Introduction

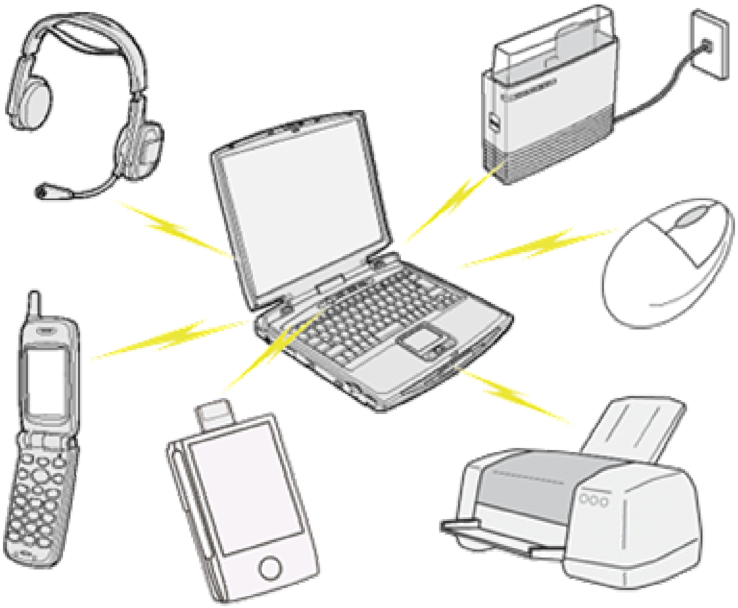
Thank you very much for selecting the Bluetooth Utility.
This Help facility will show you how to use the Bluetooth Utility for configuring Bluetooth devices and how it can be used in other convenient ways.
We hope that the Help facility will enable you to be able to make full use of the Bluetooth Utility.

- What is Bluetooth?
- What you need to know about using Bluetooth
- Varieties of Bluetooth devices you can use
- Contents of the Bluetooth Utility

[Trademark information]

What is Bluetooth?

Bluetooth is a global standard telecommunications method that enables data to be exchanged wirelessly between personal computers, peripheral components, mobile telephones and other electronic devices.
Data can be readily exchanged between Bluetooth devices if they have been registered as components able to communicate with each other.



A maximum of seven Bluetooth devices may be connected together. By using Bluetooth to connect to a mouse, keyboard, modem, printer, or other device, you can do away with messy cabling and not have to be concerned about space restrictions, which will allow you to work more comfortably.

What you need to know about using Bluetooth

Bluetooth exchanges data using radio waves.
The following points are critical in order to configure and use Bluetooth devices correctly.

- The devices must be Bluetooth-compatible
- The Bluetooth devices must be close enough to be able to communicate
- The devices must be in a connectable state
- No other radio wave-emitting devices should be operated nearby
- The Bluetooth devices must be turned on

The devices must be Bluetooth-compatible

The hardware and software used in your PC and other components must be Bluetooth-compatible.
Bluetooth-compatible products normally bear the following logo:

Bluetooth®

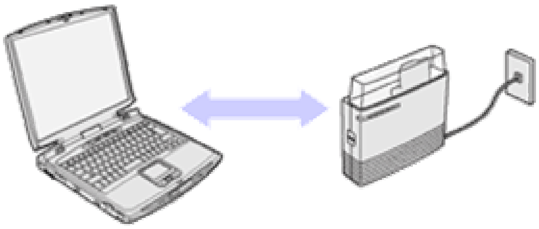
For further details, please refer to your local retailer or consult the product instruction manual.

Note

- A Bluetooth communication card, adapter, or other similar device (not included) needs to be installed in PCs or PDAs (personal digital assistants) that do not have Bluetooth built in.

The Bluetooth devices must be close enough to be able to communicate

Bluetooth devices situated in places beyond the reach of the radio waves will not recognize each other, making communication impossible.
In particular, please ensure that your Bluetooth devices can communicate with each other before you register and configure them for the first time.



Note

- PCs have a communication distance restriction of ten meters. Please refer to the instruction manuals for information on the communication distance restrictions specific to each device.
- Communication interference may occur if any obstructions are located between the devices. Devices may not communicate properly if they have been located, for example, on the ground and first floors of a residence, despite their being within the acceptable distance.

The devices must be in a connectable state

The Bluetooth devices must recognize each other in order to be connectable for use. In certain devices, simply turning on the power will not produce a connectable state. Moreover, the energy-saving feature may come into effect after a certain amount of time, which will prevent the devices from being detected. Please refer to the specific product instruction manual for further details.

No other radio wave-emitting devices should be operated nearby

Microwave ovens, wireless LANs and other radio wave-emitting devices located nearby may affect Bluetooth communication.
Please ensure that your devices have been accordingly situated, and that the above devices are not in use when you are operating your Bluetooth device.

The Bluetooth devices must be turned on

Bluetooth cannot be used if the devices have not been turned on.
Some PCs and other components have a Bluetooth communication switch that operates independently of the main power. Bluetooth cannot function if this switch has been turned off.

- Using PCs with Bluetooth built in
- When using a Bluetooth USB adapter or SD card

Varieties of Bluetooth devices you can use

It is important to understand the concepts of "services" and "profiles" in order to determine whether an intended function can be properly utilized when you use a Bluetooth device.

● What is a "profile"?

Examples of Bluetooth devices include mice and keyboards (input devices), printers (output devices) and wireless modems (communication devices). Functions that can be utilized by such devices are called "services."

In order for these services to be used reliably, Bluetooth devices are provided with common specifications known as "profiles."
For example, when a PC makes a connection to a Bluetooth device, it obtains the profile of the corresponding device and thereby ascertains which functions (services) the device offers.

As an example, imagine someone who travels overseas.

The traveller is only able to converse properly with their counterpart if both speak a language (English, Japanese, Chinese, etc.) they both understand.

However, no dialogue will occur if they do not share a common language.

Hello?
Bonjour?

In the above example, the traveller and his/her counterpart correspond to the devices, the languages to the profiles, and the dialogues between the two people to the services. The former example refers to a situation where a service can be performed because the devices support a common profile, whereas the latter example refers to a situation where a service cannot be performed because a common profile is not supported.

In other words, you will be able to use Bluetooth devices that have a profile supported by a PC (the Bluetooth Utility in this case).

If the profiles belonging to the device are not supported by the PC, the functions corresponding to those profiles will not be able to be utilized. Also, a device can only be used if its profiles are supported by the PC.

● Types of profiles

The following profiles are supported by the Bluetooth Utility:

Term	Definition
DUN	**Dial-Up Networking** Enables you to establish a dial-up Bluetooth connection to the Internet or other networks with a wireless modem station, mobile telephone, or similar device.
FAX	**FAX** Enables you to establish a Bluetooth connection with a wireless modem station, mobile telephone, or similar device to send or receive a fax.
LAP	**LAN Access Profile** Enables you to establish a Bluetooth connection with a LAN access point to access the services of a LAN using PPP.
SPP	**Serial Port Profile** Enables communication with a device through a virtual serial port configured for a Bluetooth connection. This can be used for printers and printer adapters with PDAs, using a different method from HCRP or ActiveSync.
HID	**Human Interface Device Profile** Allows connections to wireless mice, keyboards and other input devices.
HCRP	**Hardcopy Cable Replacement Profile** Enables printing with a printer driver.
FTP	**File Transfer Profile** Enables you to browse folders on a wireless device and transfer files to and from the local device.
OPP	**Object Push Profile** Allows business card data to be exchanged with a wireless device.
A2DP	**Advanced Audio Distribution Profile** Allows audio data to be exchanged between wireless headsets and other audio devices, as well as allowing high-quality music playback.
AVRCP	**Audio/Video Remote Control Profile** A/V remote control functions such as play and stop. The Bluetooth Utility supports remote control operation.
GAVDP	**Generic Audio/Video Distribution Profile** Basic profile used to support A2DP, AVRCP and other protocols.
HSP	**Head Set Profile** Profile used for headsets. Allows you to connect to a PC and communicate as well as connect to a mobile telephone.

PAN	**Personal Area Networking Profile** Supports IP base network. Allows connection to an ad-hoc or wired network via an access point.
BIP	**Basic Imaging Profile** Allows image files to be sent and received after having been converted to a size suitable for the destination. In addition to being able to transfer image files, the Bluetooth Utility allows camera shutters to be operated by remote control, as well as other offering other functionalities.

Contents of the Bluetooth Utility

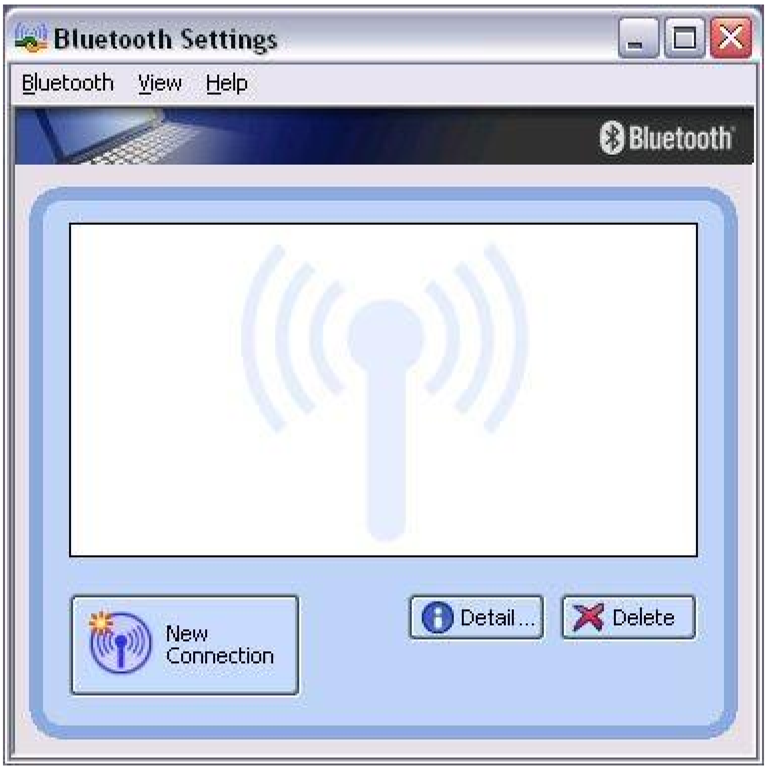
The Bluetooth Utility is a software tool used to configure a variety of settings once a connection has been established between the PC and the Bluetooth device. It also facilitates the exchange of files between Bluetooth devices.

The Bluetooth Utility comprises the following six tools. Descriptions are provided for the functions and the supported profiles for the respective tools.

- Bluetooth Settings
- Bluetooth Manager
- Bluetooth Information Exchanger
- Remote Camera
- Bluetooth Local COM
- Wireless File Transfer

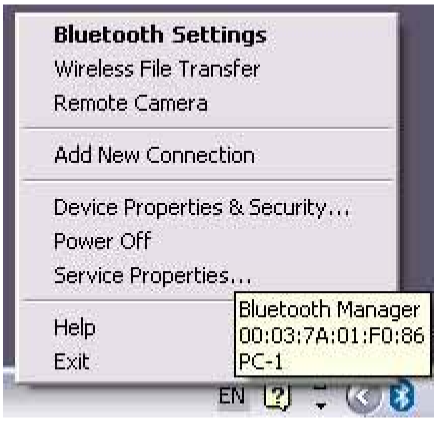
Bluetooth Settings

This program enables you to easily configure settings when you connect to a Bluetooth device for the first time. The function of a configured and registered device is displayed on the main window as a connection icon.
As a rule, the Bluetooth device will be connected automatically after having been set up; however, a shortcut can be created for a manual connection, if so required.



● Bluetooth Manager

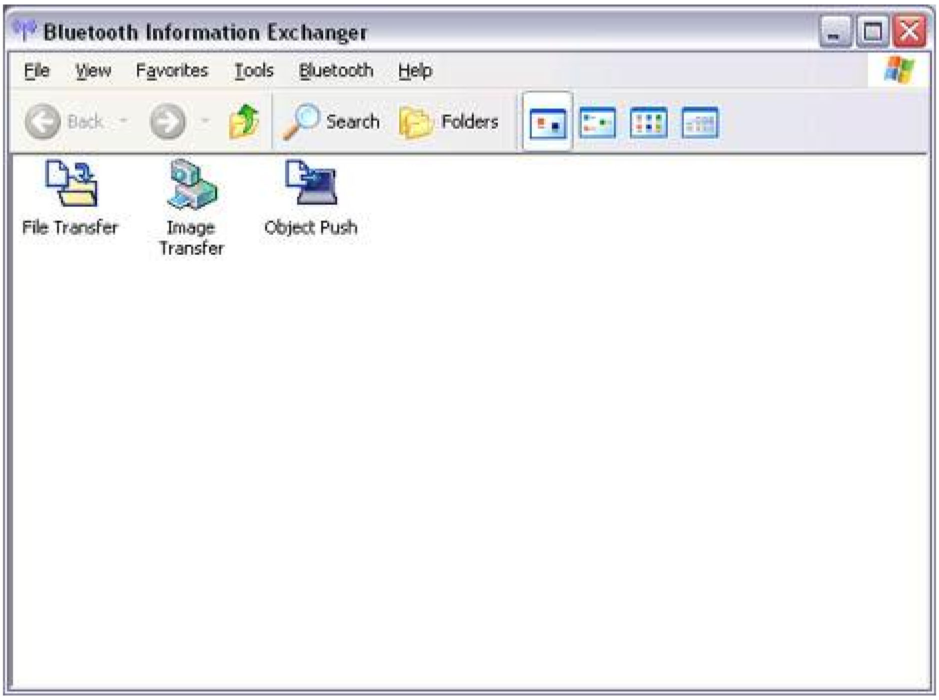
This program, which appears as a Taskbar icon, monitors and controls the power and operating status of Bluetooth devices. It can be used to start the Bluetooth Setup Utility, add a new connection, disconnect from a remote device, and perform other tasks.



Bluetooth Manager
00:03:7A:01:F0:86
PC-1

● Bluetooth Information Exchanger

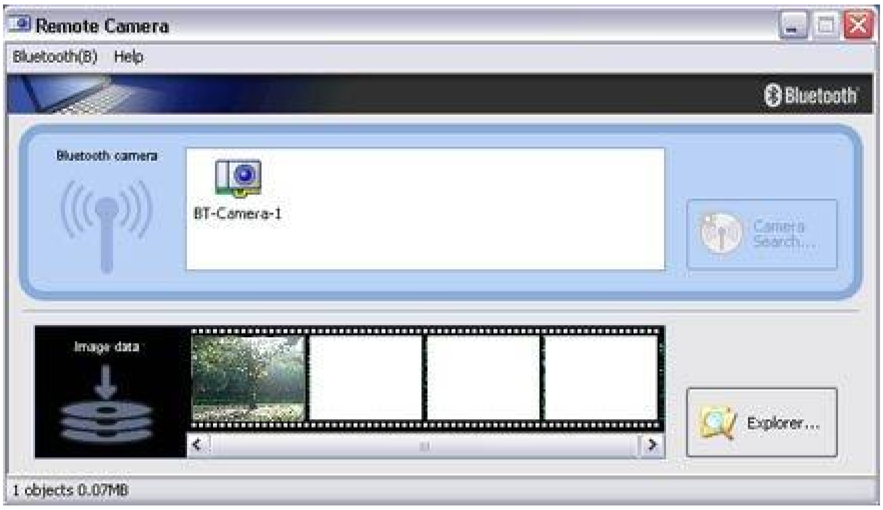
This program enables you to easily transfer files and images to or exchange business card data with a wireless device by selecting the icon of the counterpart device, or using the right-click menu in Explorer. The wireless devices to which you are connecting must also support the same service functions (FTP and OPP).



Related topics
"Exchanging files with PCs and PDAs"
"Sending images to mobile telephones"
"Sending images to PCs or PDAs"
"Exchanging business card data with PCs and PDAs"

● Remote Camera

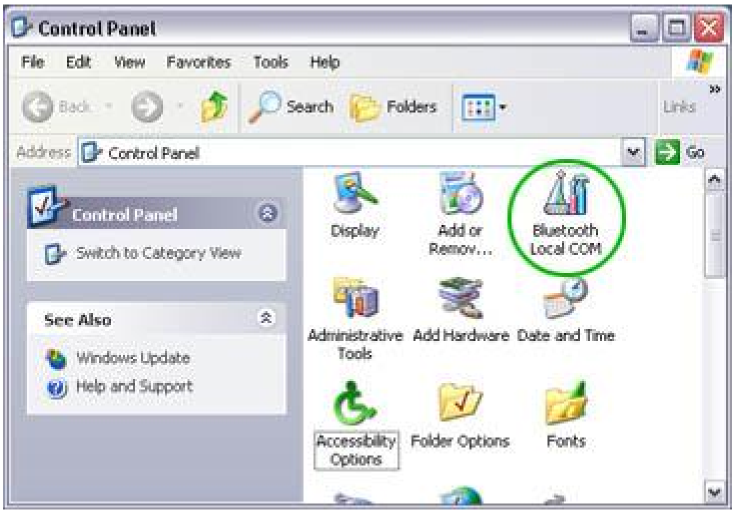
Connecting to a Bluetooth-compatible digital camera allows the device to be operated from the PC side, and captured images to be sent to the PC.

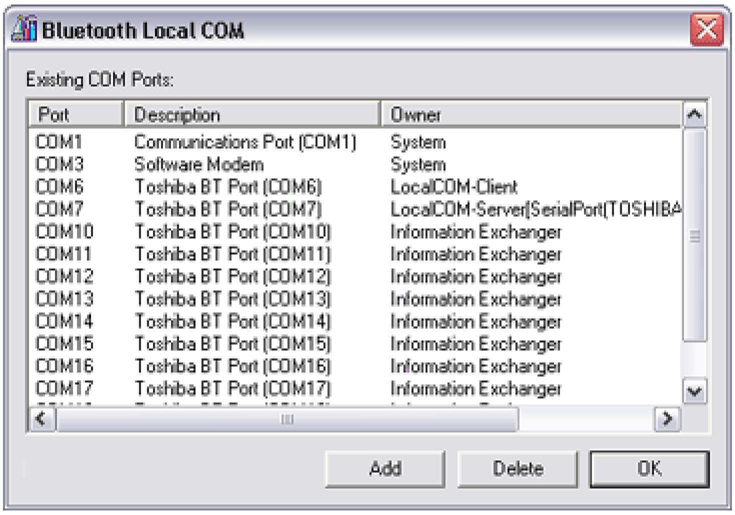


Related topics
"Using a Bluetooth-compatible camera"

● Bluetooth Local COM

This program, which is registered in the Control Panel, can create a virtual COM port for use with the Bluetooth Utility. If you need to create a client COM port with the Bluetooth Setup Utility, it can be created automatically without having to start the program.





Existing COM Ports:

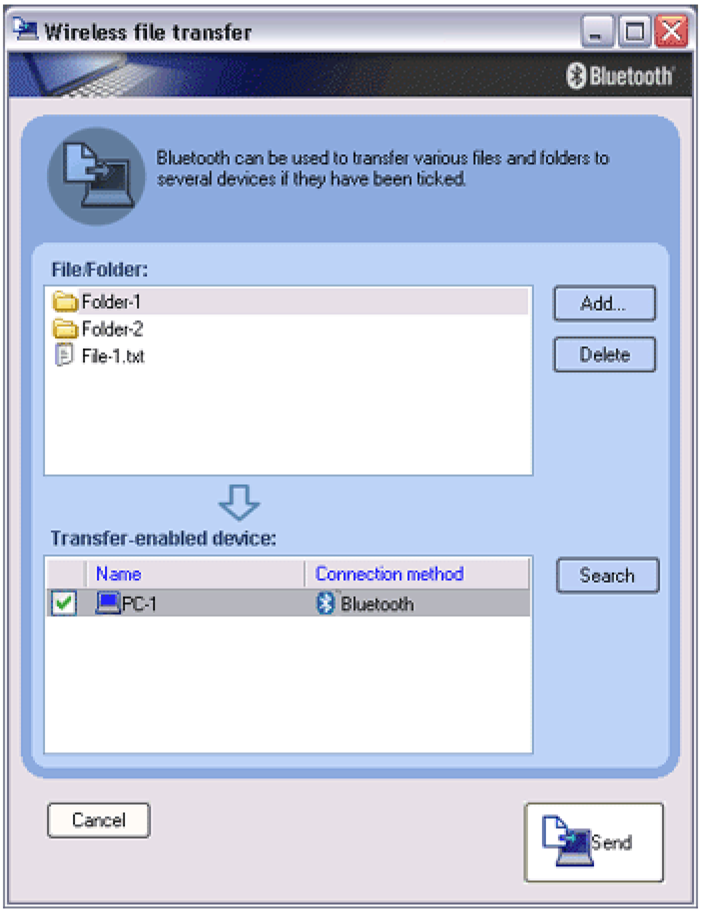
Port	Description	Owner
COM1	Communications Port (COM1)	System
COM3	Software Modem	System
COM6	Toshiba BT Port (COM6)	LocalCOM-Client
COM7	Toshiba BT Port (COM7)	LocalCOM-Server[SerialPort(TOSHIBA
COM10	Toshiba BT Port (COM10)	Information Exchanger
COM11	Toshiba BT Port (COM11)	Information Exchanger
COM12	Toshiba BT Port (COM12)	Information Exchanger
COM13	Toshiba BT Port (COM13)	Information Exchanger
COM14	Toshiba BT Port (COM14)	Information Exchanger
COM15	Toshiba BT Port (COM15)	Information Exchanger
COM16	Toshiba BT Port (COM16)	Information Exchanger
COM17	Toshiba BT Port (COM17)	Information Exchanger

Related topics

"Manually creating a virtual Bluetooth COM port"

● Wireless File Transfer

You can send a file wirelessly to another device by right-clicking on the intended file and using the "Sending to Bluetooth Device" menu that appears.



Bluetooth can be used to transfer various files and folders to several devices if they have been ticked.

File/Folder:
- Folder-1
- Folder-2
- File-1.txt

Transfer-enabled device:

	Name	Connection method
☑	PC-1	Bluetooth

Related topics
"Exchanging files with PCs and PDAs"

Using the Bluetooth Utility

Actual examples of how to establish a connection to a Bluetooth device using the Bluetooth Utility are described in this section.

Descriptions of more convenient methods and detailed information on the Bluetooth Utility functions are also provided.

- Flow of operation
- Basic settings
- Making the most of your Bluetooth device
- Using the features more effectively
- Bluetooth Utility functions in detail

Note

- The Bluetooth Utility operates under Windows XP and Windows 2000.
  The descriptions in the examples mainly pertain to operation under Windows XP.

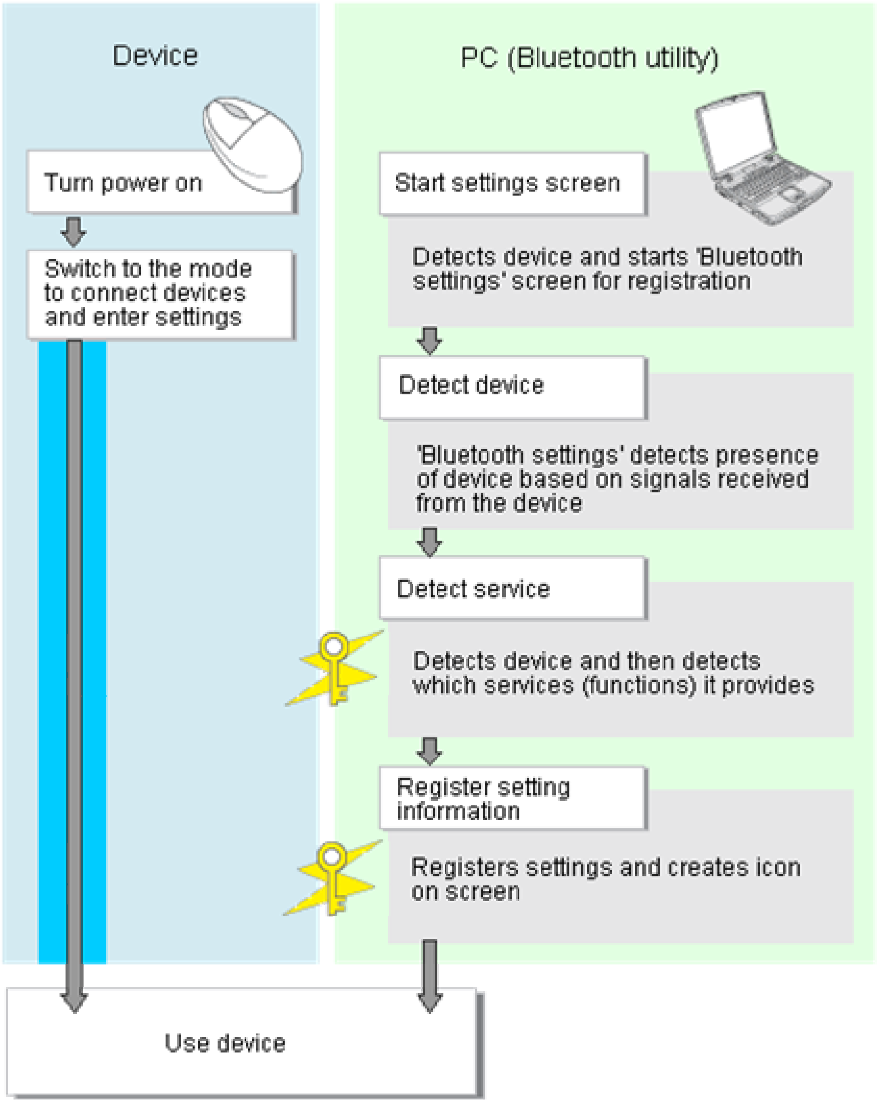
  Windows XP: Microsoft® Windows® XP Operating System
  Windows 2000: Microsoft® Windows® 2000 Operating System

Flow of operation

The procedure below is used to set up Bluetooth devices using the Bluetooth Utility.

Note

- It is assumed that the set-up is performed from the [Bluetooth Settings] window.


Device
PC (Bluetooth utility)
Turn power on
Switch to the mode to connect devices and enter settings
Start settings screen
Detects device and starts 'Bluetooth settings' screen for registration
Detect device
'Bluetooth settings' detects presence of device based on signals received from the device
Detect service
Detects device and then detects which services (functions) it provides
Register setting information
Registers settings and creates icon on screen
Use device

🔑 : Enter Bluetooth passkey (PIN code), if required by the device.

🟦 : During these stages of the set-up process, the Bluetooth device must be set to Connectability mode.

* Simply turning the power on will activate Connectability mode in certain devices. Please refer to the device instruction manual for further details.

Basic settings

Methods for registering new devices using the Bluetooth Utility shall now be described.
A Bluetooth mouse shall be connected and set up using [Bluetooth Settings] as an example.

[Bluetooth Settings] provides two set-up methods: "Express Mode" and "Custom Mode."

- **Express Mode**
  [Bluetooth Settings] will automatically detect and register services. If several services (profiles) are supported by the device, the service that has been set to the highest priority shall be selected and registered.
  Express Mode is normally recommended for device set-up.

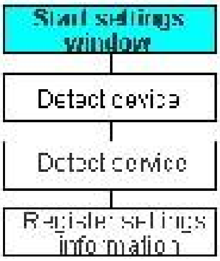
- **Custom Mode**
  After having been detected, the services supported by the device are displayed as a list, from which you can select the desired function(s). Custom Mode must be used to set up a device if, for example, you wish to use a modem station to send a fax (because in Express Mode, the DUN profile will be automatically selected since it has a higher priority than the FAX profile).

The differences between setting up the same device (a Bluetooth mouse) using Express Mode and Custom Mode are described on the following pages.

- Express Mode Set-up
- Custom Mode Set-up

Express Mode Set-up

The procedure for setting up the device using Express Mode shall now be described.



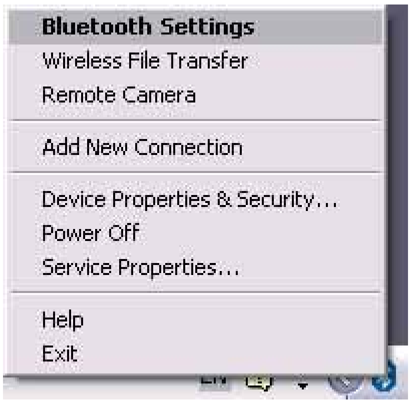
Starting Bluetooth Settings

Procedure

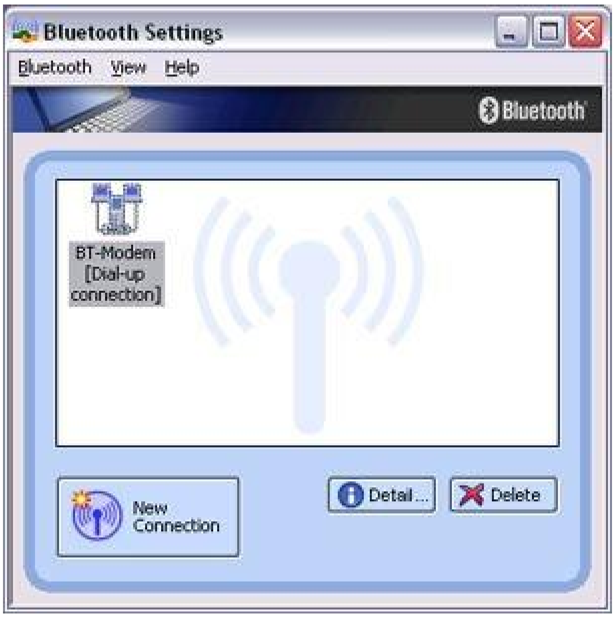
1. **Click [Start]->[All Programs]->[Bluetooth]->[Bluetooth Settings].** (Under Windows 2000, click [Start]->[Programs]->[Bluetooth]->[Bluetooth Settings].)

   Note

   - The same result can be achieved by right-clicking on the Bluetooth icon in the task tray and selecting [Bluetooth Settings] from the menu that appears.



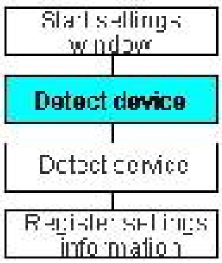
The [Bluetooth Settings] window below will appear when other devices have already been registered.



Please click the [New Connection] button to open the [Add New Connection Wizard] window. If no devices have been registered yet, please proceed directly to "Detecting Bluetooth Devices."

(continued in "Detecting Bluetooth Devices"...)

Detecting Bluetooth devices

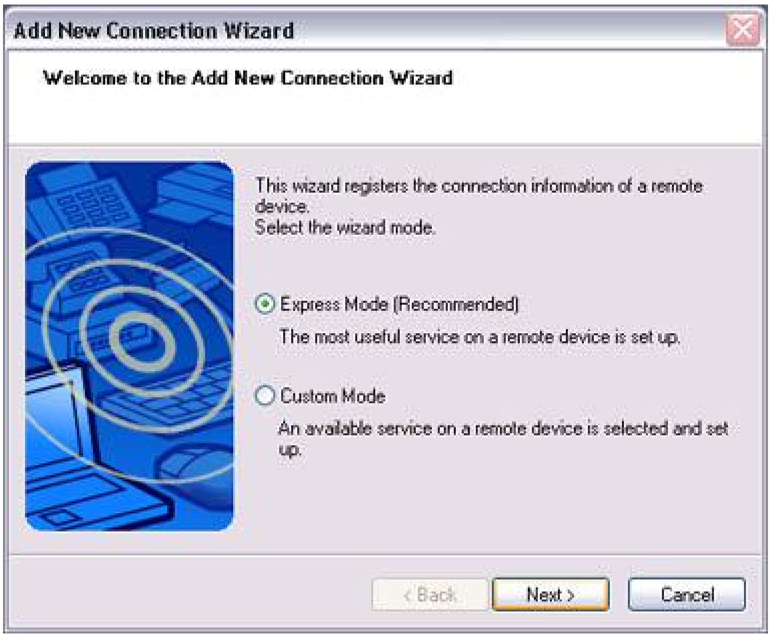


Procedure

(...continued from previous step)
The [Add New Connection Wizard (Welcome to the Add New Connection Wizard)] window will appear.

1. **Switch the mouse power ON to make it connectable via Bluetooth.**
   Please refer to the mouse instruction manual for details on this procedure.

2. **Confirm that [Express Mode] has been selected in the [Add New Connection Wizard (Welcome to the Add New Connection Wizard)] window, and click on the [Next] button.**



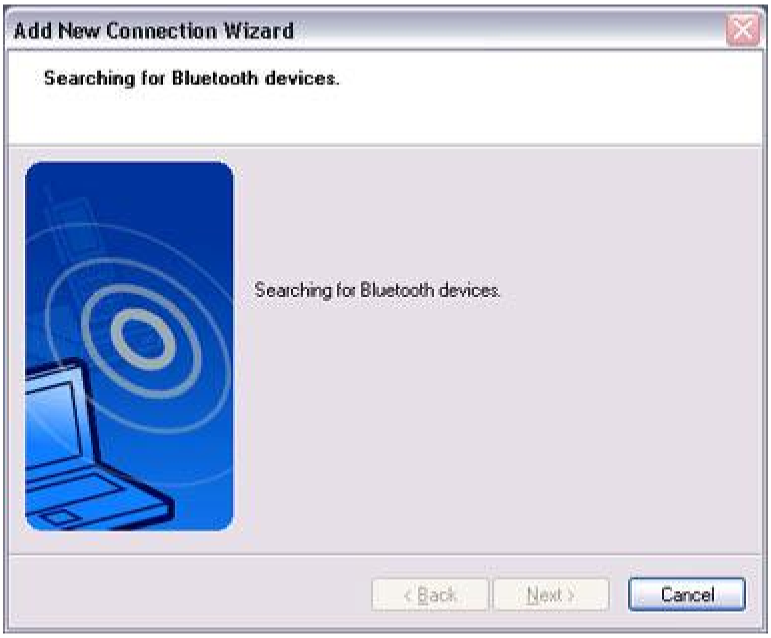
Welcome to the Add New Connection Wizard

This wizard registers the connection information of a remote device.
Select the wizard mode.

● Express Mode (Recommended)
The most useful service on a remote device is set up.

○ Custom Mode
An available service on a remote device is selected and set up.

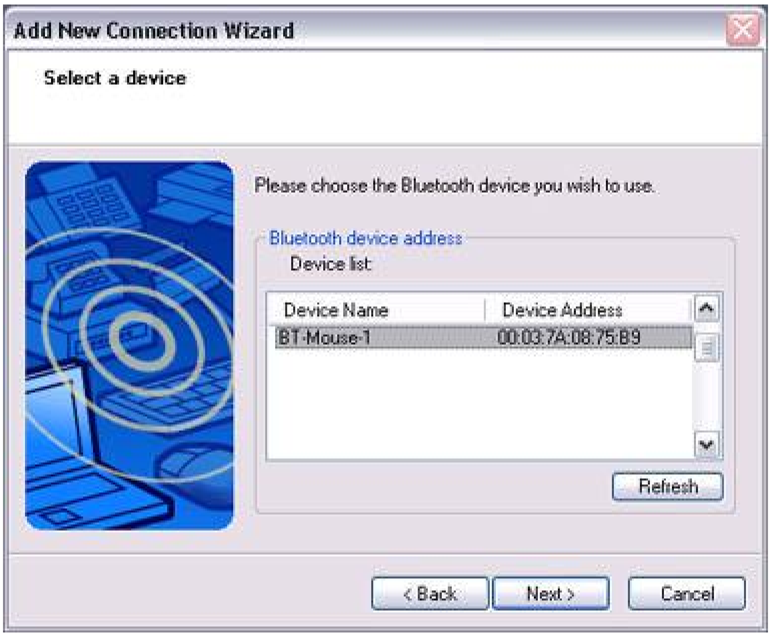
Searching for Bluetooth devices will start.



Searching for Bluetooth devices.

Searching for Bluetooth devices.

When the mouse has been detected, the name and address of the device will appear in the [Add New Connection Wizard (Select Device)] window.



Select a device

Please choose the Bluetooth device you wish to use.

Bluetooth device address

Device list

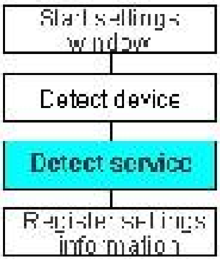
Device Name	Device Address
BT-Mouse-1	00:03:7A:08:75:B9

Note

- If no device is found, please confirm that the device has been made connectable via Bluetooth, and click on the [Update] button. A further device search will be performed.

(continued in [Detecting Services]...)

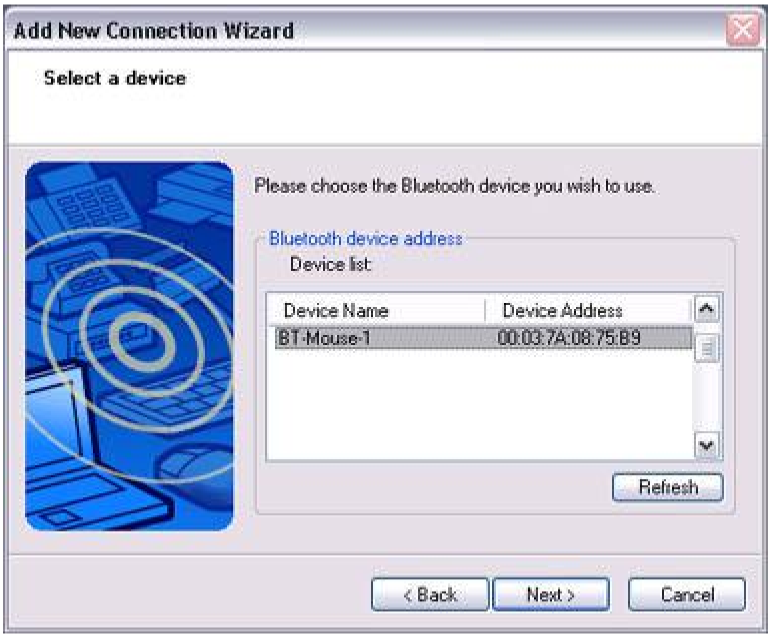
Detecting services



Procedure

(...continued from previous step)
When the mouse has been detected, the name and address of the device will appear in the [Add New Connection Wizard (Select Device)] window.

1. **Select the mouse device name from [Device List] and click on the [Next] button.**



Select a device

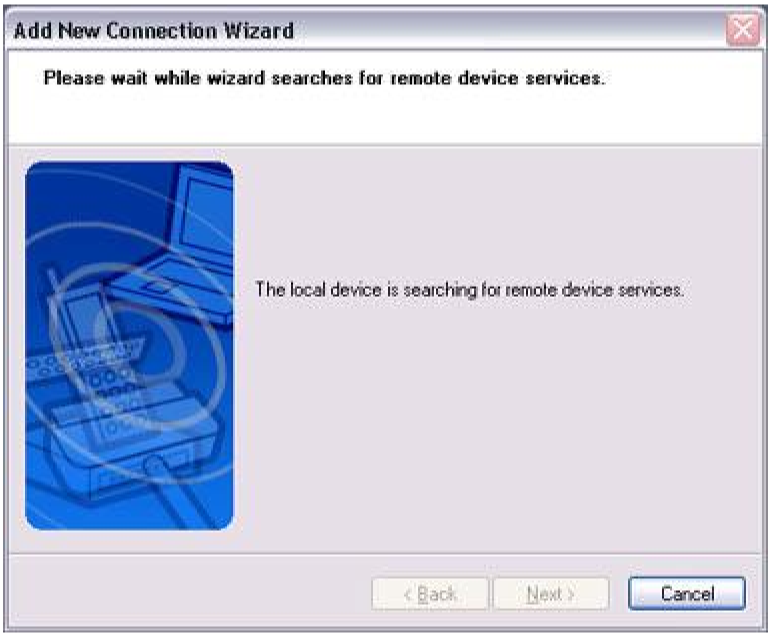
Please choose the Bluetooth device you wish to use.

Bluetooth device address

Device list:

Device Name	Device Address
BT-Mouse-1	00:03:7A:08:75:B9

Bluetooth device detection will commence.

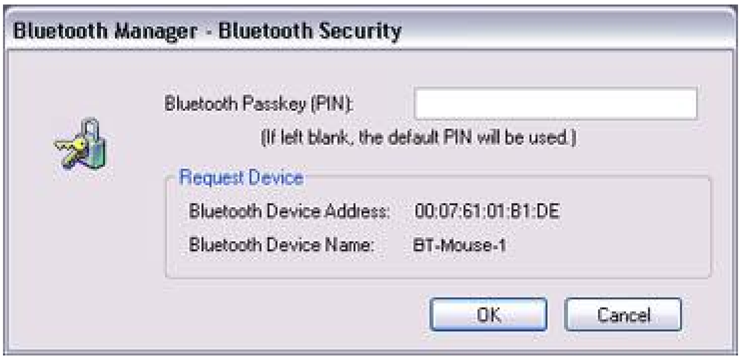

Add New Connection Wizard

Please wait while wizard searches for remote device services.

The local device is searching for remote device services.

Note

- If several services (profiles) are supported by the device, the service that has been set to the highest priority shall be automatically selected and set up in Express Mode.
  Please use Custom Mode if you wish to select desired services manually.
- When a service has been detected, a window prompting you to enter the Bluetooth passkey (PIN code) may appear. Please enter the passkey and click on the [OK] button.
  Please refer to your device instruction manual for information on which passkey to use.


Bluetooth Manager - Bluetooth Security

Bluetooth Passkey (PIN):

(If left blank, the default PIN will be used.)

Request Device

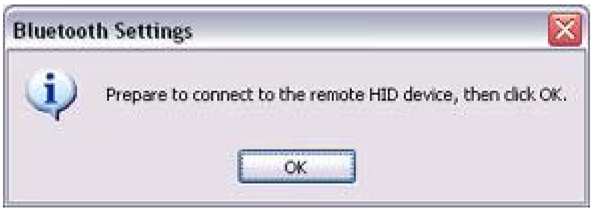
Bluetooth Device Address: 00:07:61:01:B1:DE

Bluetooth Device Name: BT-Mouse-1

- If you have not entered your Bluetooth passkey after a certain amount of time has passed, the connection process will be cancelled for security reasons. Please perform the passkey entry process again.

A message will appear prompting you to prepare the device for connection.

2. **Click on the [OK] button**

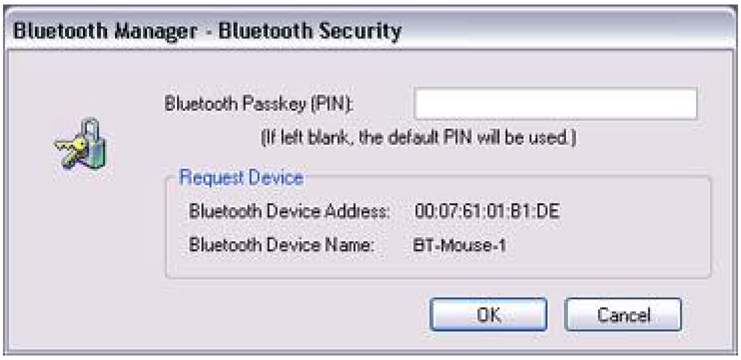


Bluetooth Settings

Prepare to connect to the remote HID device, then click OK.

Note

- When the settings information has been registered, a window prompting you to enter your Bluetooth passkey (PIN code) may appear. Please enter your passkey and click on the [OK] button.
  Please refer to your device instruction manual for information on which passkey to use.



Bluetooth Manager - Bluetooth Security

Bluetooth Passkey (PIN):

(If left blank, the default PIN will be used.)

Request Device

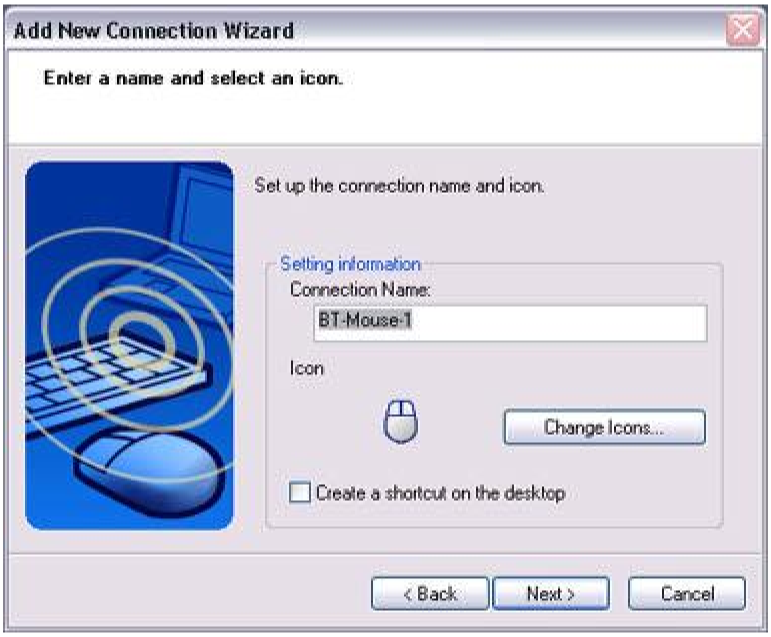
Bluetooth Device Address: 00:07:61:01:B1:DE

Bluetooth Device Name: BT-Mouse-1

- If you have not entered your Bluetooth passkey after a certain amount of time has passed, the connection process will be cancelled for security reasons. Please perform the passkey entry process again.

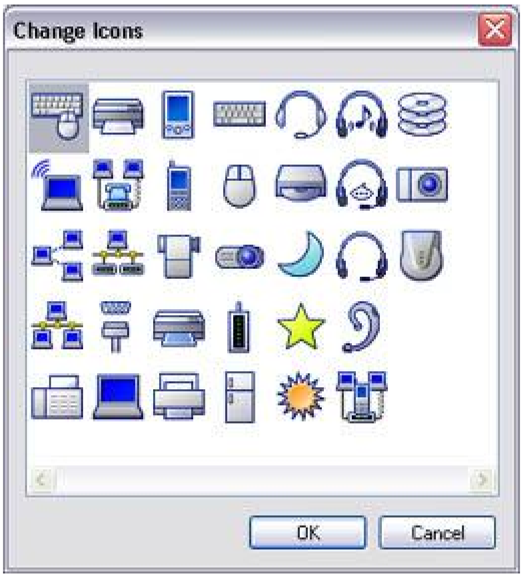
The [Add New Connection Wizard (Connection Name Setup)] window will appear if a service has been properly detected.

3. **Select the type and name of the icon to be displayed once the device has been registered, and click on the [Next] button.**


Add New Connection Wizard
Enter a name and select an icon.
Set up the connection name and icon.
Setting information
Connection Name:
BT-Mouse-1
Icon
Change Icons...
☐ Create a shortcut on the desktop
< Back
Next >
Cancel

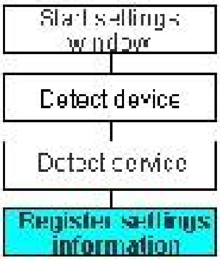
Note

- If you wish to change the icon, please click on the [Change Icon] button and select your preferred icon from the list that appears.



(continued in [Registering Settings Information]...)

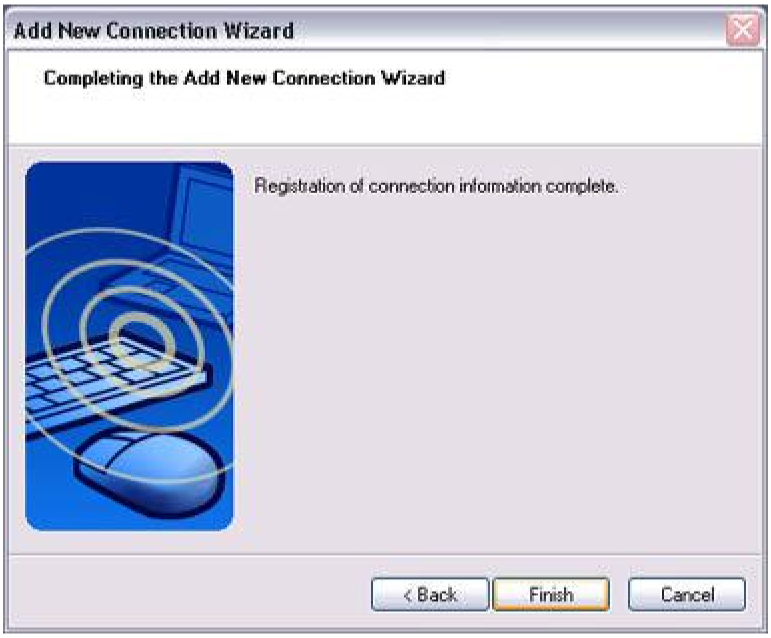
Registering settings information



Procedure

(...continued from previous step)
The [Add New Connection Wizard (Completing the Add New Connection Wizard)] window will appear.

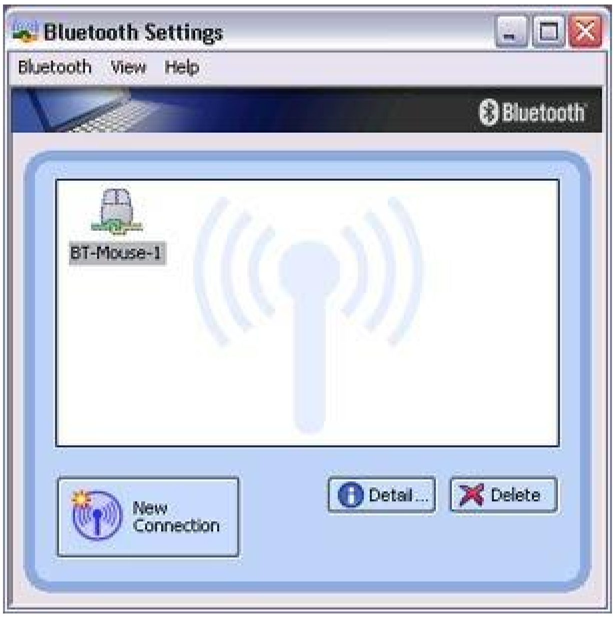
1. **Click on the [Finish] button**


Add New Connection Wizard

Completing the Add New Connection Wizard

Registration of connection information complete.

The [Bluetooth Settings] window will appear.
The icons of the registered devices will appear, and the devices will be ready to use.

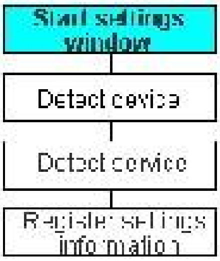


Note

- The connection icons and icon names can be changed.
  - Changing a connection icon name
  - Changing a connection icon

Custom Mode Set-up

The procedure for setting up the device using Custom Mode shall now be described.



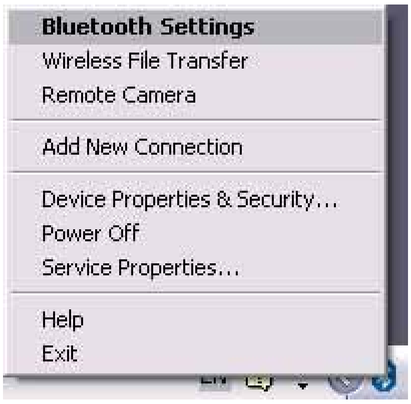
Starting Bluetooth Settings

Procedure

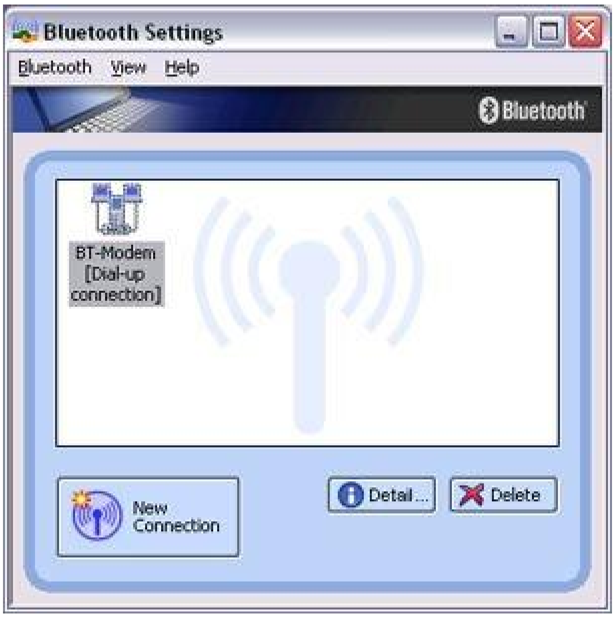
1. **Click [Start]->[All Programs]->[Bluetooth]->[Bluetooth Settings].** (Under Windows 2000, click [Start] -> [Programs] -> [Bluetooth] -> [Bluetooth Settings].

   Note

   - The same result can be achieved by right-clicking on the Bluetooth icon in the task tray and selecting [Bluetooth Settings] from the menu that appears.



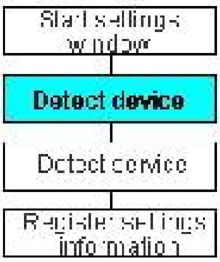
The [Bluetooth Settings] window below will appear when other devices have already been registered.



Please click the [New Connection] button to open the [Add New Connection Wizard] window. If no devices have been registered yet, please proceed directly to "Detecting Bluetooth Devices".

(continued in "Detecting Bluetooth Devices"...)

Detecting Bluetooth devices

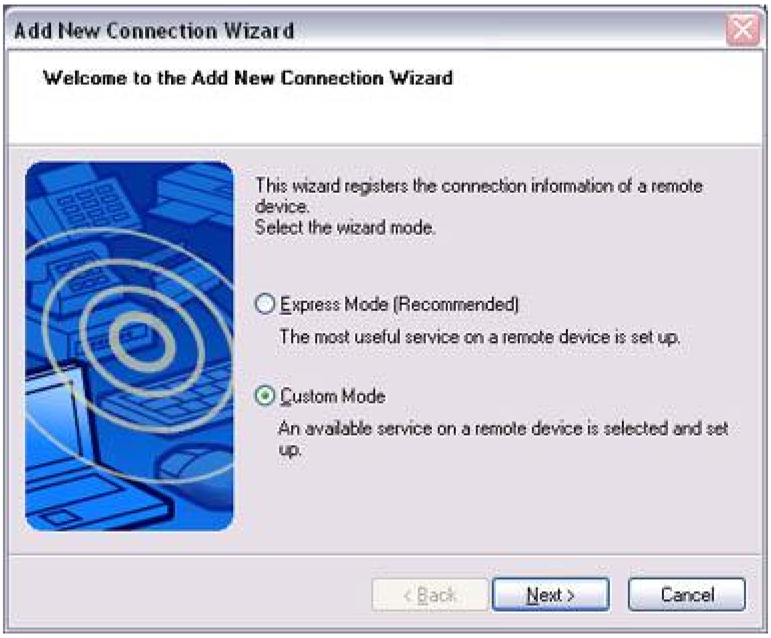


Procedure

(...continued from previous step)
The [Add New Connection Wizard (Welcome to the Add New Connection Wizard)] window will appear.

1. **Switch the mouse power ON to make it connectable via Bluetooth.**
   Please refer to the mouse instruction manual for details on this procedure.

2. **Confirm that [Custom Mode] has been selected in the [Add New Connection Wizard (Welcome to the Add New Connection Wizard)] window, and click on the [Next] button.**


Add New Connection Wizard

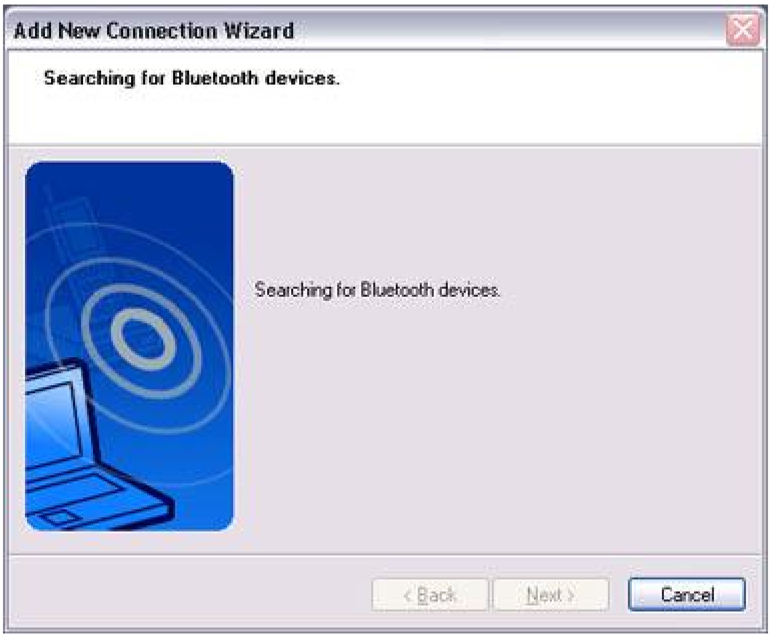
Welcome to the Add New Connection Wizard

This wizard registers the connection information of a remote device.
Select the wizard mode.

○ Express Mode (Recommended)
The most useful service on a remote device is set up.

● Custom Mode
An available service on a remote device is selected and set up.

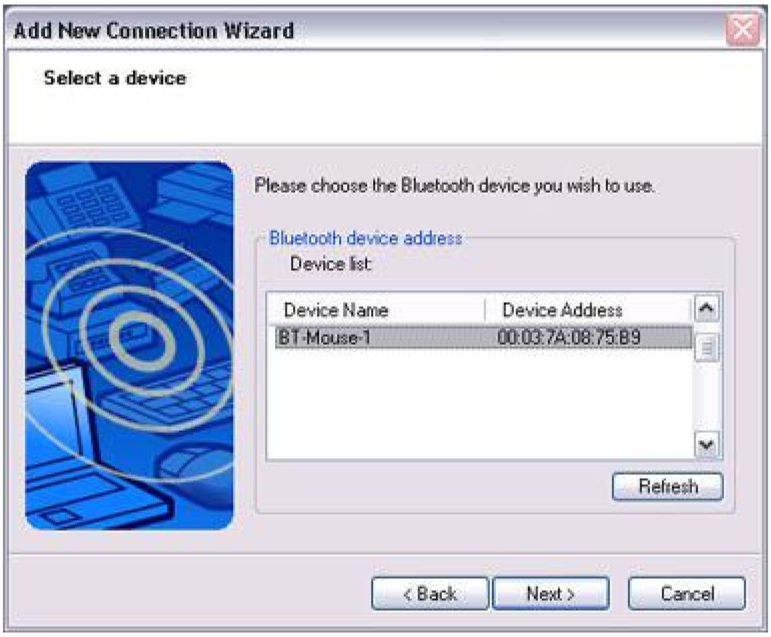
Searching for Bluetooth devices will start.


Add New Connection Wizard

Searching for Bluetooth devices.

Searching for Bluetooth devices.

When the mouse has been detected, the name and address of the device will appear in the [Add New Connection Wizard (Select Device)] window.



Please choose the Bluetooth device you wish to use.

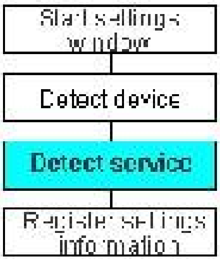
Device Name	Device Address
BT-Mouse-1	00:03:7A:08:75:B9

Note

- If no device is found, please confirm that the device has been made connectable via Bluetooth, and click on the [Update] button. A further device search will be performed.

(continued in [Detecting Services]...)

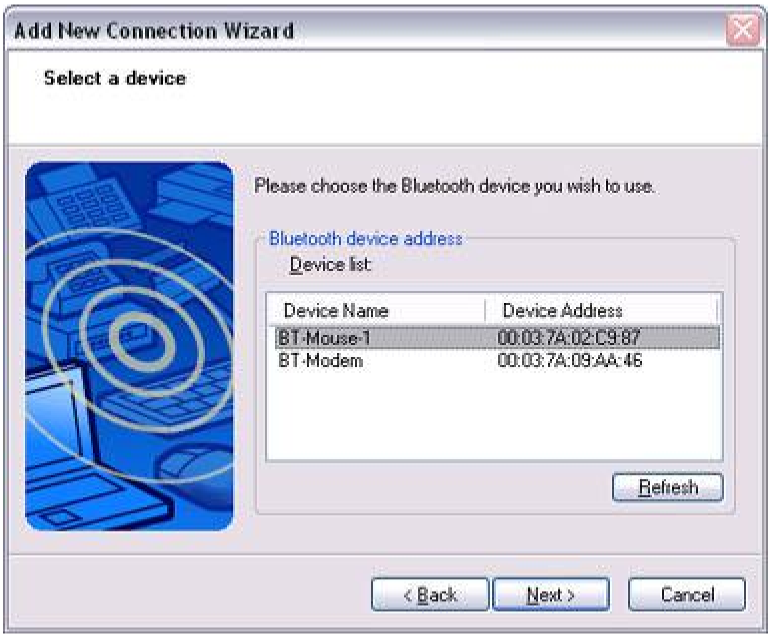
Detecting services



Procedure

(...continued from previous step)
When the mouse has been detected, the name and address of the device will appear in the [Add New Connection Wizard (Select Device)] window.

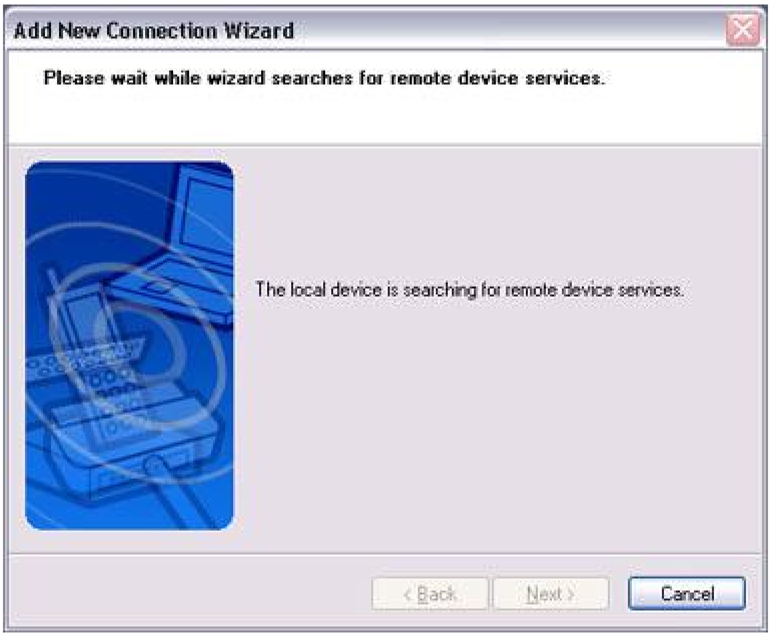
1. **Select the mouse device name from [Device List] and click on the [Next] button**



Please choose the Bluetooth device you wish to use.

Device Name	Device Address
BT-Mouse-1	00:03:7A:02:C9:87
BT-Modem	00:03:7A:09:AA:46

Bluetooth device detection will commence.

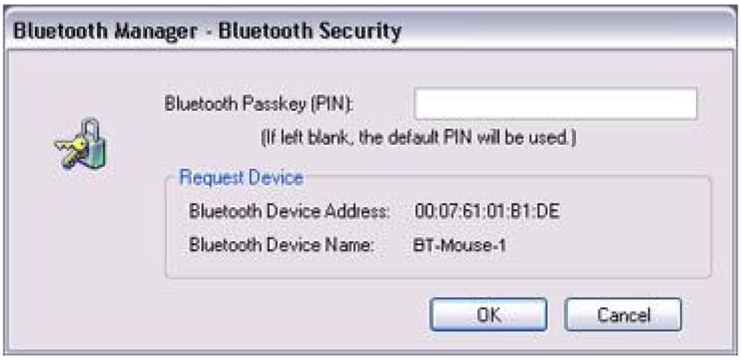

Add New Connection Wizard

Please wait while wizard searches for remote device services.

The local device is searching for remote device services.

Note

- When a service has been detected, a window prompting you to enter the Bluetooth passkey (PIN code) may appear. Please enter the passkey and click on the [OK] button.
  Please refer to your device instruction manual for information on which passkey to use.

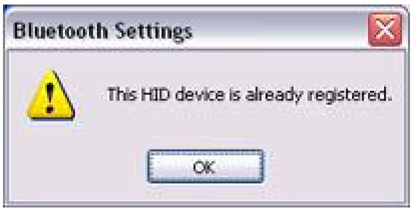

Bluetooth Manager - Bluetooth Security

Bluetooth Passkey (PIN):
(If left blank, the default PIN will be used.)

Request Device
Bluetooth Device Address: 00:07:61:01:81:DE
Bluetooth Device Name: BT-Mouse-1

- If you have not entered your Bluetooth passkey after a certain amount of time has passed, the connection process will be cancelled for security reasons. Please perform the passkey entry process again.

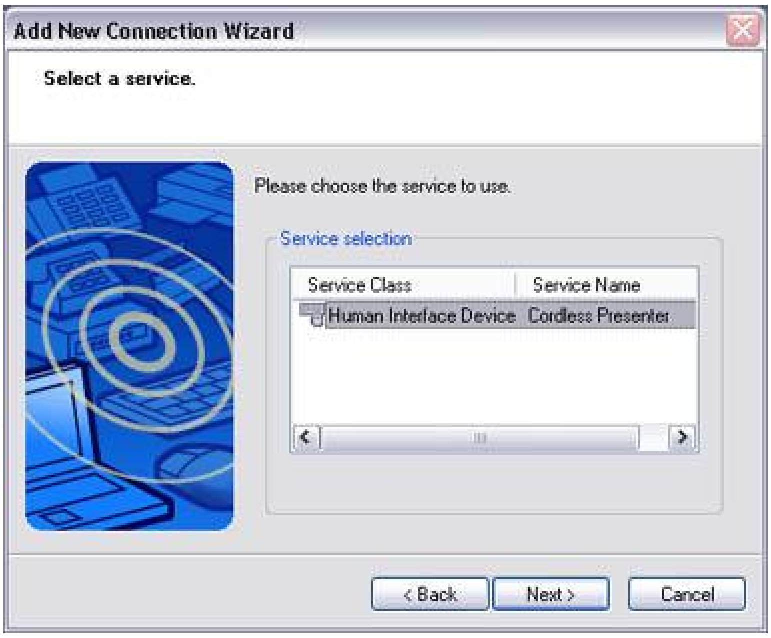
- If you try to register a device that has already been registered, the following message will appear, and you will not be able to proceed with further operation. Please click on the [OK] button to close the message.



This HID device is already registered.

The services supported by the device will be displayed.

2. **Select the desired service and click on the [Next] button**



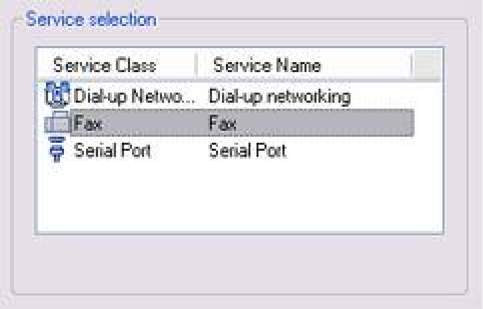
Please choose the service to use.

Service Class	Service Name
Human Interface Device	Cordless Presenter

Note

- **When a device supports several services**
  If the device supports several services, you can use Custom Mode to manually select the services (profiles) you wish to use from the list that appears under [Select Services].

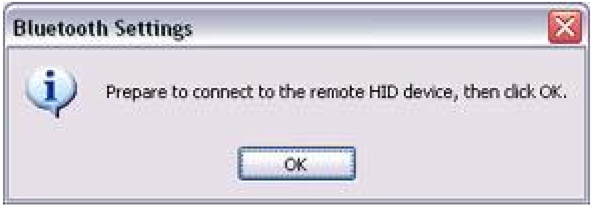
  Example: List of wireless modem station services



Service Class	Service Name
Dial-up Netwo...	Dial-up networking
Fax	Fax
Serial Port	Serial Port

If Express Mode is used to perform the set-up, the highest-priority service in the device will be automatically selected and configured.

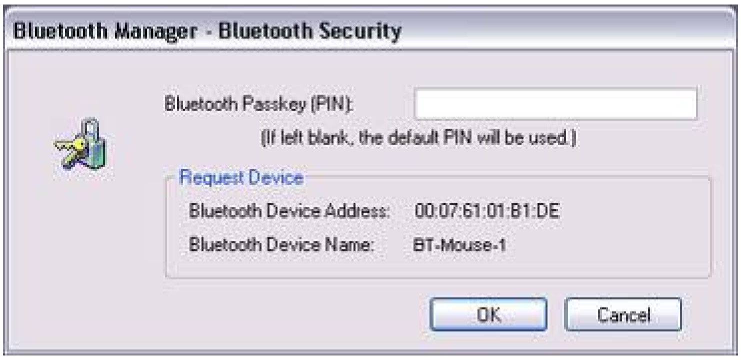
3. **Click on the [OK] button.**



Prepare to connect to the remote HID device, then click OK.

Note

- When the settings information has been registered, a window prompting you to enter the Bluetooth passkey (PIN code) may appear. Please enter the passkey and click on the [OK] button.
  Please refer to your device instruction manual for information on which passkey to use.



Bluetooth Passkey (PIN):

(If left blank, the default PIN will be used.)

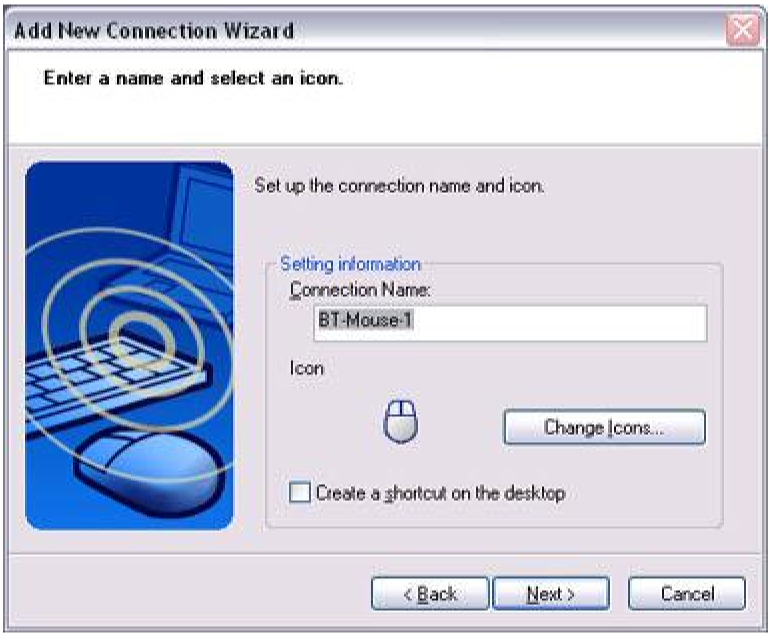
Bluetooth Device Address: 00:07:61:01:B1:DE

Bluetooth Device Name: BT-Mouse-1

- If you have not entered your Bluetooth passkey after a certain amount of time has passed, the connection process will be cancelled for security reasons. Please perform the passkey entry process again.

The [Add New Connection Wizard (Connection Name Setup)] window will appear if a service has been properly detected.

4. **Select the type and name of the icon to be displayed once the device has been registered, and click on the [Next] button.**

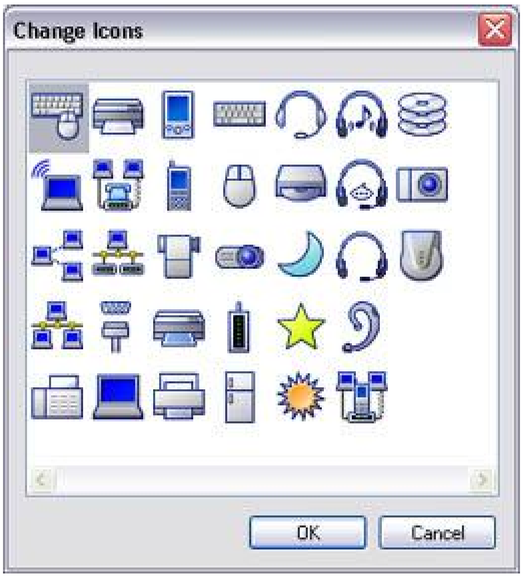

Add New Connection Wizard
Enter a name and select an icon.
Set up the connection name and icon.
Setting information
Connection Name:
Icon
Change Icons...
< Back
Next >
Cancel

Connection Name: BT-Mouse-1

☐ Create a shortcut on the desktop

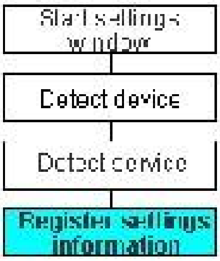
Note

- If you wish to change the icon, please click on the [Change Icon] button and select your preferred icon from the list that appears.



(continued in [Registering Settings Information]...)

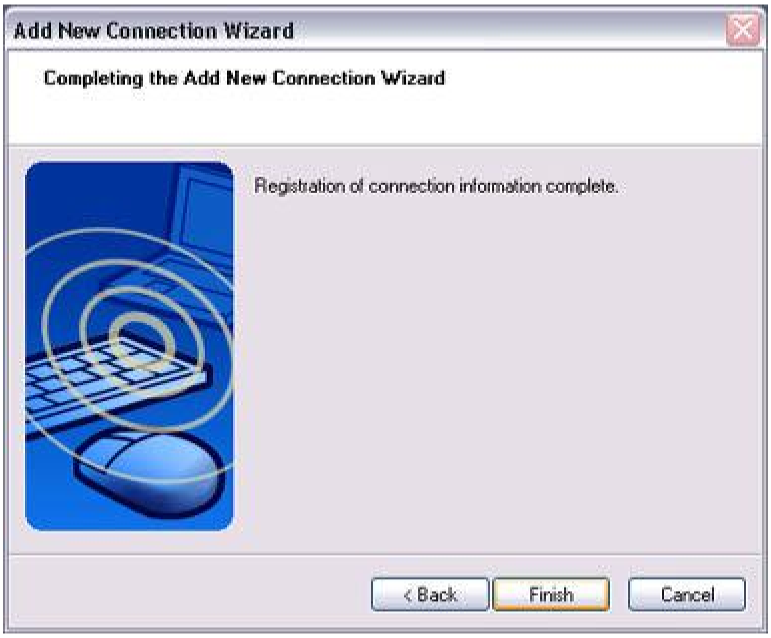
Registering settings information



Procedure

(...continued from previous step)
The [Add New Connection Wizard (Completing the Add New Connection Wizard)] window will appear.

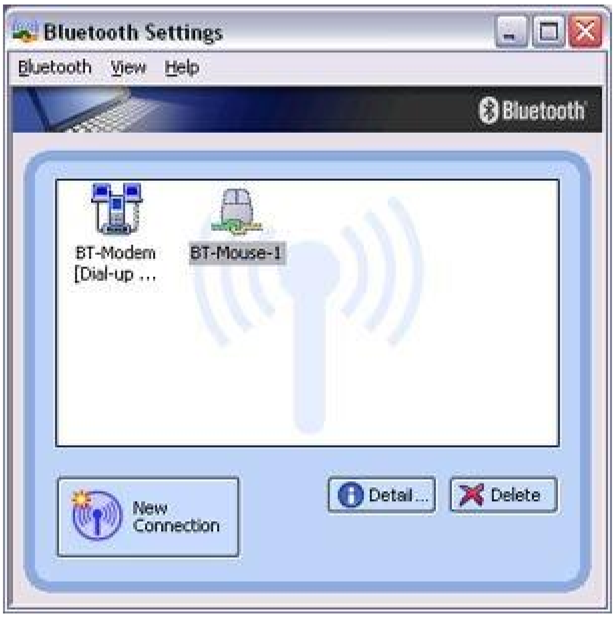
1. **Click on the [Finish] button**



Completing the Add New Connection Wizard

Registration of connection information complete.

The [Bluetooth Settings] window will appear.
The icons of the registered devices will appear, and the devices will be ready to use.

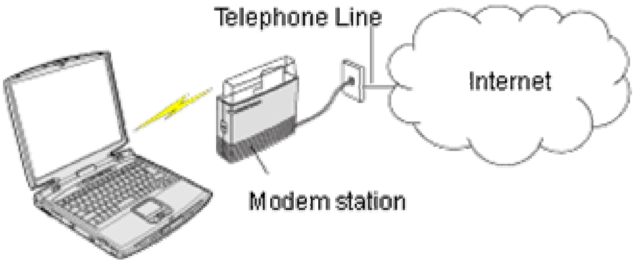


Note

- The connection icons and icon names can be changed.
  - Changing a connection icon name
  - Changing a connection icon

Connecting to the Internet using a modem station [DUN]

You can use a Bluetooth wireless modem to connect to the Internet via a telephone line.



Setting up the modem station
Connecting to the Internet

Important

- In order to connect to the Internet, you must have already signed up with a provider and obtained a connection ID and password. Please ensure you have confirmed the ID, password and telephone number of your provider's access point before you begin the set-up process.

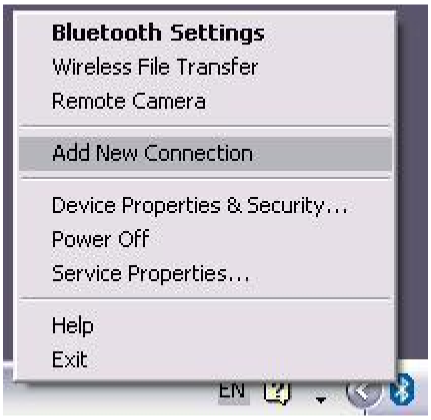
- Please refer to your instruction manual for information on connecting the modem station to a telephone line.
- A Bluetooth passkey (PIN code) is required for you to connect to the modem station. Please make a note of your Bluetooth passkey before you start the set-up process.

Setting up the modem station

Procedure

1. **Turn on the wireless modem station**

2. **Right-click the Bluetooth icon in the task tray, and then click on [Add New Connection]**

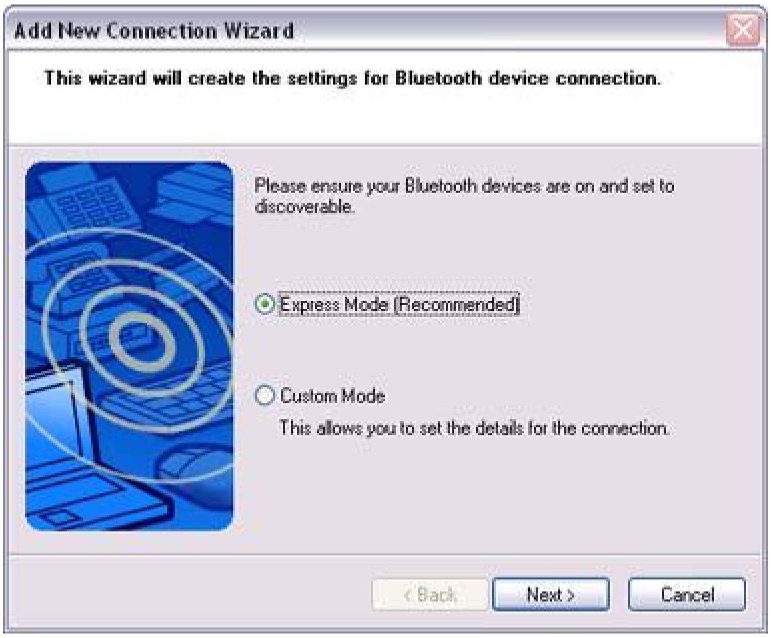


Note

- Alternatively, click [Start] -> [All Programs] -> [Bluetooth] -> [Bluetooth Settings], and then click on [New Connection] from the active [Bluetooth Settings] window.

The [Add New Connection Wizard (Welcome to the Add New Connection Wizard)] window will appear.

3. **Confirm that [Express Mode] has been selected, and then click on the [Next] button**



This wizard will create the settings for Bluetooth device connection.

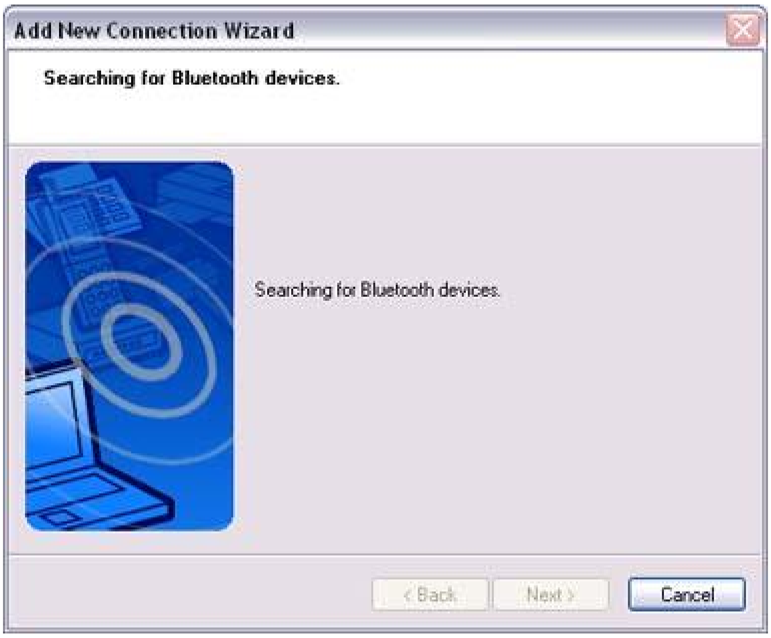
Please ensure your Bluetooth devices are on and set to discoverable.

● Express Mode (Recommended)

○ Custom Mode

This allows you to set the details for the connection.

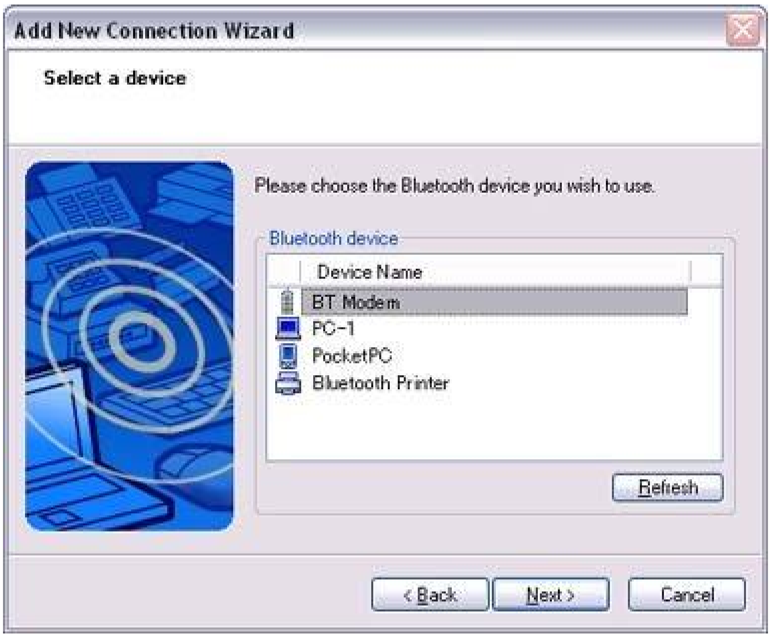
The [Add New Connection Wizard (Searching for Bluetooth devices)] window will appear.



Searching for Bluetooth devices.

Searching for Bluetooth devices.

4. **Select the device name of the wireless modem station from [Device List], and then click on the [Next] button**

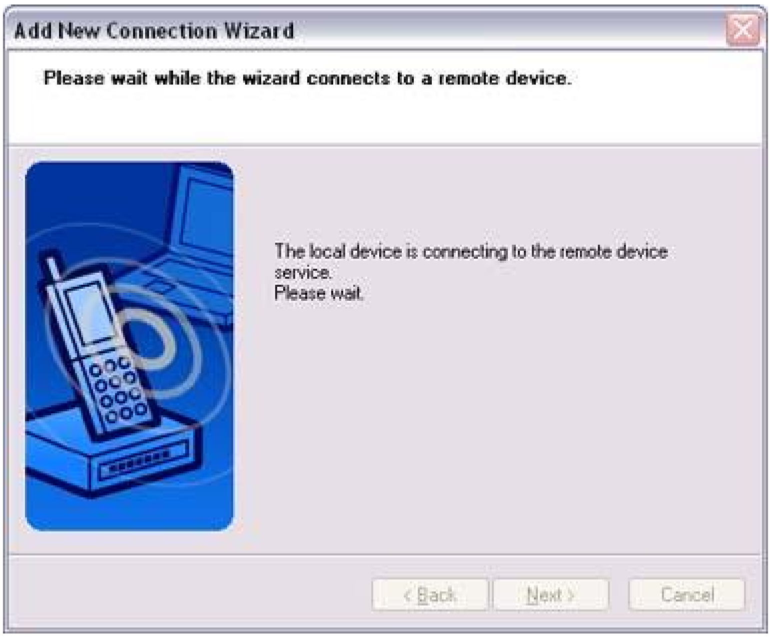


Add New Connection Wizard

Select a device

Please choose the Bluetooth device you wish to use.

The [Add New Connection Wizard (Searching for Services)] window will appear.



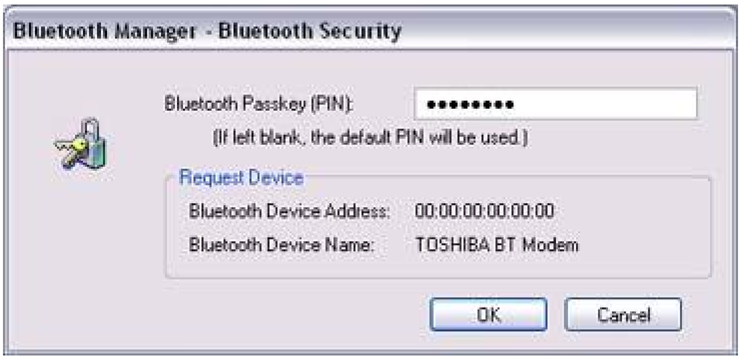
Add New Connection Wizard

Please wait while the wizard connects to a remote device.

The local device is connecting to the remote device service.
Please wait.

Once a service has been detected successfully, connection to the device and COM port creation will be performed automatically, after which the [Add New Connection Wizard (Modem Settings)] window will appear.

5. **If you are connecting to a wireless modem station for the first time, enter the passkey for the modem station under [Bluetooth Passkey (PIN code)], and then click on the [OK] button**



Bluetooth Manager - Bluetooth Security

Bluetooth Passkey (PIN): •••••••••

(If left blank, the default PIN will be used.)

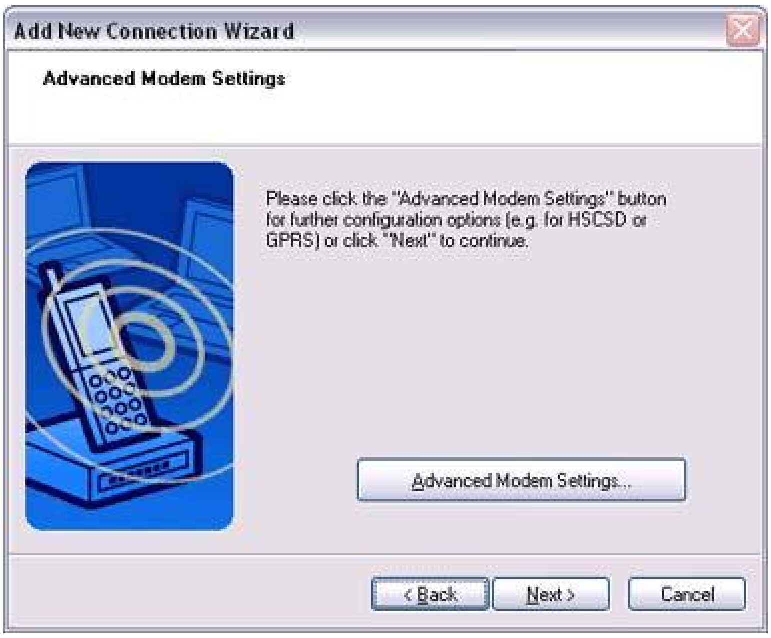
Request Device

Bluetooth Device Address: 00:00:00:00:00:00

Bluetooth Device Name: TOSHIBA BT Modem

Once the program has finished searching for the devices, the [Add New Connection Wizard (Device Selection)] window will appear.

6. **Click on the [Next] button**

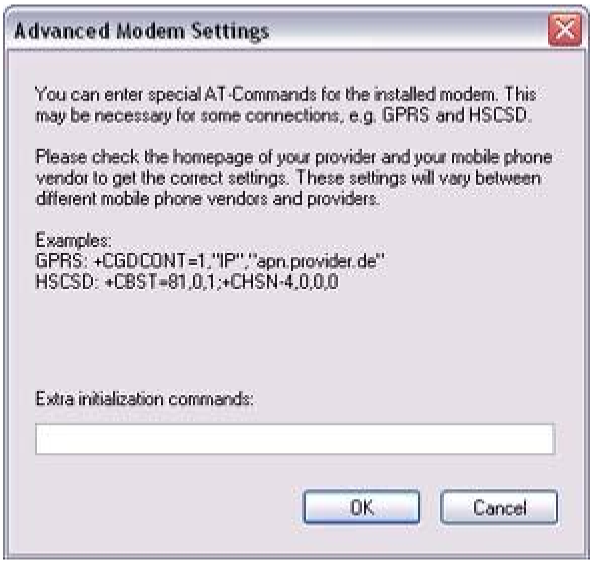


Add New Connection Wizard

Advanced Modem Settings

Please click the "Advanced Modem Settings" button for further configuration options (e.g. for HSCSD or GPRS) or click "Next" to continue.

Certain modems require you to configure initialization commands separately.
Please click on the [Additional initialization Command Settings] button, enter the initialization commands in the following window, and then click on the [OK] button.



Advanced Modem Settings

You can enter special AT-Commands for the installed modem. This may be necessary for some connections, e.g. GPRS and HSCSD.

Please check the homepage of your provider and your mobile phone vendor to get the correct settings. These settings will vary between different mobile phone vendors and providers.

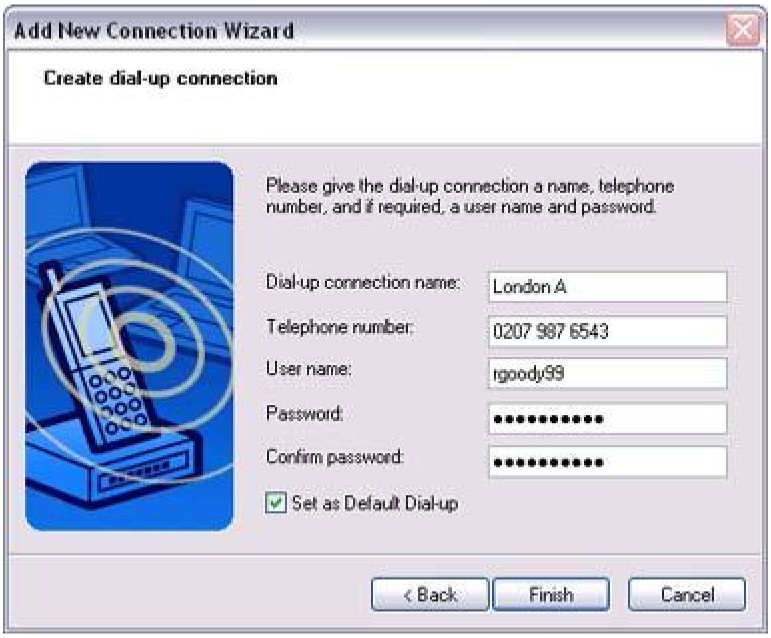
Examples:
GPRS: +CGDCONT=1,"IP","apn.provider.de"
HSCSD: +CBST=81,0,1;+CHSN-4,0,0,0

Extra initialization commands:

Note

- Please refer to the modem or mobile phone instruction manual for further details on the initialization commands.

7. **Enter the connection name (optional), telephone number (of your provider's access point), user name and password (as issued by your provider), and then click on the [Finish] button.**



Add New Connection Wizard

Create dial-up connection

Please give the dial-up connection a name, telephone number, and if required, a user name and password.

Dial-up connection name: London A
Telephone number: 0207 987 6543
User name: rgoody99
Password: ●●●●●●●●●●
Confirm password: ●●●●●●●●●●
☑ Set as Default Dial-up

Important

- The sample entries shown in the window are provided solely for purpose of explanation. Please use your own telephone number, ID and password according to the arrangement with your provider.

The settings will be registered, and an icon will appear in the [Bluetooth Settings] window.

Connecting to the Internet

You can connect to the Internet by following the procedure below if the connection destination registered when you configured the wireless modem has been set as the default connection destination.

1. **Start your browser, e-mail application or other application**

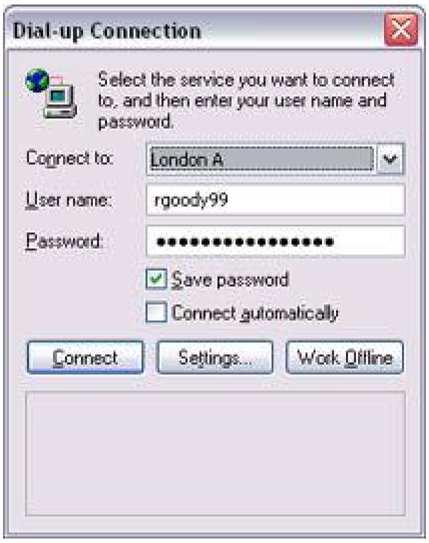
   Important

   - Please enter the e-mail settings separately if you are going to use e-mail (the set-up method will vary with the application).

2. **Enter the URL of the Web page you wish to display and then press the [Enter] key, or use the e-mail tool to send/receive items or perform other activities.**

   The [Dial-up Connection] window will appear.

3. **Click on the [Connect] button**



Dial-up Connection

Select the service you want to connect to, and then enter your user name and password.

Connect to: London A

User name: rgoody99

Password: ●●●●●●●●●●●●●●●●

☑ Save password

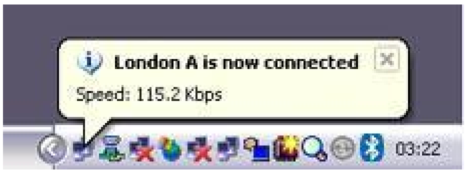
☐ Connect automatically

Important

- A connection will be automatically established with the modem station if COM Auto Connect is available. If

COM Auto Connect is not available, please manually connect to the modem station.

The following message will appear once you have connected to the Internet.

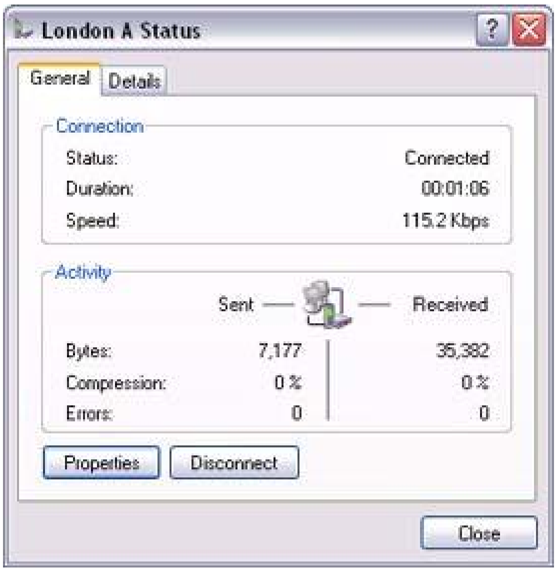


London A is now connected

Speed: 115.2 Kbps

4. **End the connection**

The window below will appear if you double-click on the icon in the task bar.



Status: Connected

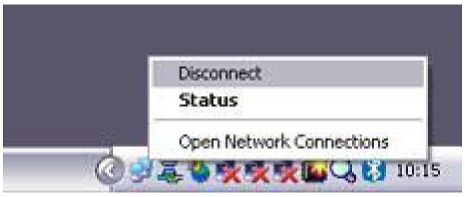
Duration: 00:01:06

Speed: 115.2 Kbps

	Sent	Received
Bytes:	7,177	35,382
Compression:	0 %	0 %
Errors:	0	0

Please click on the [Disconnect] button when you want to disconnect from the Internet.

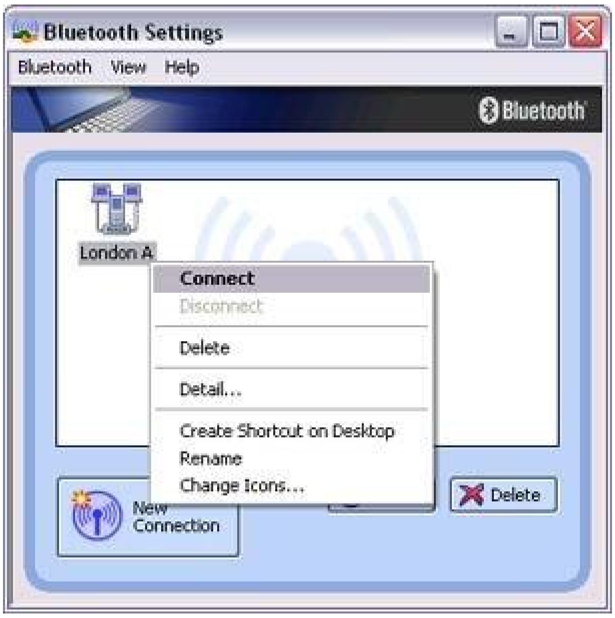
Alternatively, please right-click on the icon, and then click on [Disconnect].



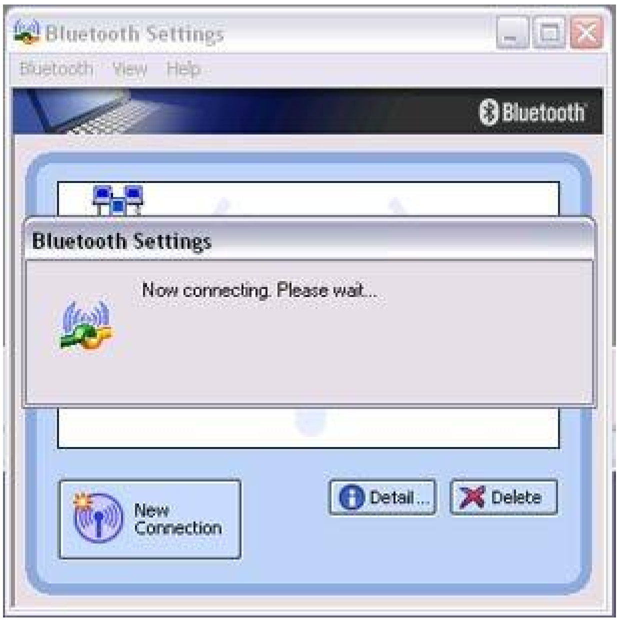
Note

- You can start an application to make an automatic connection to the Internet, but you can also make a manual connection using the connection destination icon.
  The procedure is described below.

1. **From the [Bluetooth Settings] window, right-click on the connection destination icon, and then click on [Connect] from the menu that appears**

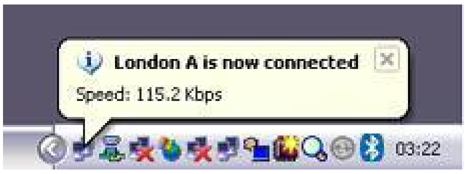


A window indicating that the connection is being established will appear.



Now connecting. Please wait...

If the connection has been established successfully, the connection icon and task tray will appear as shown below.



London A is now connected

Speed: 115.2 Kbps

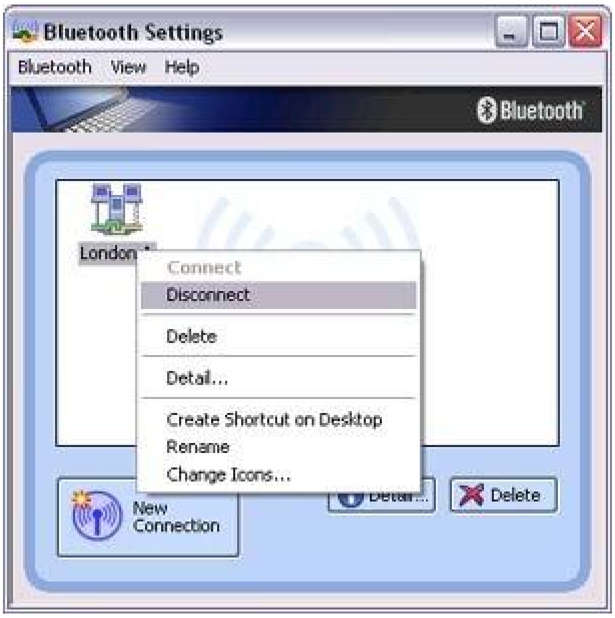
You will be able to browse Web pages using your browser and send and receive e-mail.

Important

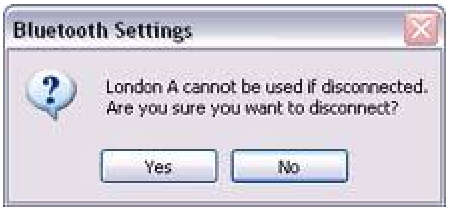
- Please enter the e-mail settings separately if you are going to use e-mail (the set-up method will vary with the application).

2. **End the connection**

Right-click on the icon, and then click [Disconnect] to end the connection.



The following message will appear. Click on the [Yes] button.

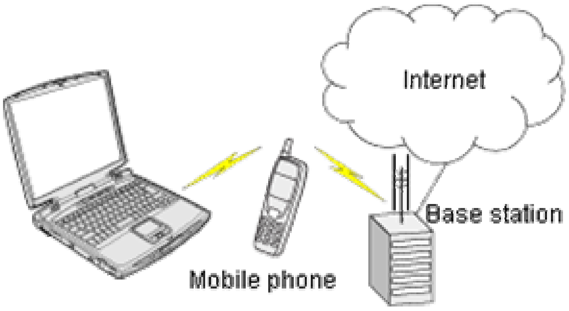


London A cannot be used if disconnected.
Are you sure you want to disconnect?

When the icon appears as shown below, the connection will have ended.

Connecting to the Internet using a mobile telephone [DUN]

This section describes how to connect to the Internet via a telephone line, using a mobile telephone.



Configuring a mobile telephone for use as a modem
Connecting to the Internet

Important

- In order to connect to the Internet, you must have already signed up with a provider and obtained a connection ID and password. Please ensure you have confirmed the ID, password and telephone number of your provider's access point before you begin the set-up process.
- A Bluetooth passkey (PIN code) is required for you to connect to the mobile telephone. Please make a note of your Bluetooth passkey before you start the set-up process.

Configuring a mobile telephone for use as a modem

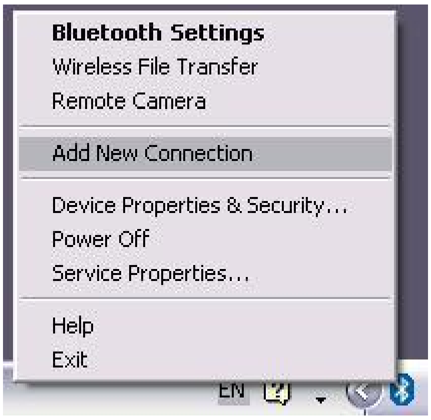
Procedure

1. **Turn on the mobile telephone, and set it to be connectable via Bluetooth**

   Note

   - Please refer to the mobile telephone instruction manual for information on how to operate the device.

2. **Right-click on the Bluetooth icon in the task tray, and then click on [Add New Connection]**

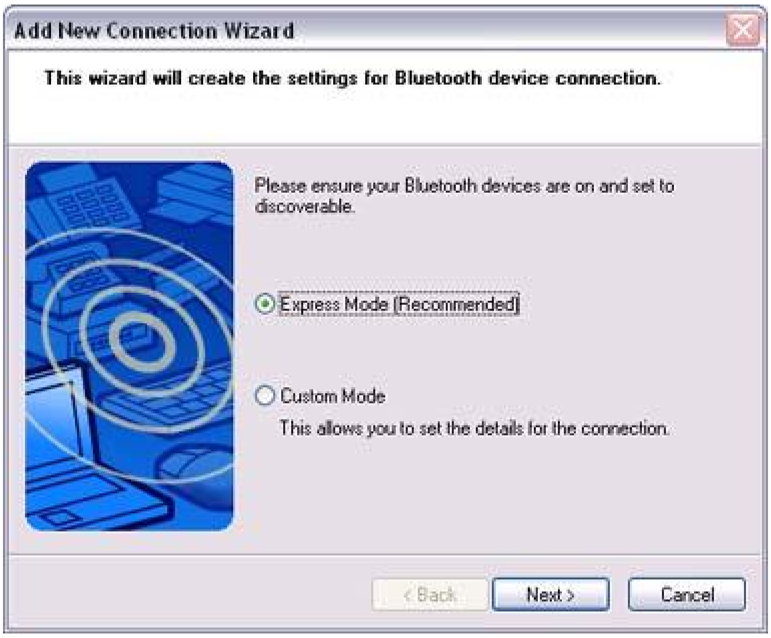


Note

- Alternatively, click [Start] -> [All Programs] -> [Bluetooth] -> [Bluetooth Settings], and then click on [New Connection] from the active [Bluetooth Settings] window.

The [Add New Connection Wizard (Welcome to the Add New Connection Wizard)] window will appear.

3. **Confirm that [Express Mode] has been selected, and then click on the [Next] button**



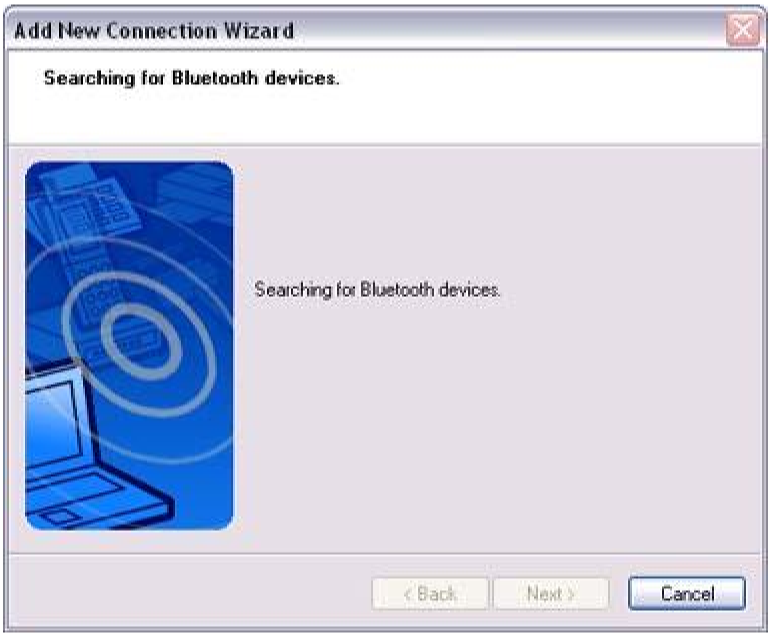
This wizard will create the settings for Bluetooth device connection.

Please ensure your Bluetooth devices are on and set to discoverable.

● Express Mode (Recommended)

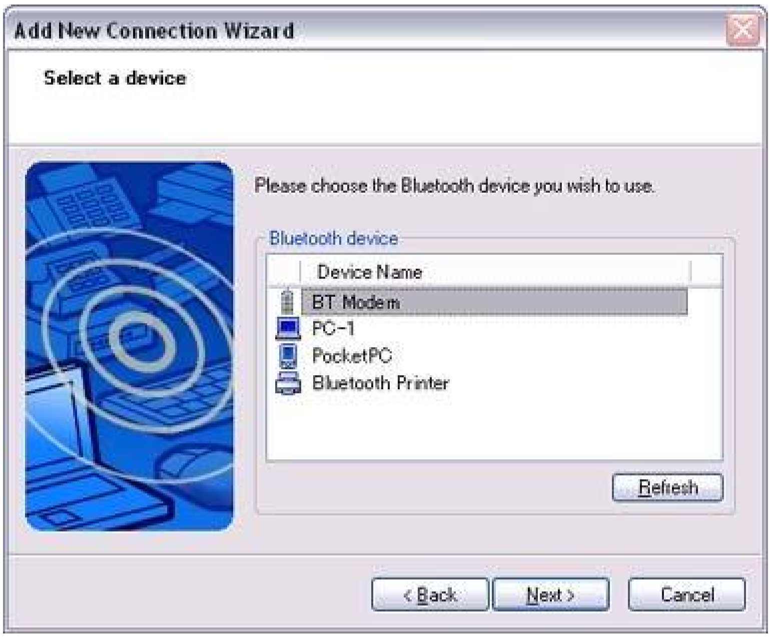
○ Custom Mode
This allows you to set the details for the connection.

The [Add New Connection Wizard (Searching for Bluetooth devices)] window will appear.



Searching for Bluetooth devices.

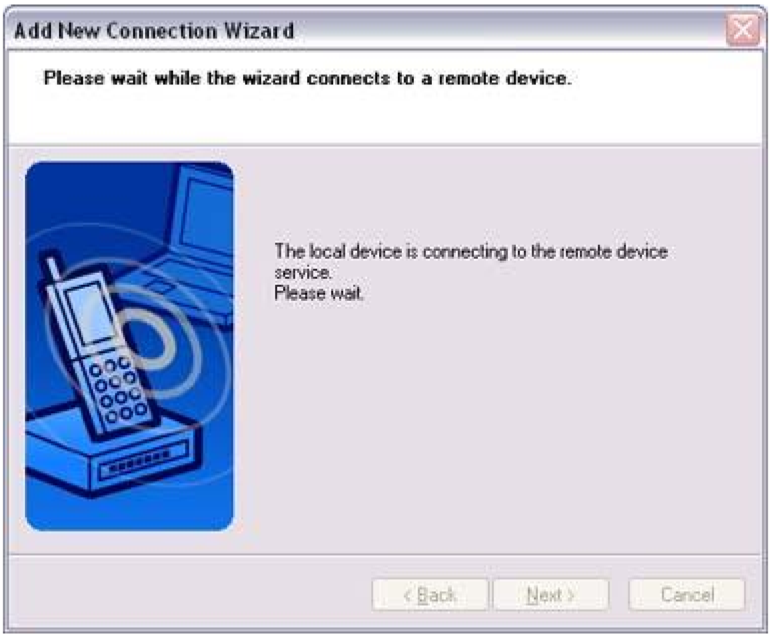
4. **Select the device name of the mobile telephone from [Device List], and then click on the [Next] button**



Please choose the Bluetooth device you wish to use.

Device Name
BT Modem
PC-1
PocketPC
Bluetooth Printer

The [Add New Connection Wizard (Searching for Services)] window will appear.

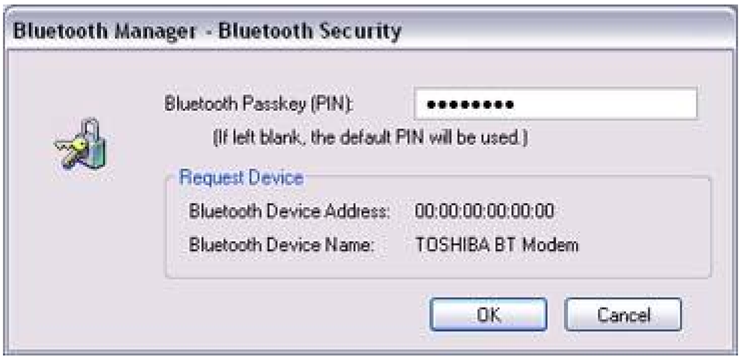

Add New Connection Wizard

Please wait while the wizard connects to a remote device.

The local device is connecting to the remote device service.
Please wait.

Once a service has been detected successfully, connection to the device and COM port creation will be performed automatically, after which the [Add New Connection Wizard (Modem Settings)] window will appear.

5. **If you are connecting to a mobile telephone for the first time, enter the passkey for the wireless modem station under [Bluetooth Passkey (PIN code)], and then click on the [OK] button**


Bluetooth Manager - Bluetooth Security

Bluetooth Passkey (PIN): ••••••••

(If left blank, the default PIN will be used.)

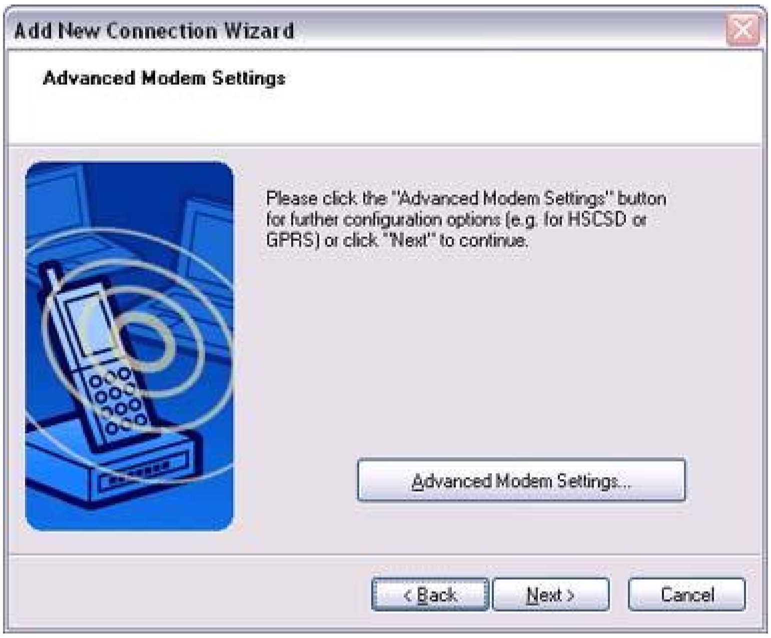
Request Device

Bluetooth Device Address: 00:00:00:00:00:00

Bluetooth Device Name: TOSHIBA BT Modem

Once the program has finished searching for the devices, the [Add New Connection Wizard (Device Selection)] window will appear.

6. **Click on the [Next] button**

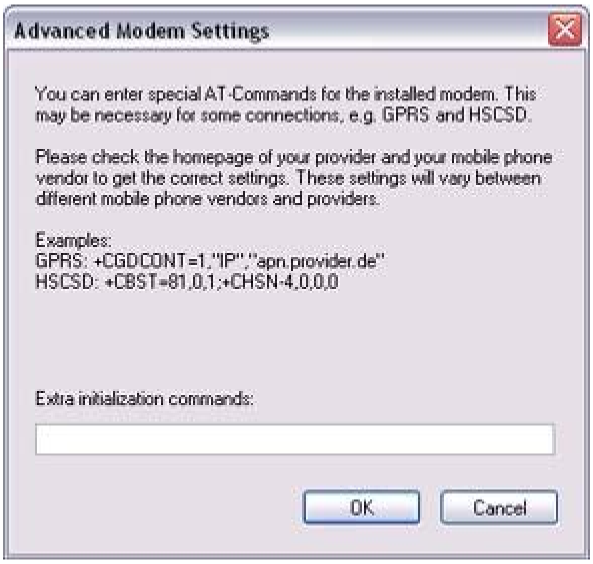


Add New Connection Wizard

Advanced Modem Settings

Please click the "Advanced Modem Settings" button for further configuration options (e.g. for HSCSD or GPRS) or click "Next" to continue.

Certain modems require you to configure initialization commands separately.
Please click on the [Additional Initialization Command Settings] button, enter the initialization commands in the following window, and then click on the [OK] button.



Advanced Modem Settings

You can enter special AT-Commands for the installed modem. This may be necessary for some connections, e.g. GPRS and HSCSD.

Please check the homepage of your provider and your mobile phone vendor to get the correct settings. These settings will vary between different mobile phone vendors and providers.

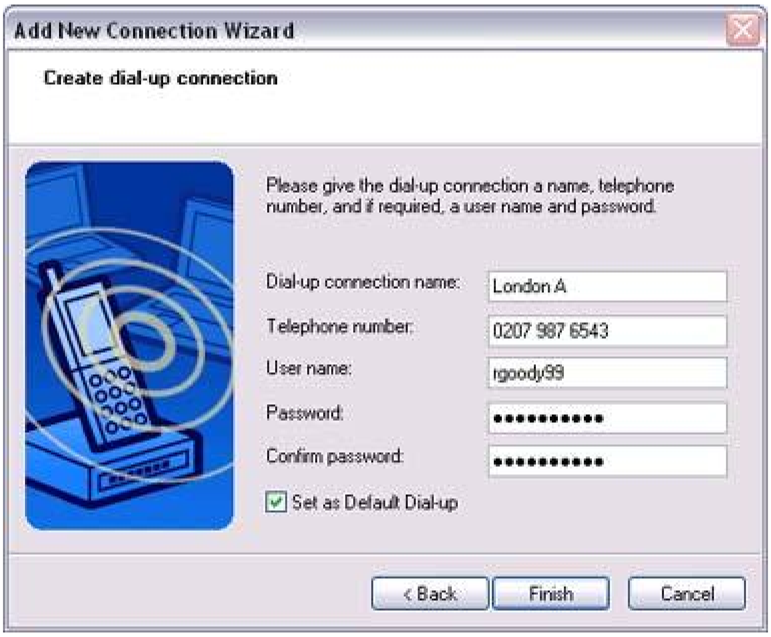
Examples:
GPRS: +CGDCONT=1,"IP","apn.provider.de"
HSCSD: +CBST=81,0,1;+CHSN-4,0,0,0

Extra initialization commands:

Note

- Please refer to the modem or mobile phone instruction manual for further details on the initialization commands.

7. **Enter the connection name (optional), telephone number (of your provider's access point), user name and password (as issued by your provider), and then click on the [Finish] button.**



Create dial-up connection

Please give the dial-up connection a name, telephone number, and if required, a user name and password.

Dial-up connection name: London A

Telephone number: 0207 987 6543

User name: rgoody99

Password: •••••••••••

Confirm password: •••••••••••

☑ Set as Default Dial-up

Important

- The sample entries shown in the window are provided solely for purpose of explanation. Please use your own telephone number, ID and password according to the arrangement with your provider.

The settings will be registered, and an icon will appear in the [Bluetooth Settings] window.

London A

Connecting to the Internet

You can connect to the Internet by following the procedure below if the connection destination registered when you configured the mobile telephone has been set as the default connection destination.

1. **Start your browser, e-mail application or other application**

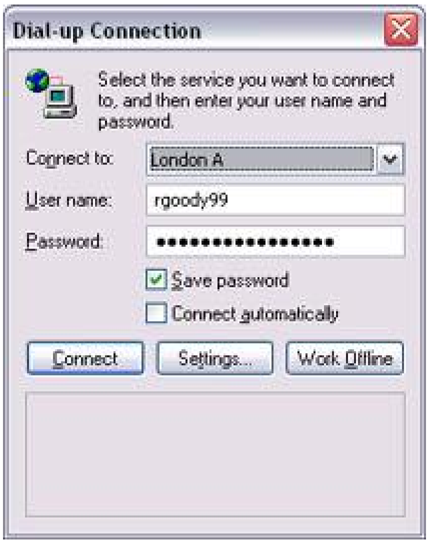
   Important

   - Please enter the e-mail settings separately if you are going to use e-mail (the set-up method will vary with the application).

2. **Enter the URL of the Web page you wish to display and then press the [Enter] key, or use the e-mail tool to send/receive items or perform other activities.**

The [Dial-up Connection] window will appear.

3. **Click on the [Connect] button**


Dial-up Connection

Select the service you want to connect to, and then enter your user name and password.

Connect to: London A

User name: rgoody99

Password: ●●●●●●●●●●●●●●●●●

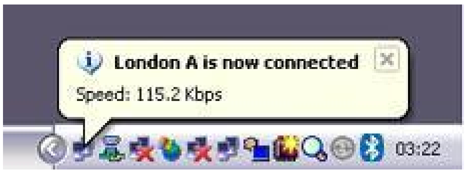
☑ Save password

☐ Connect automatically

Important

- A connection will be automatically established with the mobile telephone if COM Auto Connect is available. If COM Auto Connect is not available, please manually connect to the mobile telephone.

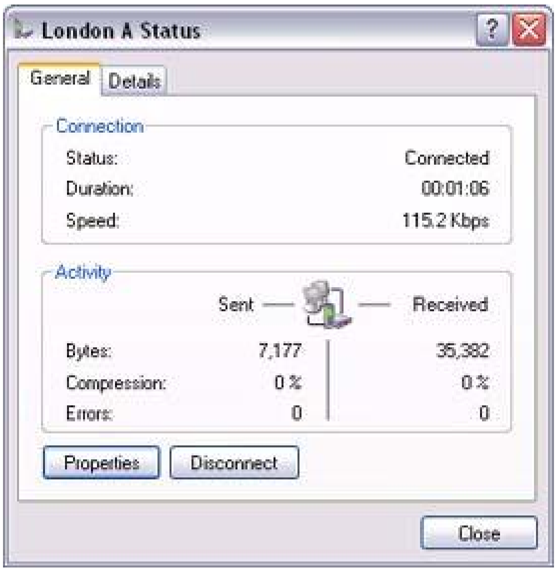
The following message will appear once you have connected to the Internet.


London A is now connected

Speed: 115.2 Kbps

4. **End the connection**

The window below will appear if you double-click on the icon in the task bar.



Connection

Status: Connected

Duration: 00:01:06

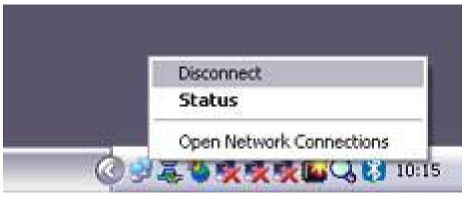
Speed: 115.2 Kbps

Activity

	Sent	Received
Bytes:	7,177	35,382
Compression:	0 %	0 %
Errors:	0	0

Please click on the [Disconnect] button when you want to disconnect from the Internet.

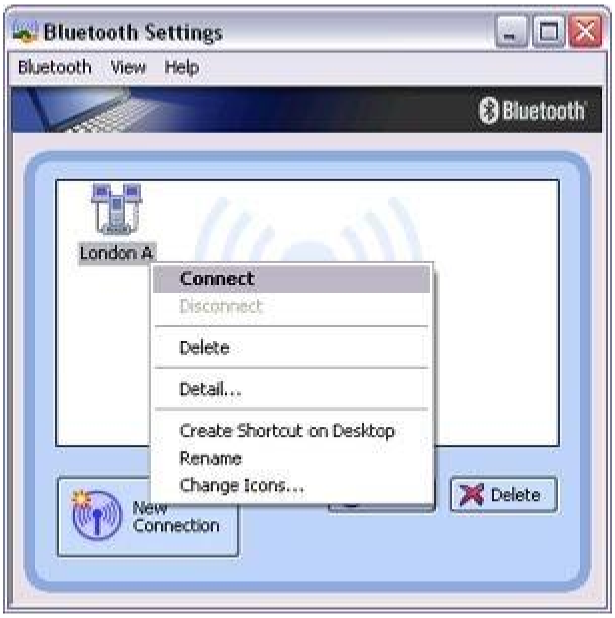
Alternatively, please right-click on the icon, and then click on [Disconnect].



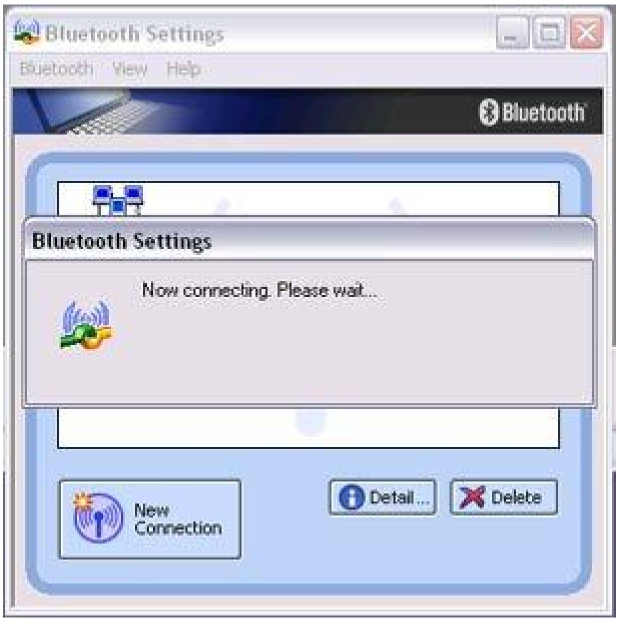
Note

- You can start an application to make an automatic connection to the Internet, but you can also make a manual connection using the connection destination icon.
  The procedure is described below.

1. **From the [Bluetooth Settings] window, right-click on the connection destination icon, and then click on [Connect] from the menu that appears**

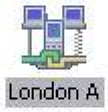


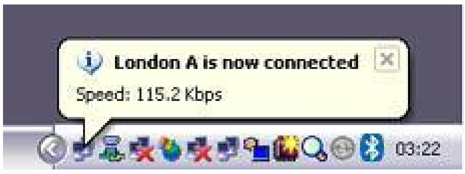
A window indicating that the connection is being established will appear.



Now connecting. Please wait...

If the connection has been established successfully, the connection icon and task tray will appear as shown below.





London A is now connected

Speed: 115.2 Kbps

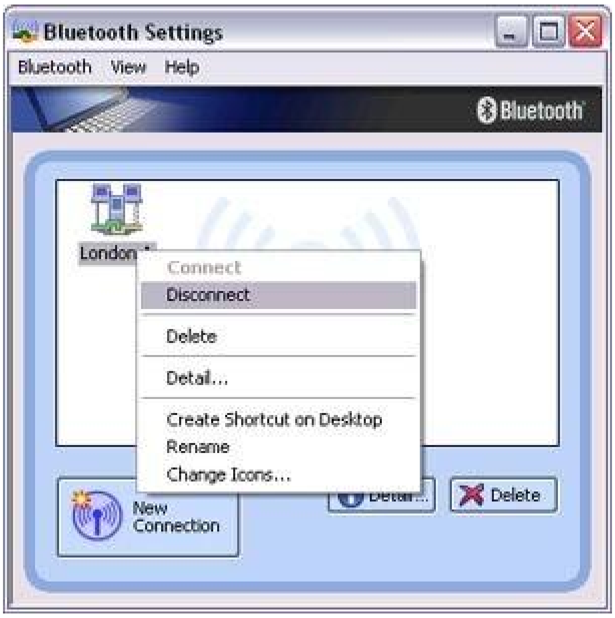
You will be able to browse Web pages using your browser and send and receive e-mail.

Important

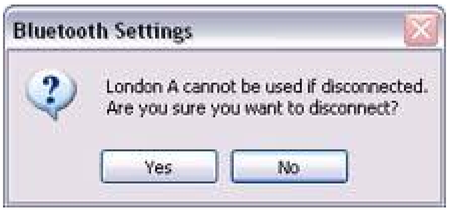
- Please enter the e-mail settings separately if you are going to use e-mail (the set-up method will vary with the application).

2. **End the connection**

Right-click on the icon, and then click [Disconnect] to end a connection.



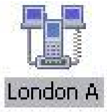
The following message will appear. Click on the [Yes] button.



Bluetooth Settings

London A cannot be used if disconnected.
Are you sure you want to disconnect?

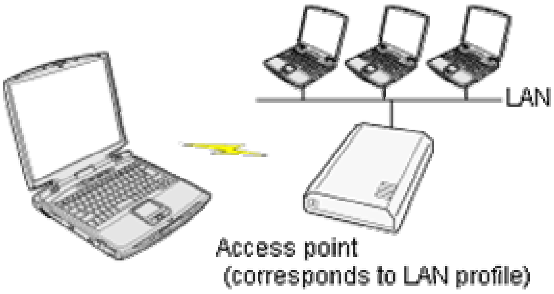
When the icon appears as shown below, the connection will have been ended.



Connecting to a LAN using an access point (LAP)

[LAP]

This section describes how to connect to a network (for example, a company LAN or a personal home network) using a LAP profile-compatible access point.
Please refer to "Using an access point (PAN) to connect to a LAN if you are using a PAN profile-compatible access point.



Setting up the access point
Connecting to a LAN (LAP)

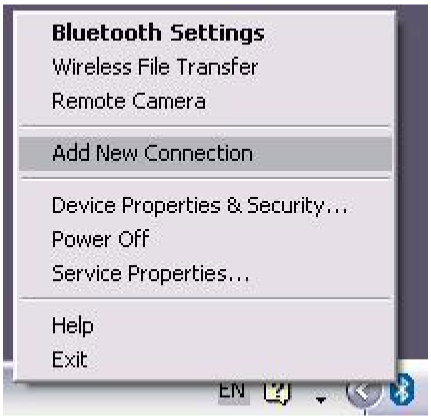
Important

- The access point must have been started and a normal connection already established to the network before the access point is set up. Please refer to the access point instruction manual for information on how to set up the access point.
- A Bluetooth passkey (PIN code) is required for you to connect to the access point. Please make a note of your Bluetooth passkey before you start the set-up process.

Setting up the access point

Procedure

1. **Turn on the access point, and confirm that a connection has been established with the network**
2. **Right-click the Bluetooth icon in the task tray, and then click on [Add New Connection]**

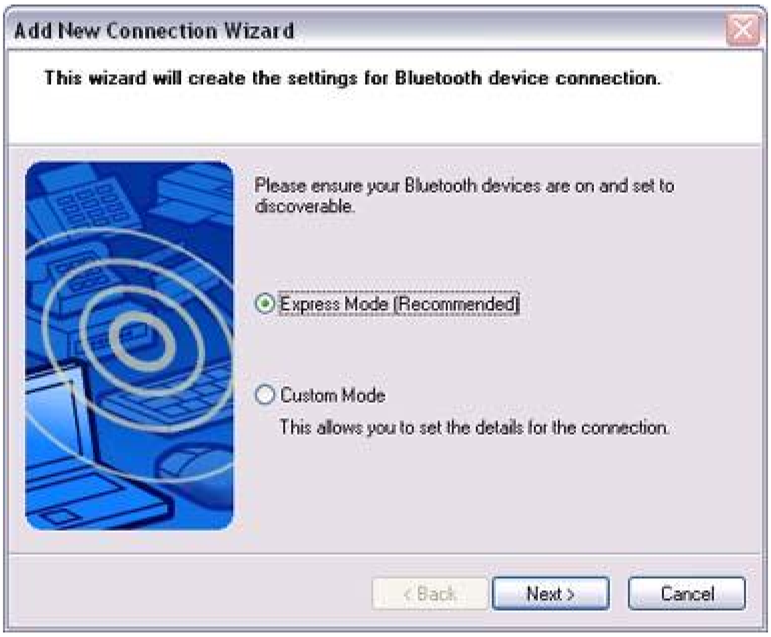


Note

- Alternatively, click [Start] -> [All Programs] -> [Bluetooth] -> [Bluetooth Settings], and then click on [New Connection] from the active [Bluetooth Settings] window.

The [Add New Connection Wizard (Welcome to the Add New Connection Wizard)] window will appear.

3. **Confirm that [Express Mode] has been selected, and then click on the [Next] button**



This wizard will create the settings for Bluetooth device connection.

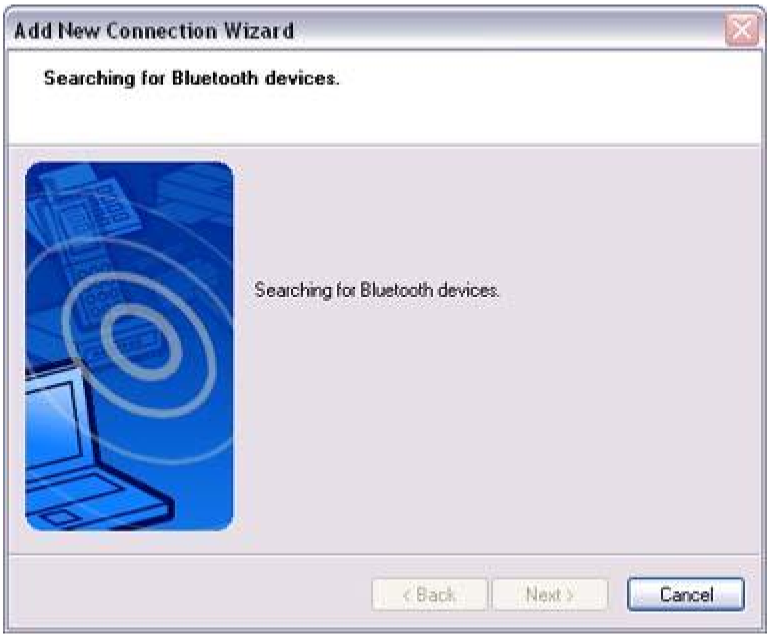
Please ensure your Bluetooth devices are on and set to discoverable.

● Express Mode (Recommended)

○ Custom Mode

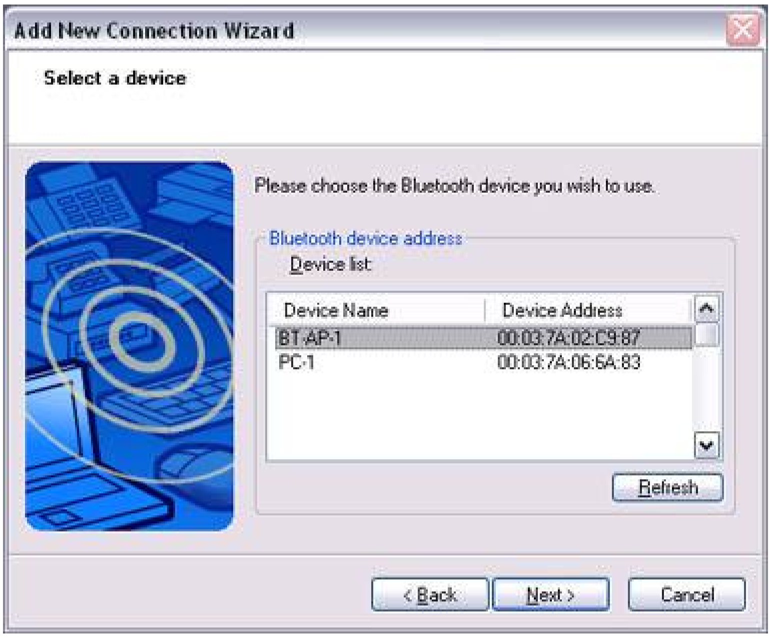
This allows you to set the details for the connection.

The [Add New Connection Wizard (Searching for Bluetooth devices)] window will appear.


Add New Connection Wizard
Searching for Bluetooth devices.
Searching for Bluetooth devices.
< Back
Next >
Cancel

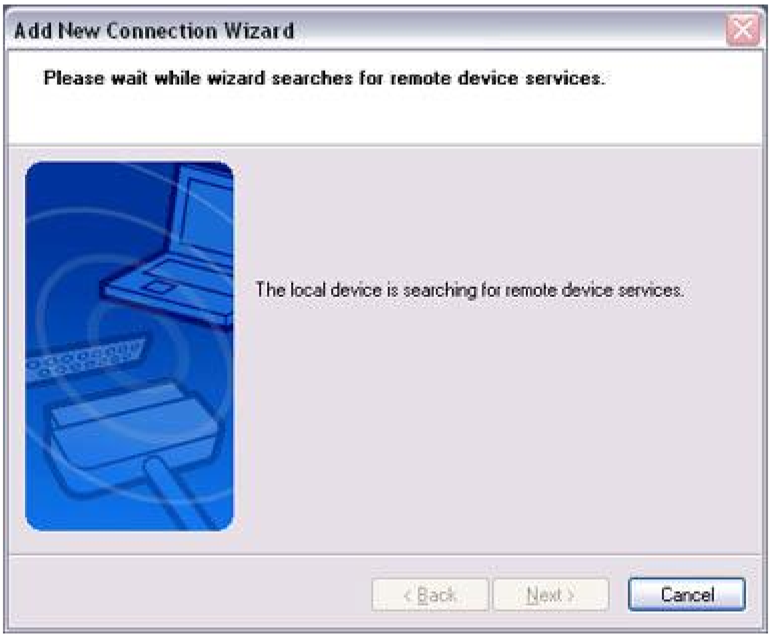
Once the program has finished searching for the devices, the [Add New Connection Wizard (Device Selection)] window will appear.

4. **Select the device name of the access point from [Device List], and then click on the [Next] button**


Add New Connection Wizard
Select a device
Please choose the Bluetooth device you wish to use.
Bluetooth device address
Device list:
Refresh
< Back
Next >
Cancel

Device Name	Device Address
BT-AP-1	00:03:7A:02:C9:87
PC-1	00:03:7A:06:6A:83

The [Add New Connection Wizard (Searching for Services)] window will appear.



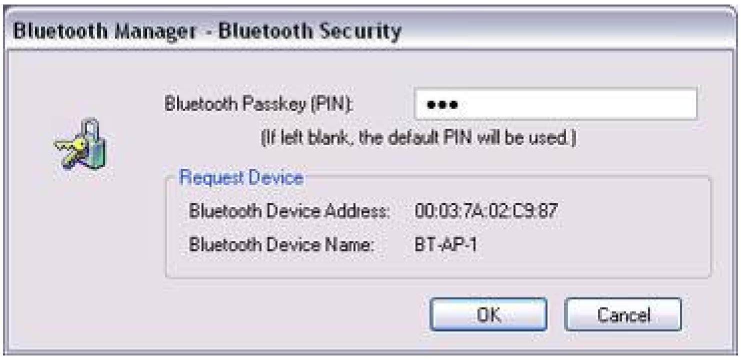
Add New Connection Wizard

Please wait while wizard searches for remote device services.

The local device is searching for remote device services.

You will be asked for the Bluetooth passkey in the window that appears.

5. **Enter the passkey under [Bluetooth Passkey (PIN code)], and then click on the [OK] button**



Bluetooth Manager - Bluetooth Security

Bluetooth Passkey (PIN): ●●●

(If left blank, the default PIN will be used.)

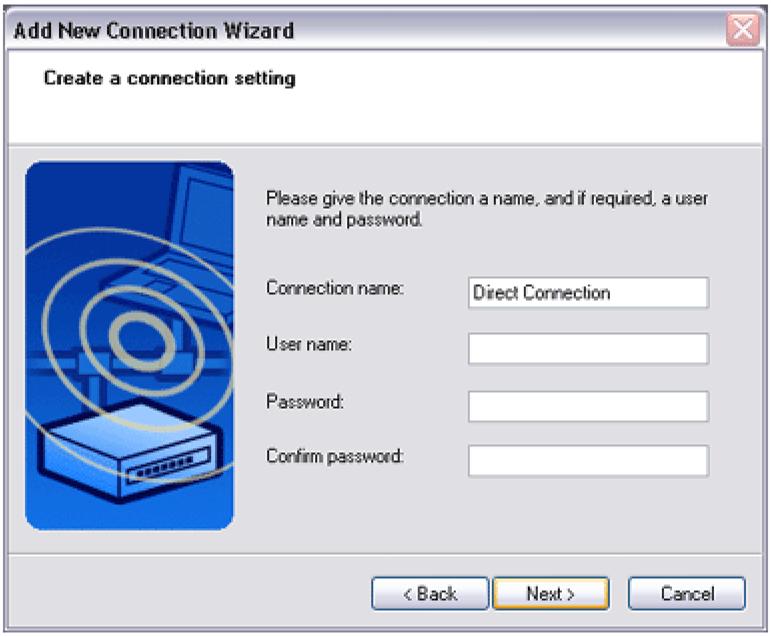
Request Device

Bluetooth Device Address: 00:03:7A:02:C9:87

Bluetooth Device Name: BT-AP-1

Service detection and COM port creation will be performed automatically.
The [Add New Connection Wizard (Create Connection Destination)] window will appear.

6. **Enter the connection name, user name and password, then click on the [Next] button**



Please give the connection a name, and if required, a user name and password.

Connection name: Direct Connection

User name:

Password:

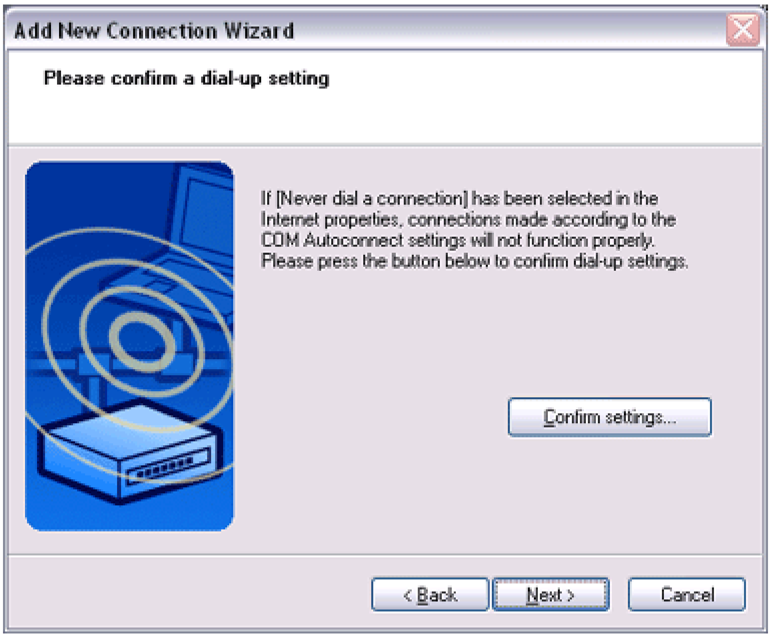
Confirm password:

Note

- The user name and password are entered here to allow you to connect to the access point.

The [Add New Connection Wizard (Confirm Dial-up Settings)] window will appear.

7. **Click on the [Confirm Settings] button**

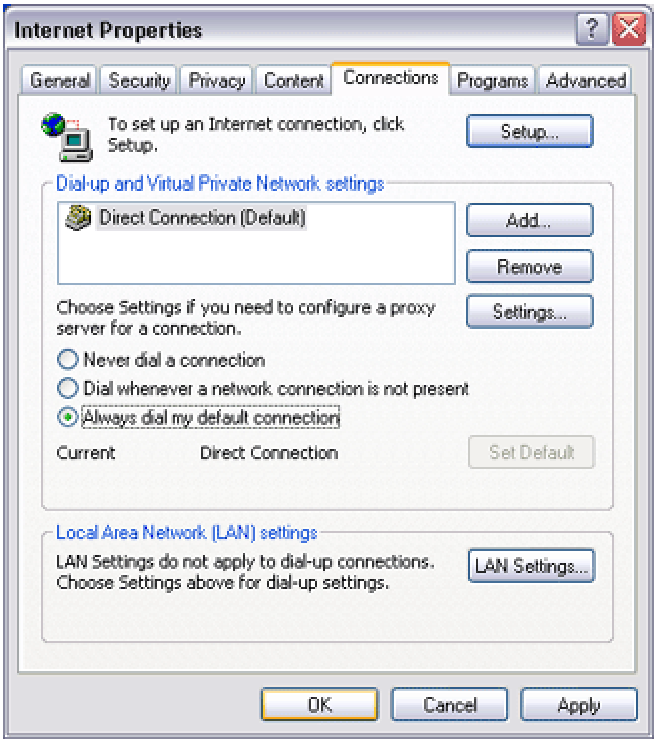


If [Never dial a connection] has been selected in the Internet properties, connections made according to the COM Autoconnect settings will not function properly.
Please press the button below to confirm dial-up settings.

The [Internet Options] window will appear.

8. **Configure the connection method, and then click on the [OK] button**

Set the connection destination used for the LAN connection set up in (6) above as the default connection destination, and then select "Always dial my default connection."



To set up an Internet connection, click Setup.

Dial-up and Virtual Private Network settings

Direct Connection (Default)

Choose Settings if you need to configure a proxy server for a connection.

○ Never dial a connection

○ Dial whenever a network connection is not present

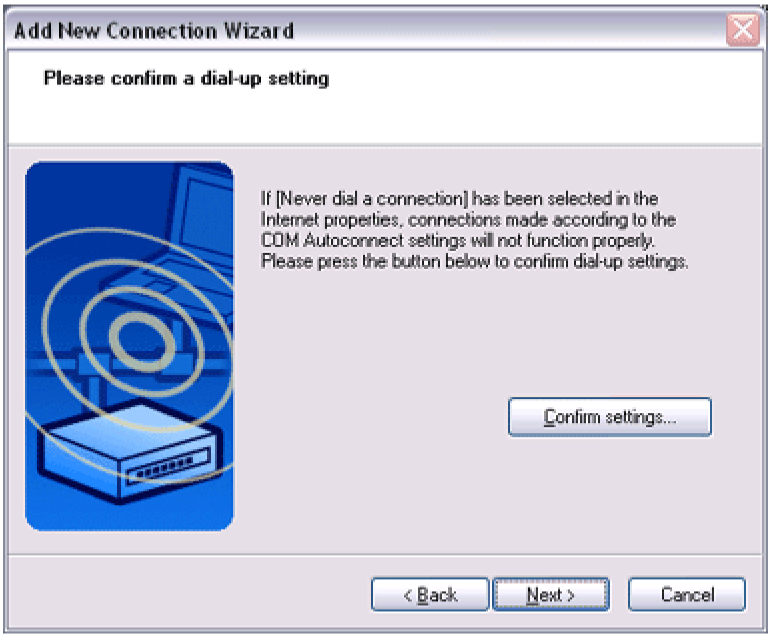
● Always dial my default connection

Current Direct Connection

Local Area Network (LAN) settings

LAN Settings do not apply to dial-up connections. Choose Settings above for dial-up settings.

9. **Click on the [Next] button**



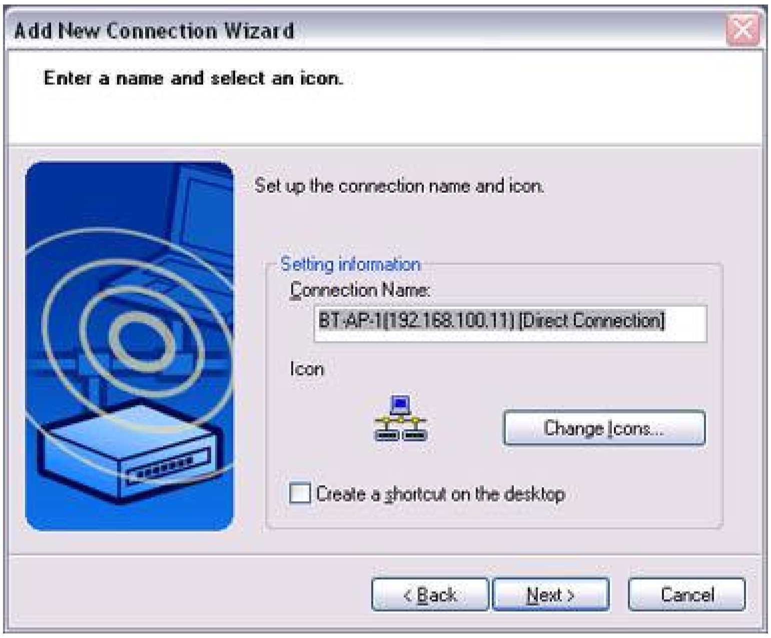
Please confirm a dial-up setting

If [Never dial a connection] has been selected in the Internet properties, connections made according to the COM Autoconnect settings will not function properly. Please press the button below to confirm dial-up settings.

The [Add New Connection Wizard (Connection Name Settings)] window will appear.

10. **Enter the type and name of the icon displayed after registration, and then click on the [Next] button**

Please click on the [Next] button if you are satisfied with the settings.

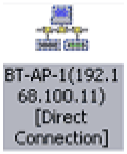

Add New Connection Wizard
Enter a name and select an icon.
Set up the connection name and icon.
Setting information
Icon
Change Icons...
☐ Create a shortcut on the desktop
< Back
Next >
Cancel

Connection Name: BT-AP-1(192.168.100.11) [Direct Connection]

The [Add New Connection Wizard (Completing the Add New Connection Wizard)] window will appear.

11. **Click on the [Finish] button**

The access point icon will be registered in the [Bluetooth Settings] window.



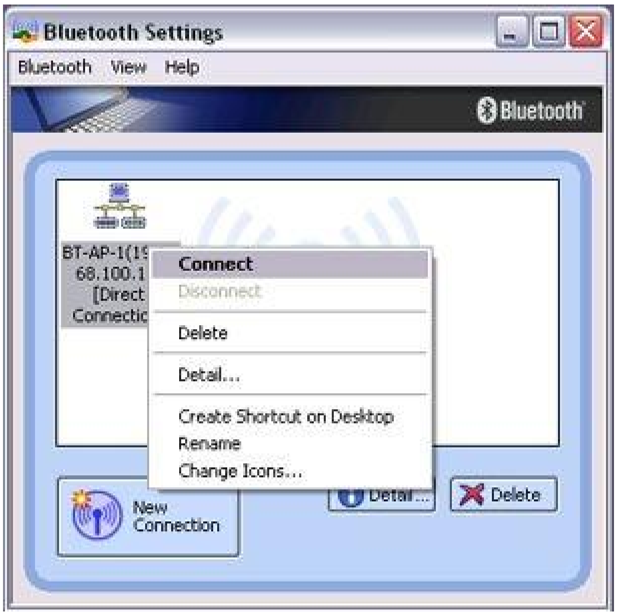
This will complete the access point set-up process.

"**Connecting to a LAN (LAP)**"

Connecting to a LAN (LAP)

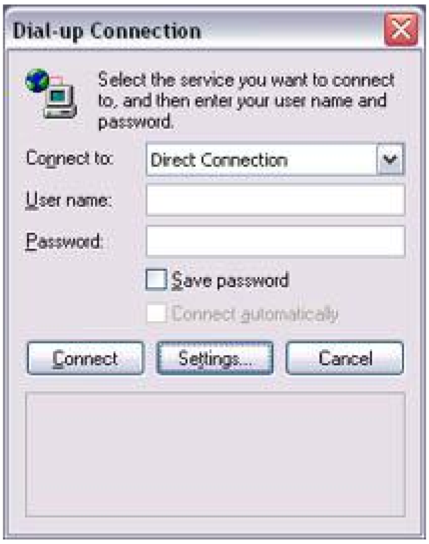
Procedure

1. **Right-click on the connection icon in the [Bluetooth Settings] window, and then click on [Connect]**



The [Dial-up Connection] window will appear.

2. **Confirm that "Direct connection" has been selected under [Connection Destination], and then click on the [Connect] button**



Select the service you want to connect to, and then enter your user name and password.

Connect to: Direct Connection

User name:

Password:

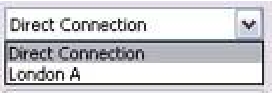
☐ Save password

☐ Connect automatically

A connection will be initiated.

Note

- This is an example of what happens when you use "Direct connection" as a connection name under "Connect to access point." If a name different from the connection name is used, that name will appear under [Connection Destination].
- Please simply click on [Settings] if no user name or password have been entered (i.e., if those fields have been left blank)
- Please change the connection destination if a different connection name (for a dial-up connection) appears in [Connection Destination].



Related topic "Changing the default connection destination"

Once you connect to the network, Internet Explorer will start automatically, and you will be able to exchange data with other computers on the network.

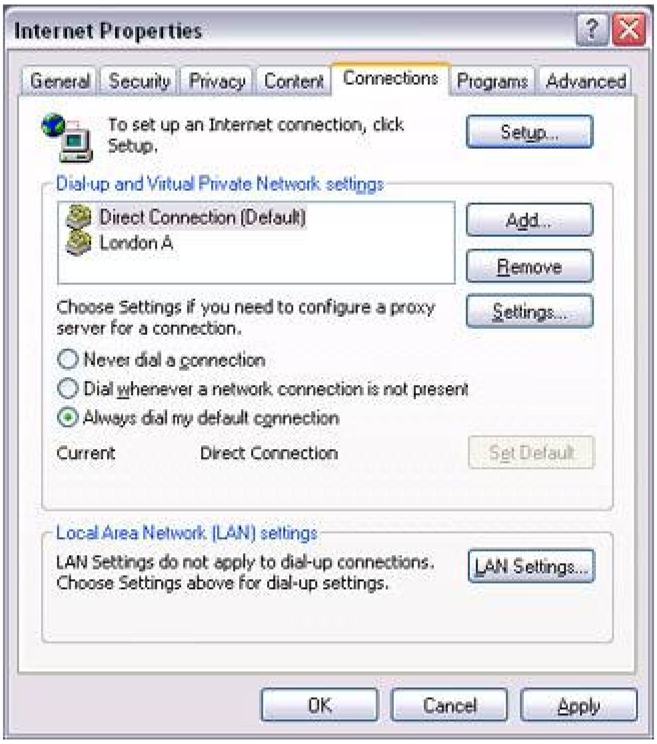
Note

- Please follow the procedure below if you need to set up a proxy server to connect to the Internet (the following procedure is not necessary if the PC you are going to use has already been set up as a proxy server).

1 Select [Internet Options...] from the [Tools] menu in Internet Explorer

The [Internet Options] window will appear.

2 Click on the [Connections] tab, and then click on the [Settings...] button



To set up an Internet connection, click Setup.

Dial-up and Virtual Private Network settings

Direct Connection (Default)
London A

Choose Settings if you need to configure a proxy server for a connection.

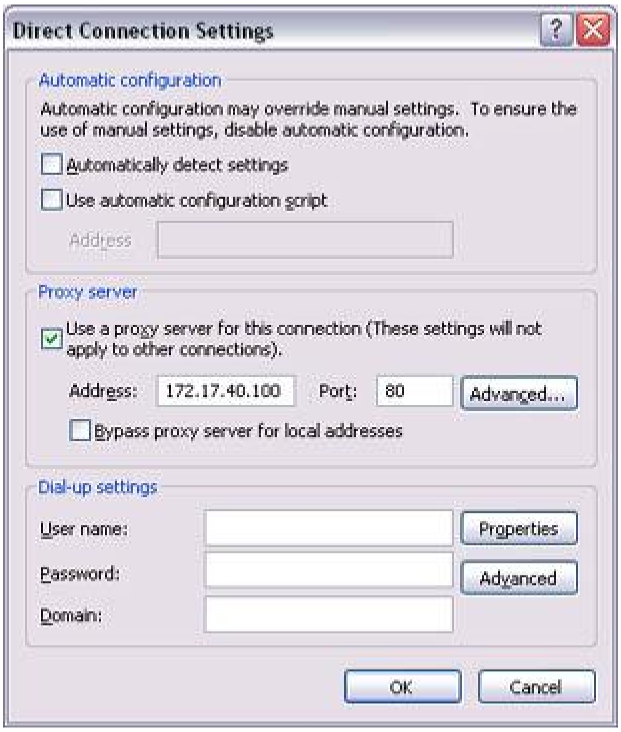
○ Never dial a connection
○ Dial whenever a network connection is not present
● Always dial my default connection

Current Direct Connection

Local Area Network (LAN) settings

LAN Settings do not apply to dial-up connections. Choose Settings above for dial-up settings.

3 Enter the IP address and port number of the proxy server under [Proxy Server], and then click on the [OK] button



Automatic configuration

Automatic configuration may override manual settings. To ensure the use of manual settings, disable automatic configuration.

☐ Automatically detect settings
☐ Use automatic configuration script

Address

Proxy server

☑ Use a proxy server for this connection (These settings will not apply to other connections).

Address: 172.17.40.100 Port: 80

☐ Bypass proxy server for local addresses

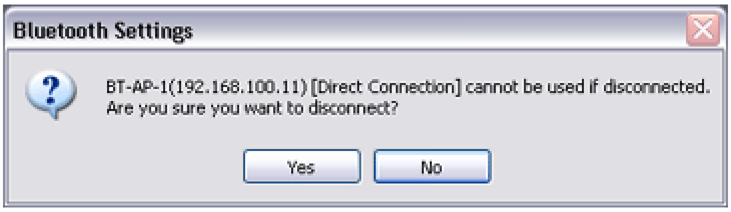
Dial-up settings

User name:
Password:
Domain:

3. **End the connection**

Right-click either on the connection icon under the [Bluetooth Settings] window or on the icon in the task tray, and then click on

[Disconnect].



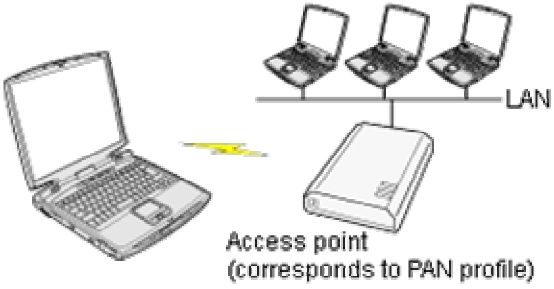
BT-AP-1(192.168.100.11) [Direct Connection] cannot be used if disconnected.
Are you sure you want to disconnect?

Click on the "Yes" button in the disconnection confirmation dialog box that appears.

Connecting to a LAN using an access point (PAN)

[PAN]

This section describes how to connect to a network (for example, a company LAN or a personal home network) using a PAN profile-compatible access point.
Please refer to "Using an access point (LAP) to connect to a LAN" if you are using a LAP profile-compatible access point.



Setting up the access point
Connecting to a LAN (PAN)

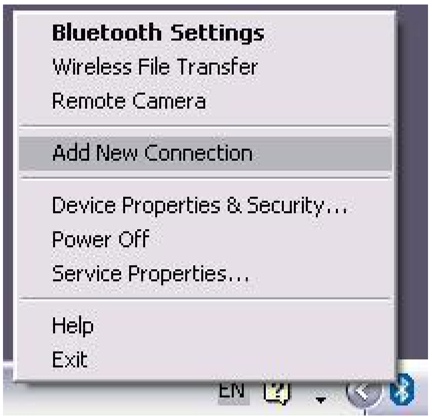
Important

- The access point must be started and a normal connection already established to the network before the access point is set up. Please refer to the access point instruction manual for information on how to set up the access point.
- A Bluetooth passkey (PIN code) is required for you to connect to the access point. Please make a note of your Bluetooth passkey before you start the set-up process.

Setting up the access point

Procedure

1. **Turn on the access point, and confirm that a connection has been established with the network**
2. **Right-click the Bluetooth icon in the task tray, and then click on [Add New Connection]**

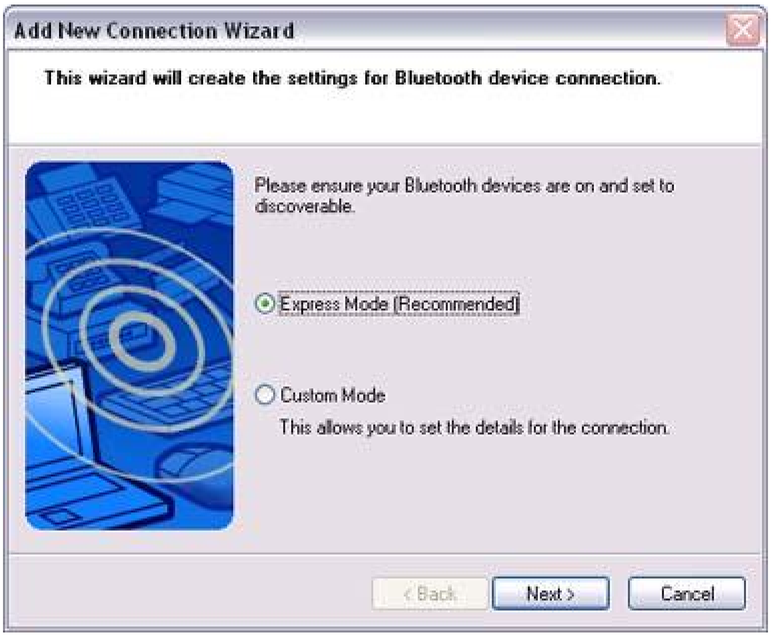


Note

- Alternatively, click [Start] -> [All Programs] -> [Bluetooth] -> [Bluetooth Settings], and then click on [New Connection] from the active [Bluetooth Settings] window.

The [Add New Connection Wizard (Welcome to the Add New Connection Wizard)] window will appear.

3. **Confirm that [Express Mode] has been selected, and then click on the [Next] button**



This wizard will create the settings for Bluetooth device connection.

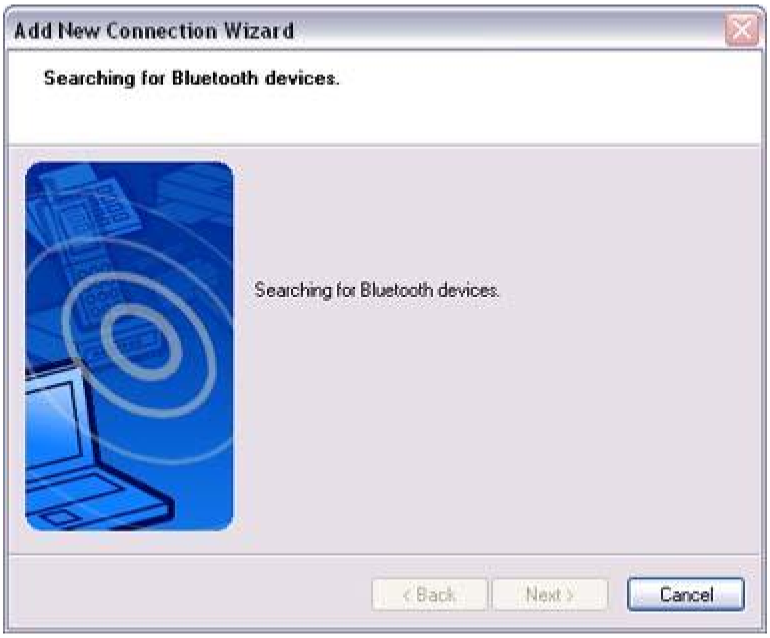
Please ensure your Bluetooth devices are on and set to discoverable.

● Express Mode (Recommended)

○ Custom Mode

This allows you to set the details for the connection.

The [Add New Connection Wizard (Searching for Bluetooth devices)] window will appear.

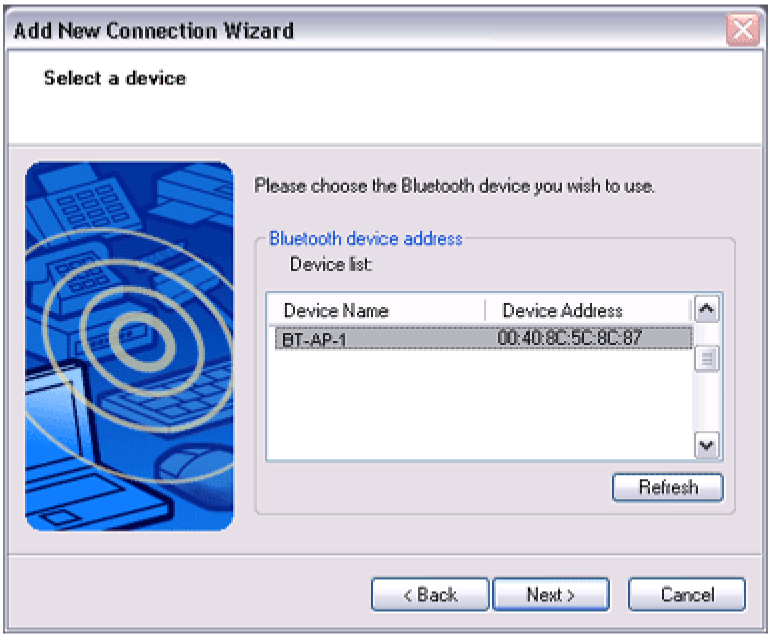


Searching for Bluetooth devices.

Searching for Bluetooth devices.

Once the program has finished searching for the devices, the [Add New Connection Wizard (Device Selection)] window will appear.

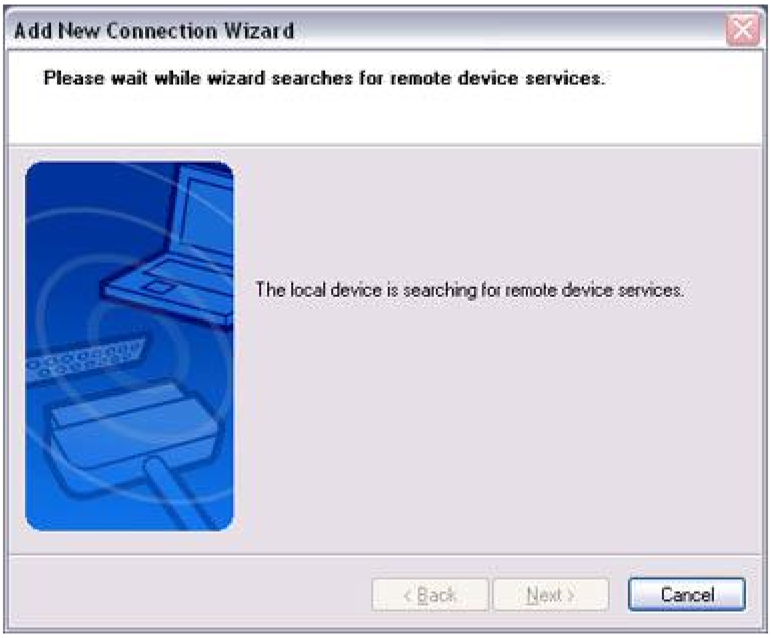
4. **Select the device name of the access point from [Device List], and then click on the [Next] button**



Please choose the Bluetooth device you wish to use.

Device Name	Device Address
BT-AP-1	00:40:8C:5C:8C:87

The [Add New Connection Wizard (Searching for Services)] window will appear.

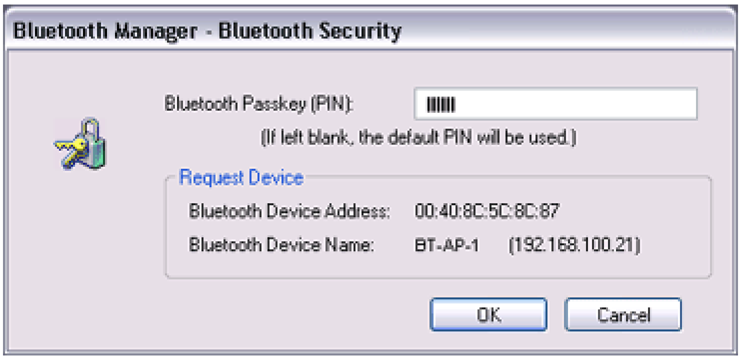


Please wait while wizard searches for remote device services.

The local device is searching for remote device services.

You will be asked for the Bluetooth passkey in the window that appears.

5. **Enter the passkey under [Bluetooth Passkey (PIN code)], and then click on the [OK] button**


Bluetooth Manager - Bluetooth Security

Bluetooth Passkey (PIN): ||||||

(If left blank, the default PIN will be used.)

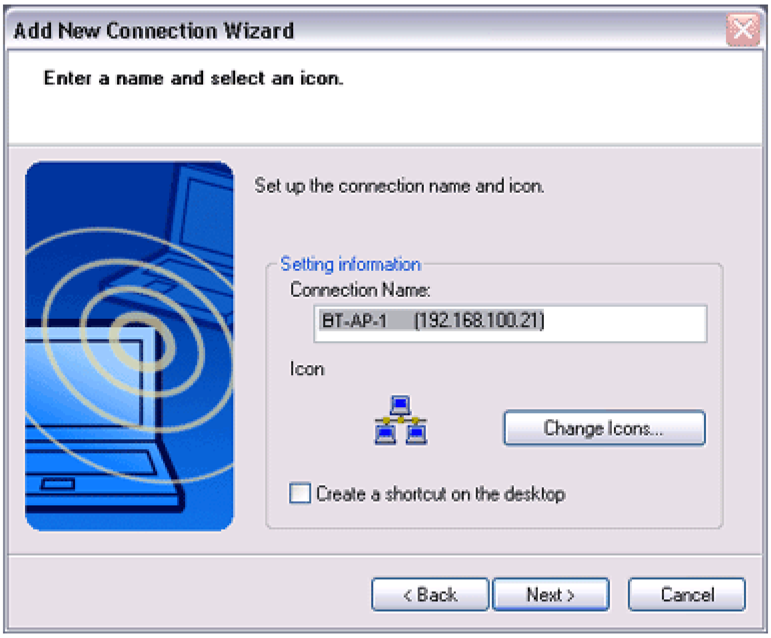
Request Device

Bluetooth Device Address: 00:40:8C:5C:8C:87

Bluetooth Device Name: BT-AP-1 (192.168.100.21)

Service detection and COM port creation will be performed automatically.
The [Add New Connection Wizard (Connection Name Settings)] window will appear.

6. **Enter the type and name of the icon displayed after registration, and then click on the [Next] button**
Please click on the [Next] button if you are satisfied with the settings.


Add New Connection Wizard

Enter a name and select an icon.

Set up the connection name and icon.

Setting information

Connection Name: BT-AP-1 (192.168.100.21)

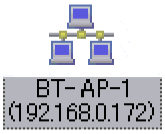
Icon

☐ Create a shortcut on the desktop

The [Add New Connection Wizard (Completing the Add New Connection Wizard)] window will appear.

7. **Click on the [Finish] button**

The access point icon will be registered in the [Bluetooth Settings] window.



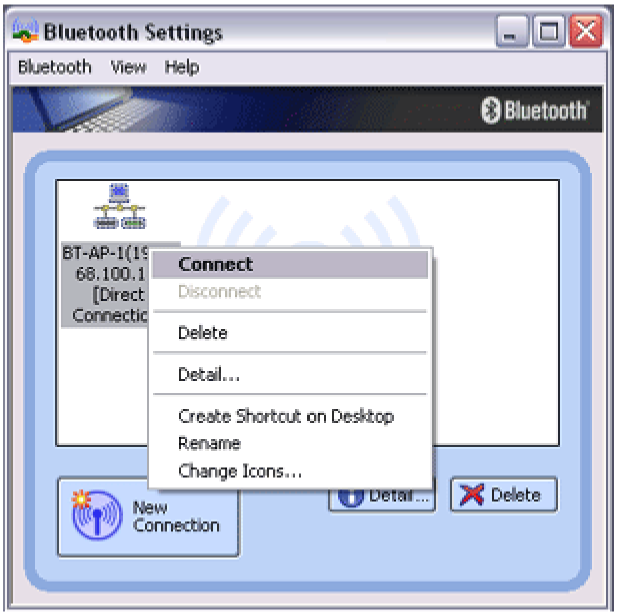
This will complete the access point set-up process.

"Connecting to a LAN (PAN)"

Connecting to a LAN (PAN)

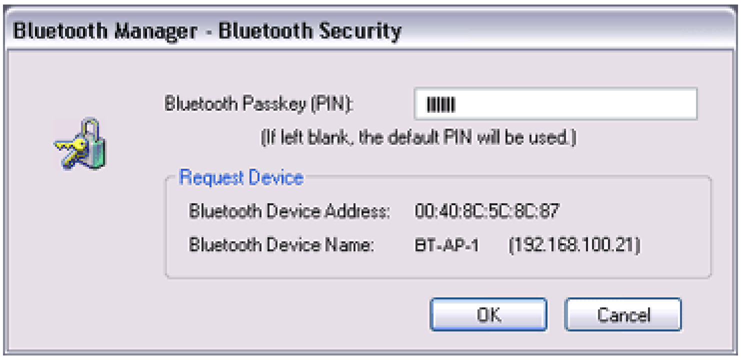
Procedure

1. **Right-click on the connection icon in the [Bluetooth Settings] window, and then click on [Connect]**



You will be asked for the Bluetooth passkey in the window that appears.

2. **Enter the passkey under [Bluetooth Passkey (PIN code)], and then click on the [OK] button**



Bluetooth Passkey (PIN): ||||||

(If left blank, the default PIN will be used.)

Request Device

Bluetooth Device Address: 00:40:8C:5C:8C:87

Bluetooth Device Name: BT-AP-1 (192.168.100.21)

A connection will be initiated.

Once you have connected to the network, Internet Explorer will start automatically, and you will be able to exchange data with other computers on the network.

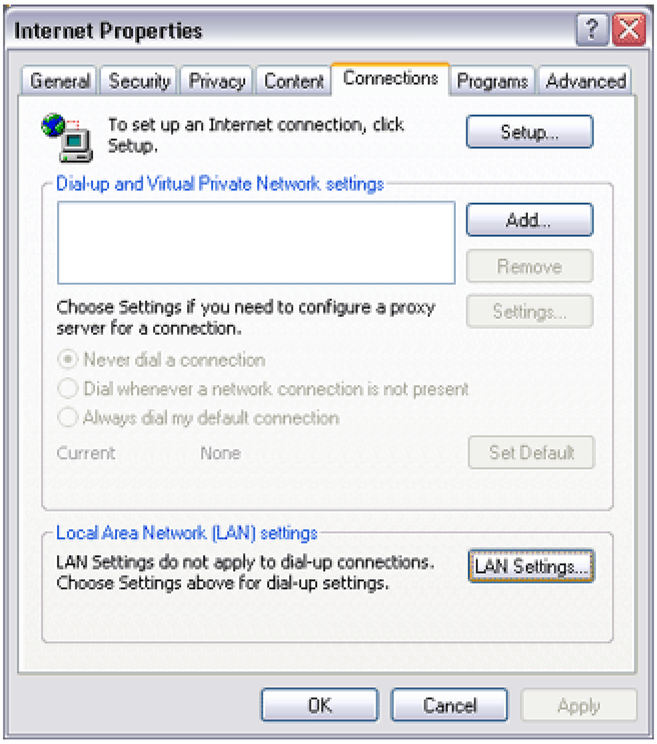
Note

- Please follow the procedure below if you need to set up a proxy server to connect to the Internet (the following procedure is not necessary if the PC you are going to use has already been set up as a proxy server).

1 Select [Internet Options...] from the [Tools] menu in Internet Explorer

The [Internet Options] window will appear.

2 Click on the [Connections] tab, and then click on the [LAN Settings...] button



To set up an Internet connection, click Setup.

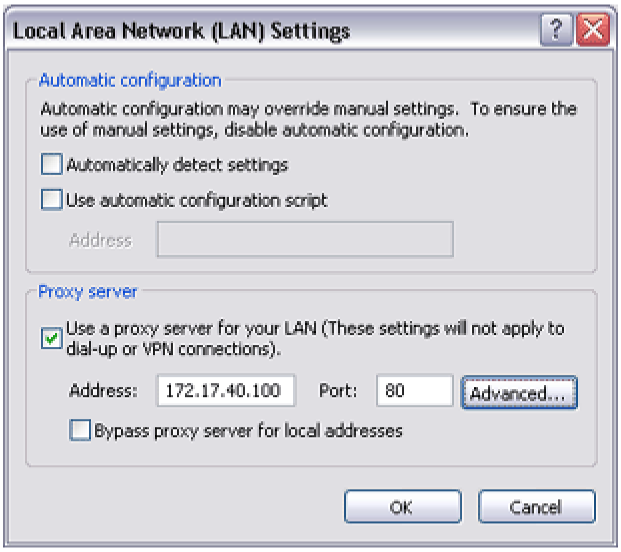
Choose Settings if you need to configure a proxy server for a connection.

● Never dial a connection
○ Dial whenever a network connection is not present
○ Always dial my default connection

Current None

LAN Settings do not apply to dial-up connections. Choose Settings above for dial-up settings.

3 Enter the IP address and port number of the proxy server under [Proxy Server], and then click on the [OK] button



Automatic configuration may override manual settings. To ensure the use of manual settings, disable automatic configuration.

☐ Automatically detect settings

☐ Use automatic configuration script

Address

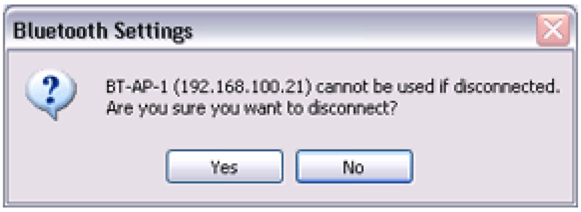
☑ Use a proxy server for your LAN (These settings will not apply to dial-up or VPN connections).

Address: 172.17.40.100 Port: 80

☐ Bypass proxy server for local addresses

3. **End the connection**

Right-click either on the connection icon under the [Bluetooth Settings] window or on the icon in the task tray, and then click on [Disconnect].



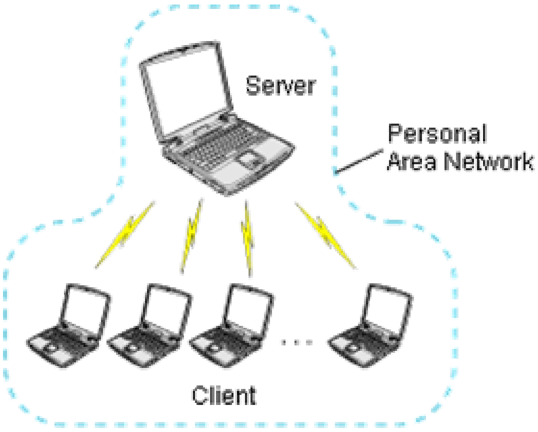
Bluetooth Settings

BT-AP-1 (192.168.100.21) cannot be used if disconnected.
Are you sure you want to disconnect?

Click on the "Yes" button in the disconnection confirmation dialog box that appears.

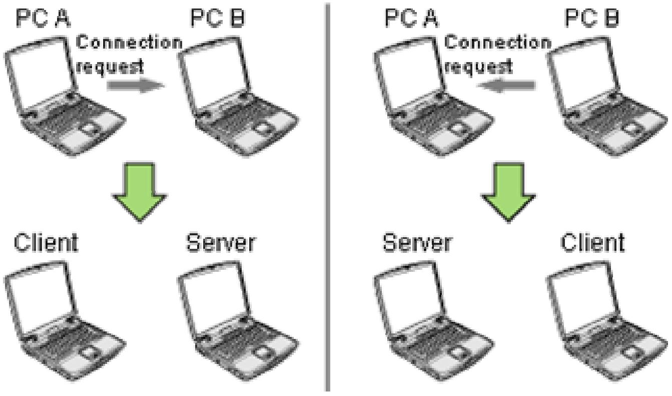
Building a personal area network [PAN]

You can use the PAN profile to build a network of Bluetooth-enabled devices.



[Operating as a server](#)
[Operating as a client](#)

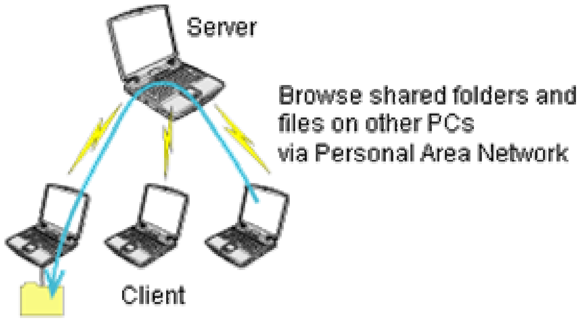
A personal area network comprises a client-server architecture. The device to which other devices connect is called the "server", and a device that connects to the server is called a "client."
The client-server relationship is not necessarily a fixed one. The first of two devices to establish a connection can be the server when one other device is present, and can be the client in other instances.

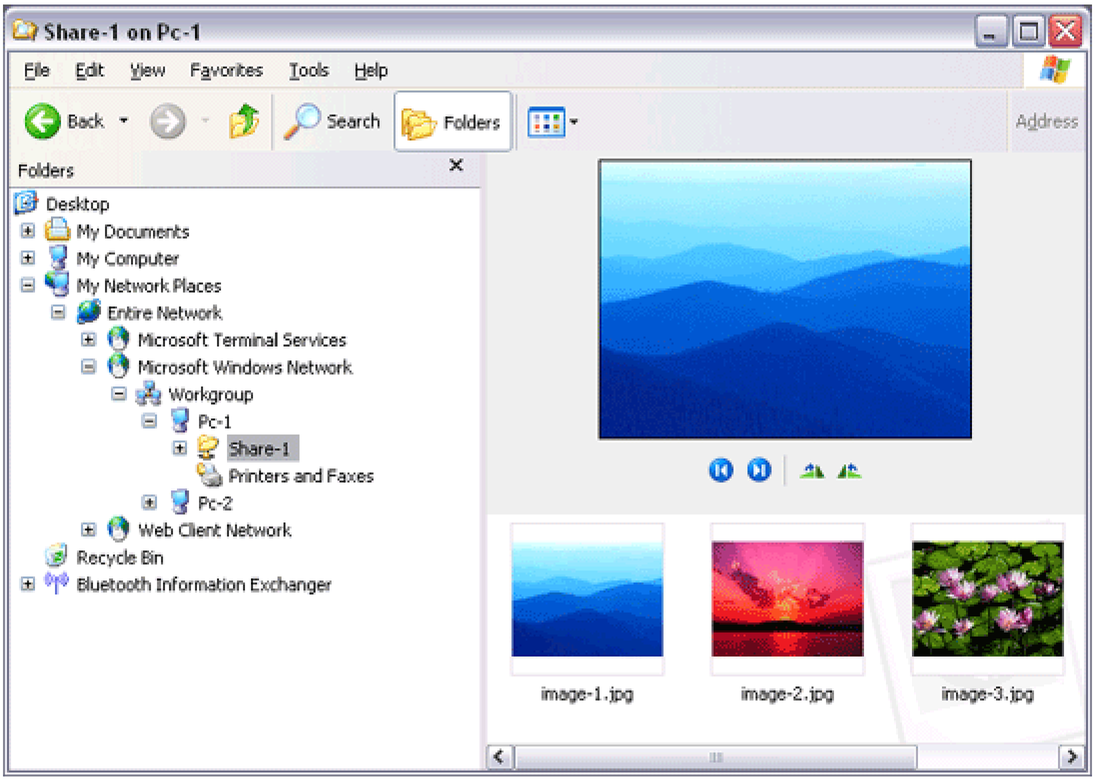


Note

- The maximum total number of devices that can be used to constitute a single personal area network is seven: one server and six clients.
  A network comprising as many as seven devices could theoretically be built, but an operating environment that involves the use of other Bluetooth devices, leaving aside other complications, might require the network to comprise fewer components..

By using the PAN profile, you will be able to build a network that uses the same TCP/IP protocol used in regular LANs. Accordingly, the machine designated as the server can be used for configuration tasks that utilize DHCP, such as assigning IP addresses to clients.
In addition, you will be able to configure folder and file sharing, which will allow data to be browsed by other servers or clients on the network.


Server
Browse shared folders and files on other PCs via Personal Area Network
Client



Important

- Please refer to Windows Help for further information on TCP/IP, DHCP and configurations for sharing.

Operating as a server

The following icon will appear in the tasktray when the PAN server function has been activated.

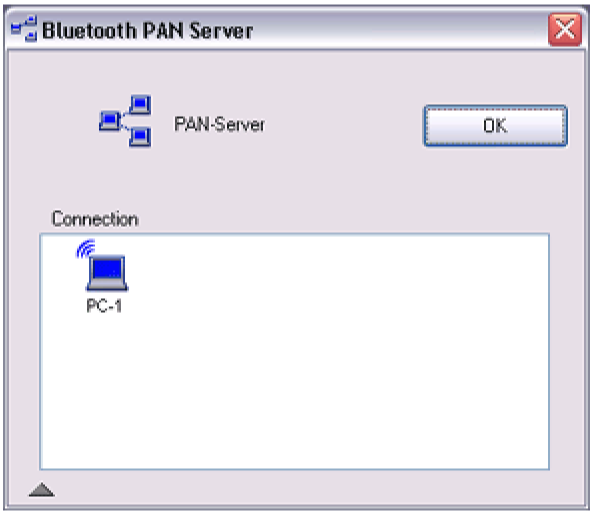
Should the icon not appear, please follow the procedure below to activate the PAN server function.

1. **Right-click the Bluetooth icon in the task tray and make sure the Option [Use PAN Group Ad-hoc Network] is enabled.**
   A message will appear asking you to confirm whether you wish to activate the PAN group ad-hoc network.
2. **Click the [Yes] button**
   The PAN server will be activated, and an icon will accordingly appear in the tasktray. Other devices that use the PAN profile will now be able to connect over the network.

Important

- When using the device as the server, make sure that all user accounts have a password set for the security reasons.

By clicking on the icon, the [Bluetooth PAN Server] window will appear.
In the graphic below, one client has established a connection.



Note

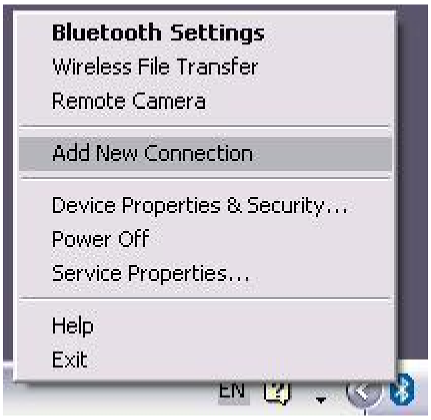
- When you try to connect to another server as a client, the task tray icon will disappear, and your machine will not be able to function as a server in response to connection requests originating from other devices.

Operating as a client

Connecting to a server as a client is performed from the [Bluetooth Settings] window, as described below.

Procedure

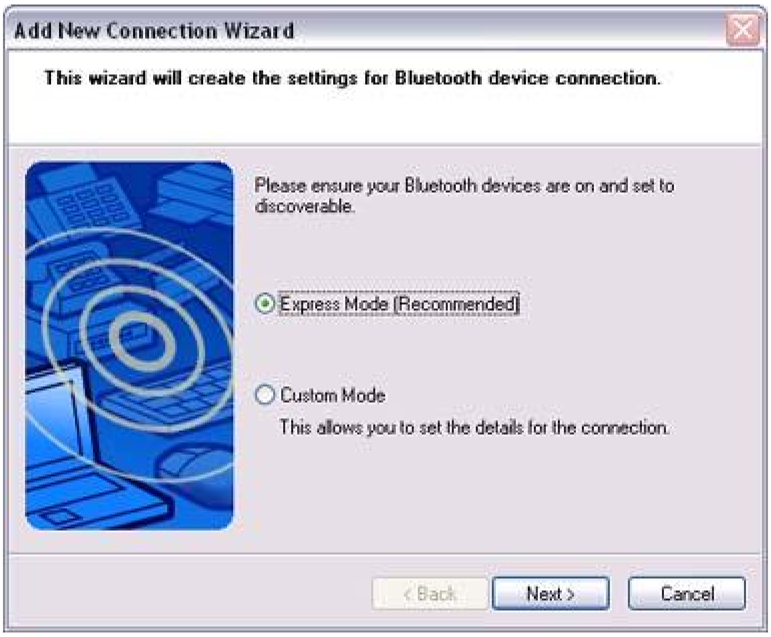
1. **Right-click on the Bluetooth icon in the task tray, and click on [Add New Connection]**

   Note

   - Alternatively, click on [Start] -> [All Programs] -> [Bluetooth] -> [Bluetooth Settings], and then on [New Connection] from the [Bluetooth Settings] window.

2. **Confirm that [Express Mode] has been selected, and then click on the [Next] button**



Add New Connection Wizard

This wizard will create the settings for Bluetooth device connection.

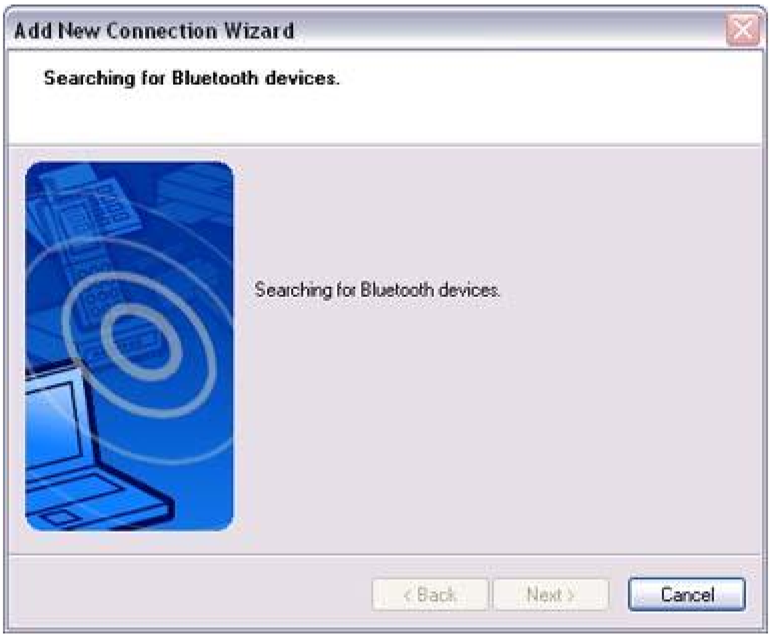
Please ensure your Bluetooth devices are on and set to discoverable.

● Express Mode (Recommended)

○ Custom Mode

This allows you to set the details for the connection.

3. **Click on the [Next] button in the advisory dialog box**
   The [Add New Connection Wizard (Searching for Bluetooth devices)] window will appear.



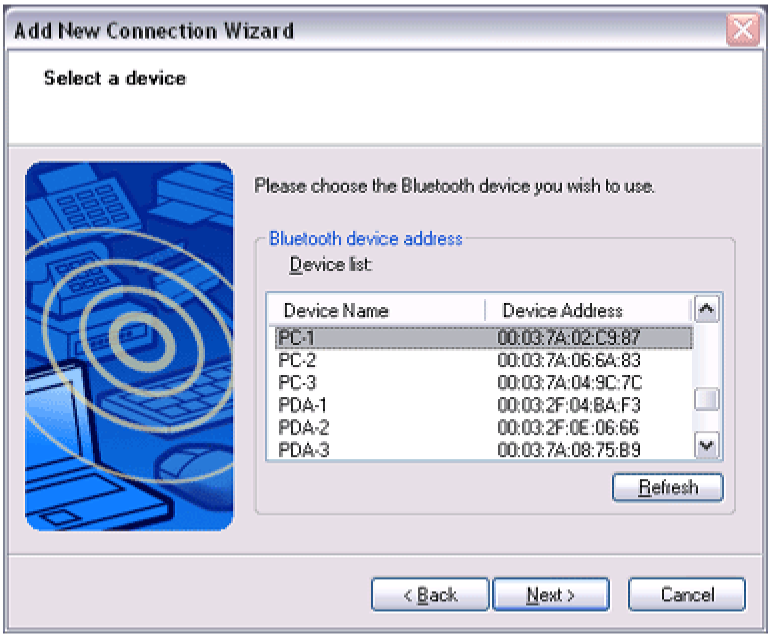
Add New Connection Wizard

Searching for Bluetooth devices.

Searching for Bluetooth devices.

Once the program has finished searching for the devices, the [Add New Connection Wizard (Device Selection)] window will appear.

4. **Select the name of the device designated as the server from [Device List], and then click on the [Next] button**



Select a device

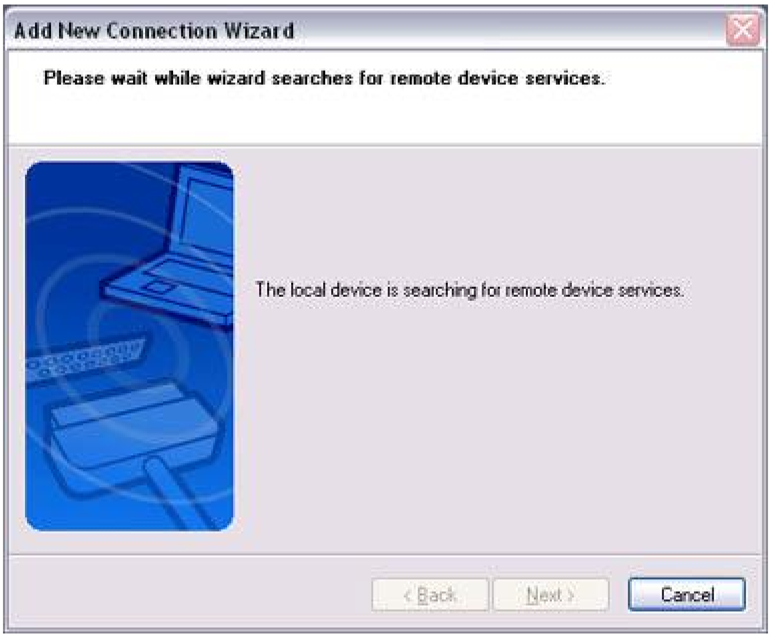
Please choose the Bluetooth device you wish to use.

Bluetooth device address

Device list:

Device Name	Device Address
PC-1	00:03:7A:02:C9:87
PC-2	00:03:7A:06:6A:83
PC-3	00:03:7A:04:9C:7C
PDA-1	00:03:2F:04:BA:F3
PDA-2	00:03:2F:0E:06:66
PDA-3	00:03:7A:08:75:B9

The [Add New Connection Wizard (Searching for Services)] window will appear.

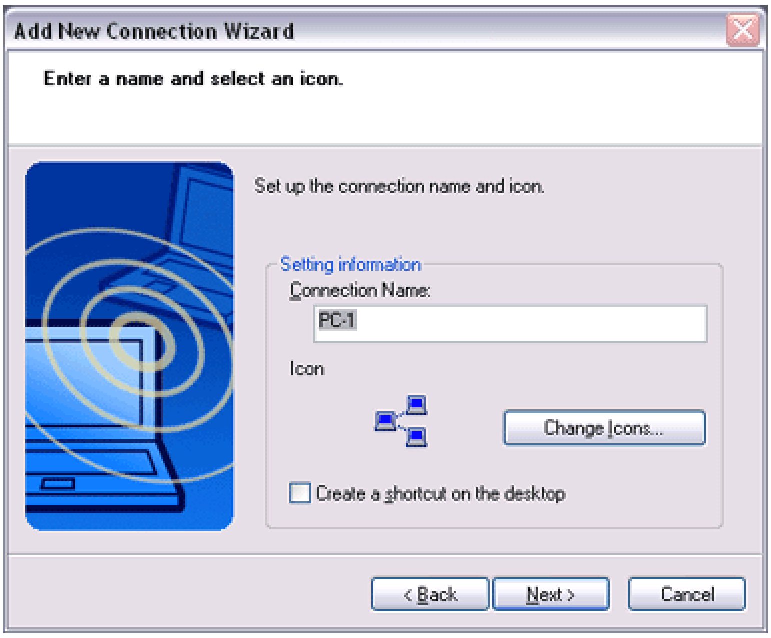


Please wait while wizard searches for remote device services.

The local device is searching for remote device services.

The [Add New Connection Wizard (Confirm Connection Name)] window will appear.

5. **Click on the [Next] button**



Add New Connection Wizard

Enter a name and select an icon.

Set up the connection name and icon.

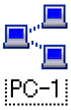
Setting information

Connection Name: PC-1

Icon

☐ Create a shortcut on the desktop

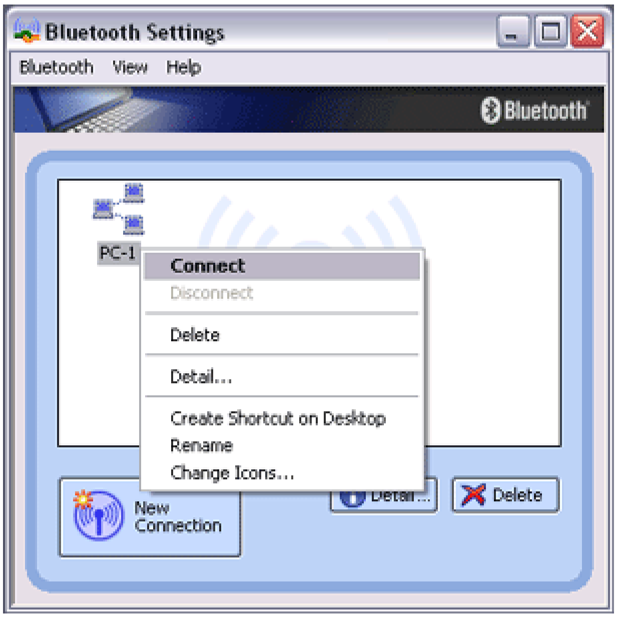
The registered icon will appear in the [Bluetooth Settings] window.



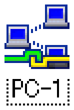
Connecting to a server

Procedure

1. **Right-click on the icon in the [Bluetooth Settings] window, and then click on [Connect]**



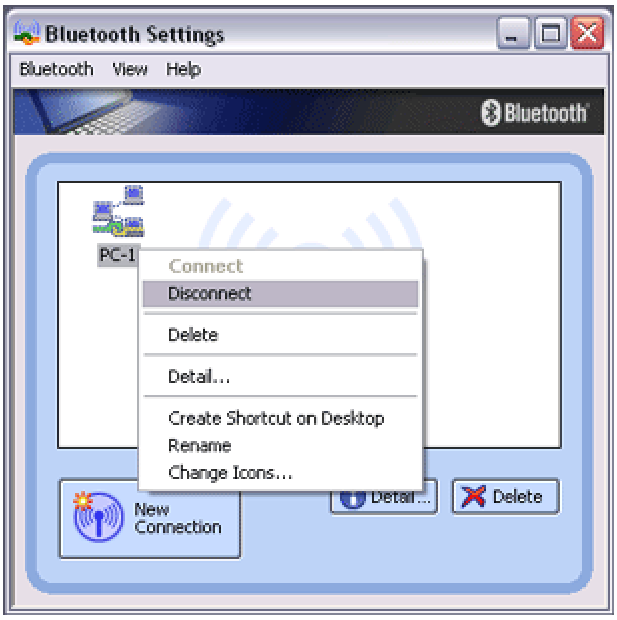
Once you have connected, the icon will change to indicate that the device is connected.



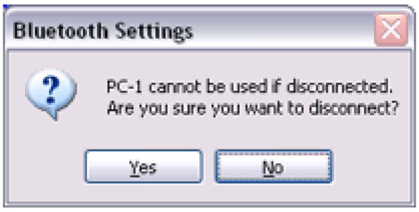
Ending a connection to a server

Procedure

1. **Right-click on the icon in the [Bluetooth Settings] window, and then click on [Disconnect]**

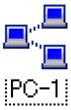


A message confirming whether you wish to disconnect will appear. Click on the [Yes] button.


Bluetooth Settings

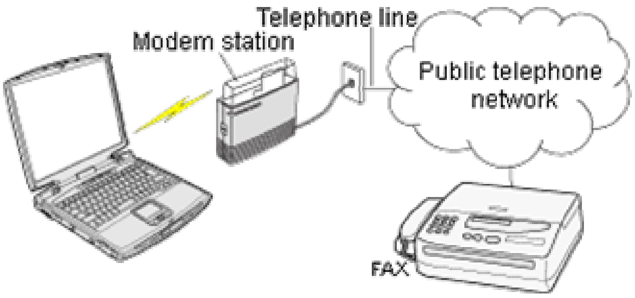
PC-1 cannot be used if disconnected.
Are you sure you want to disconnect?

Once you have disconnected, the icon will change to indicate that the device is not connected.



Using a modem station for fax transmissions [FAX]

This section describes how to send a fax using a Bluetooth wireless modem station.



Setting up the modem station
Installing a modem
Setting fax information
Sending a fax
Receiving a fax

Important

- Please refer to the modem station instruction manual for information on how to connect the station to a telephone line.
- Please ensure that any drivers used to connect the PC to the modem have been installed.
- A Bluetooth passkey (PIN code) is required for you to connect to the modem station. Please make a note of your Bluetooth passkey before you start the set-up process.
- A fax application is required for you to be able to send and receive faxes. The description below is based on a example using Microsoft Fax, which is installed with Windows XP as standard.
  If you are going to use a commercially available fax application, then please refer to the manual that came with the application for information on how to send and receive faxes.

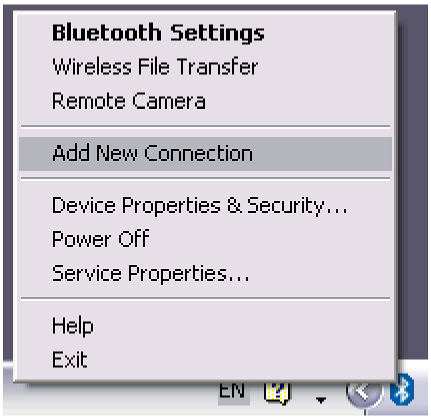
Setting up the modem station

Set up and register the modem station as a fax service.

Procedure

1. **Turn on the wireless modem station**

2. **Right-click on the Bluetooth icon in the task tray, and then click on [Add New Connection]**

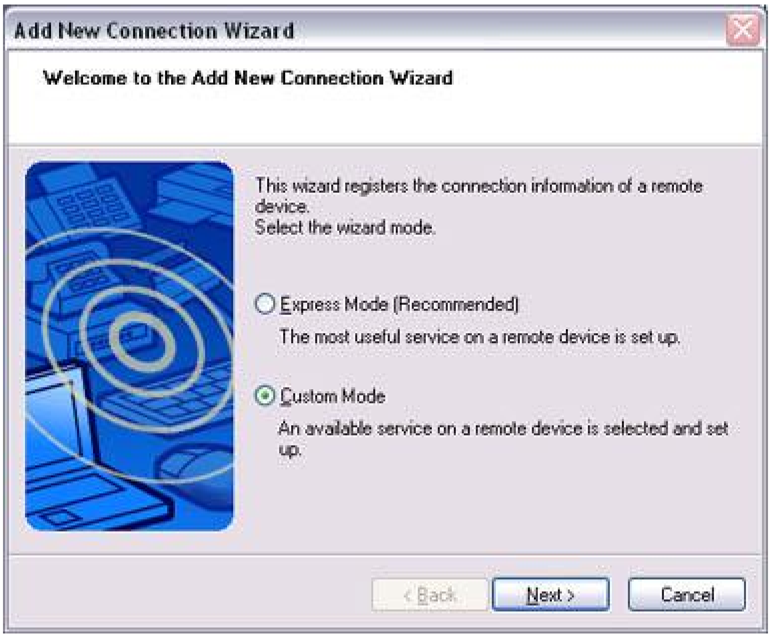


Note

- Alternatively, click [Start]->[All Programs]->[Bluetooth]->[Bluetooth Settings], and then click on [New Connection] from the active [Bluetooth Settings] window.

The [Add New Connection Wizard (Welcome to the Add New Connection Wizard)] window will appear.

3. **Select [Custom Mode], and then click on the [Next] button**

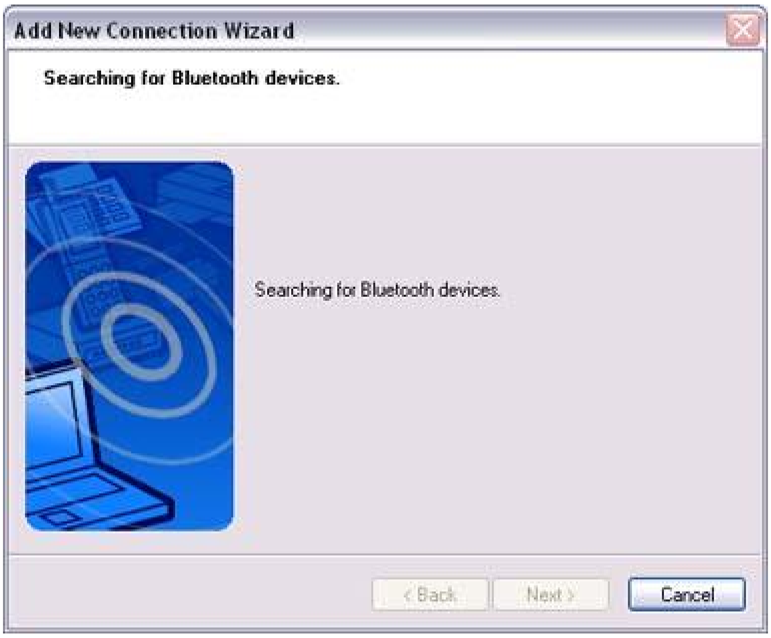

Add New Connection Wizard
Welcome to the Add New Connection Wizard

This wizard registers the connection information of a remote device.
Select the wizard mode.

○ Express Mode (Recommended)
The most useful service on a remote device is set up.

● Custom Mode
An available service on a remote device is selected and set up.

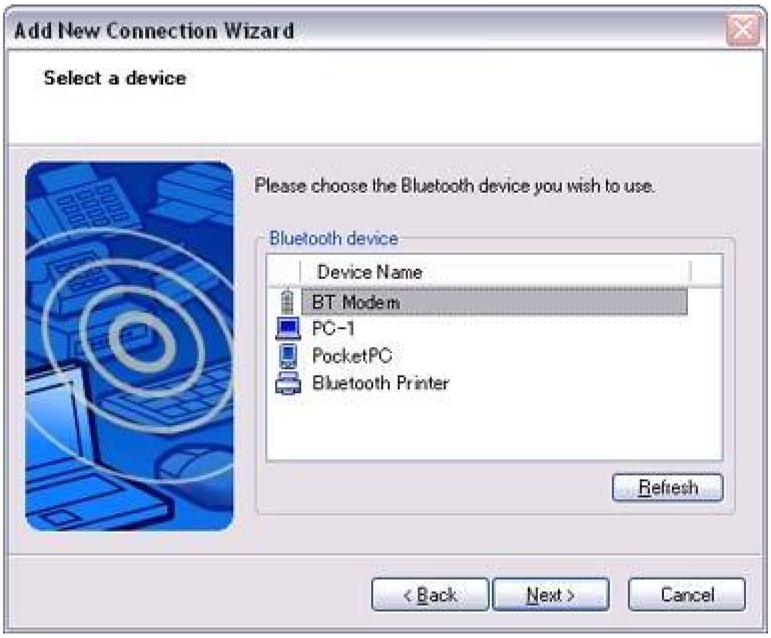
The [Add New Connection Wizard (Searching for Bluetooth devices)] window will appear.



Searching for Bluetooth devices.

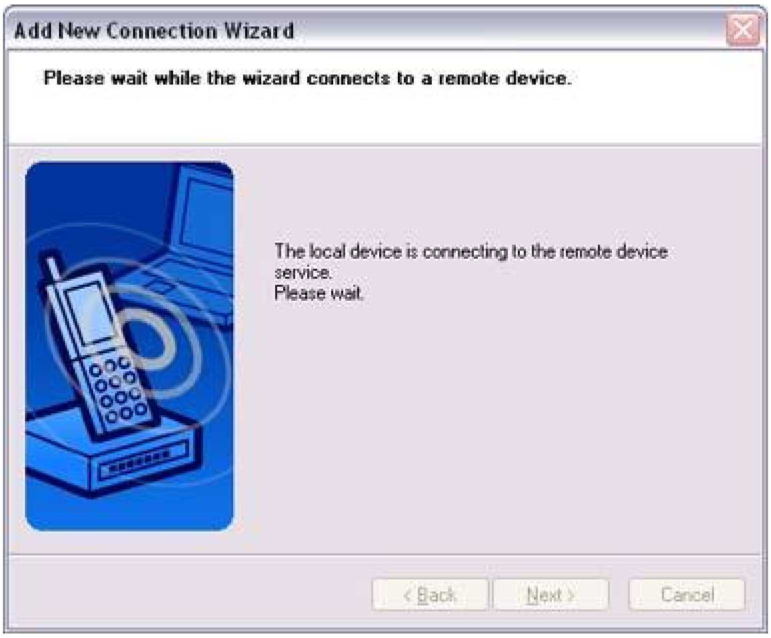
Once the program has finished searching for the devices, the [Add New Connection Wizard (Select Device)] window will appear.

4. **Select the device name of the wireless modem station from [Device List], and then click on the [Next] button**



Please choose the Bluetooth device you wish to use.

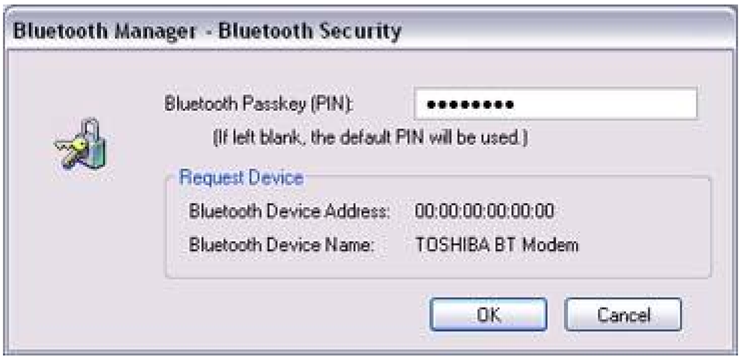
The [Add New Connection Wizard (Searching for Services)] window will appear.



Please wait while the wizard connects to a remote device.

The local device is connecting to the remote device service.
Please wait.

5. **If you are connecting to the wireless modem station for the first time, enter the passkey for the device from the [Bluetooth Passkey (PIN Code)] window, and then click on the [OK] button**

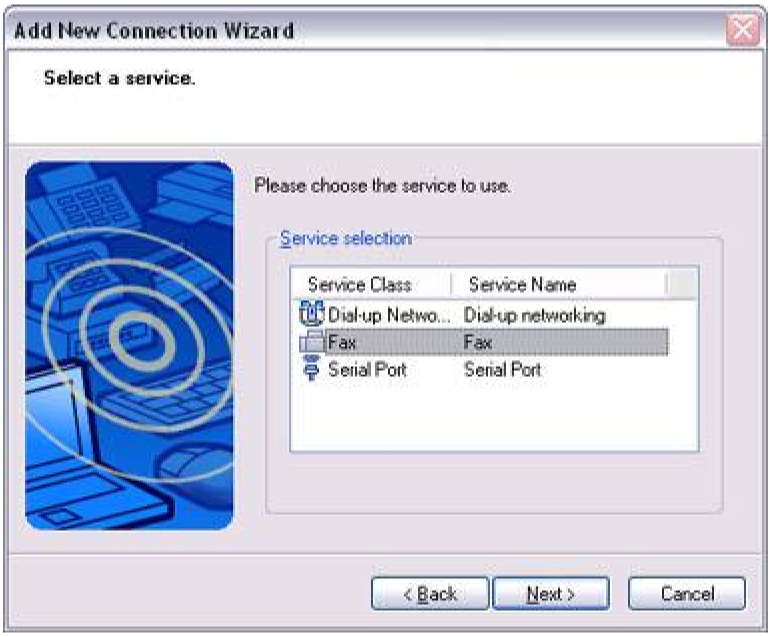


Bluetooth Passkey (PIN): ●●●●●●●●●
(If left blank, the default PIN will be used.)

Bluetooth Device Address: 00:00:00:00:00:00
Bluetooth Device Name: TOSHIBA BT Modem

Once the program has finished searching for the services, the [Add New Connection Wizard (Select Service)] window will appear.

6. **Select "Fax" under [Select Service], and then click on the [Next] button**



Add New Connection Wizard

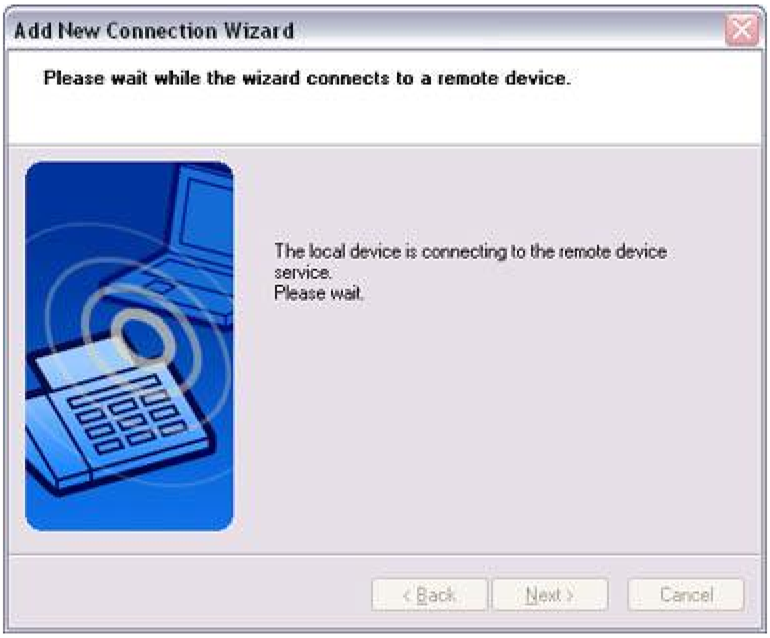
Select a service.

Please choose the service to use.

Service Class	Service Name
Dial-up Netwo...	Dial-up networking
Fax	Fax
Serial Port	Serial Port

The [Add New Connection Wizard (Connecting to Remote Device)] screen will appear.

The COM port and modem registration process will then be automatically performed.



Add New Connection Wizard

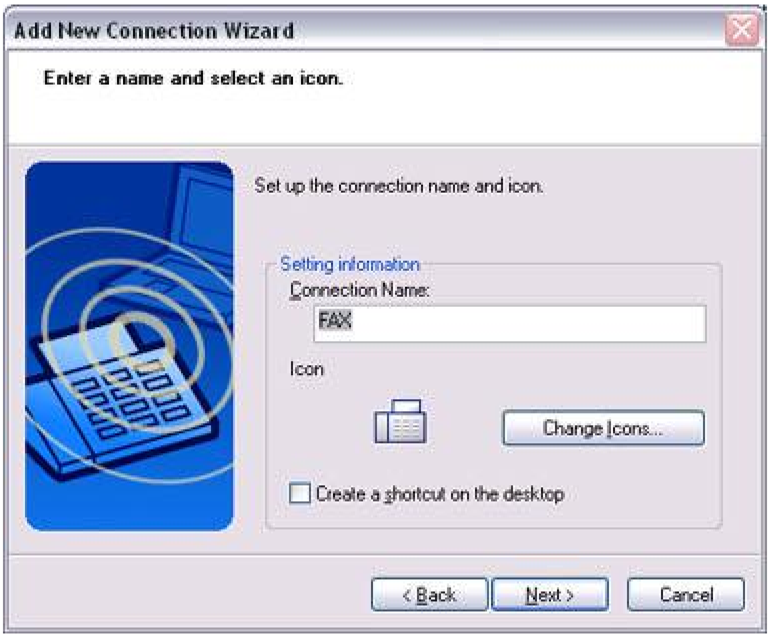
Please wait while the wizard connects to a remote device.

The local device is connecting to the remote device service.
Please wait.

Once the COM port and modem (standard 33600 bps type) registration is complete,
the [Add New Connection Wizard (Setting Connection Name)] screen will appear.

7. **Configure the type and name of the icon to appear after registration, and click on the [Next] button.**

Please click only on the [Next] button once you are satisfied with the configuration.



Add New Connection Wizard

Enter a name and select an icon.

Set up the connection name and icon.

Setting information

Connection Name: FAX

Icon

☐ Create a shortcut on the desktop

The [Add New Connection Wizard (Completing the Add New Connection Wizard)] screen will appear.

8. **Click on the [Finish] button**

The settings will be registered, and the icon will appear on the [Bluetooth Settings] screen.

Setting FAX information

Configure send/receive settings and register fax information.

Procedure

1. **Select [Start]->[Control Panel], and then double-click on the [Printers and Other Hardware] icon**

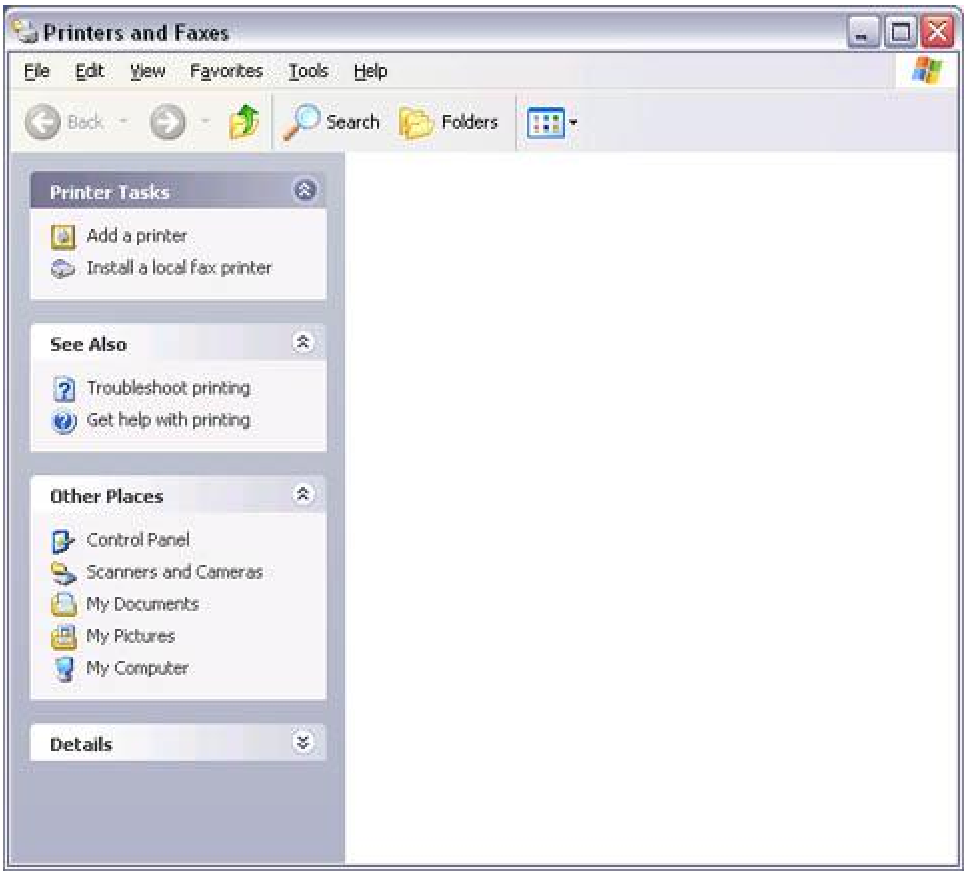
   Note

   - If the control panel is displayed in "Classic view", and you use Windows 2000, please start from Step (2).

2. **Double-click on the [Printers and Faxes] icon**

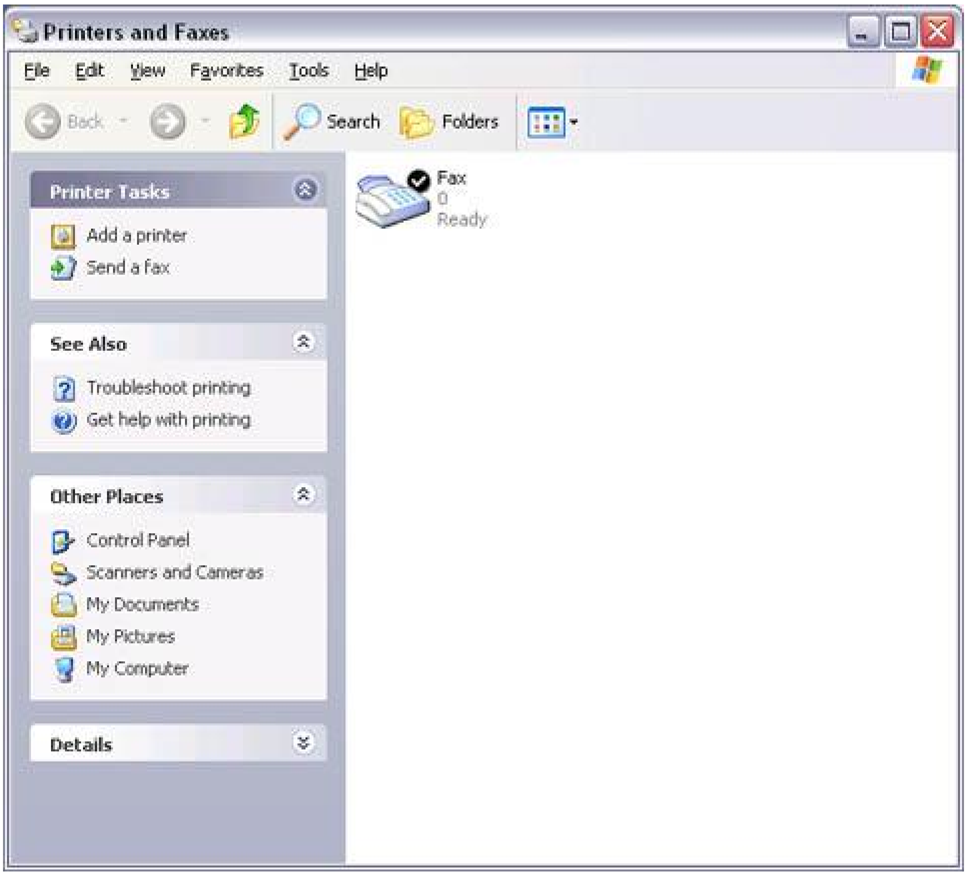
   The [Printers & Faxes] window will appear.

3. **Click on "Install a local fax printer" in the [Printers and Faxes] window**



   A window showing installed programs will appear, and a Fax icon will have been created in the [Printers and Faxes] screen.

4. **Click on "Send a fax" under "Printer Tasks" on the left side of the window**

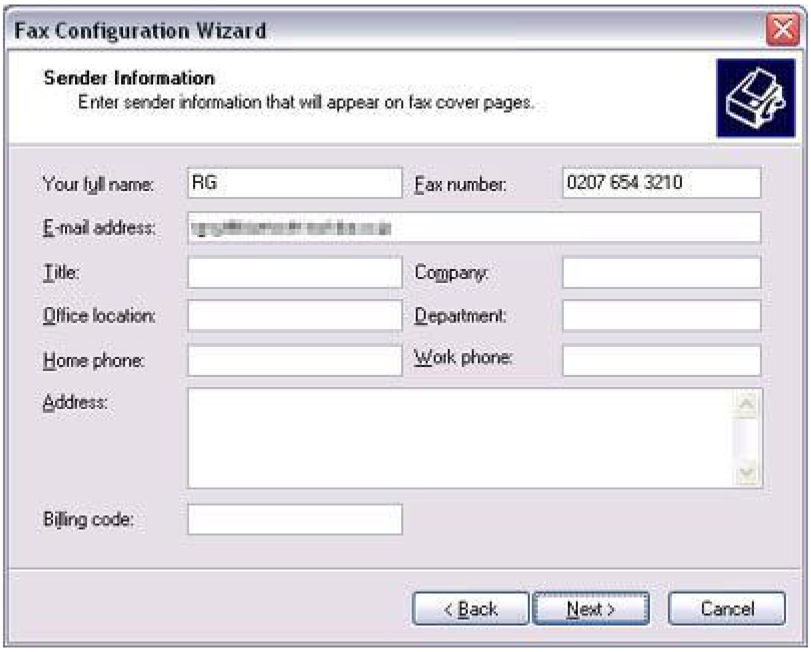


If you have not yet configured a fax device, the [Fax Configuration Wizard] window will appear. In the window you can enter settings pertaining to the sender (yourself).

Note

- If the fax configuration information has already been registered, the [Send Fax Wizard] window, which can be viewed under "Sending a fax" below, will appear instead of the [Fax Configuration Wizard] window.

5. **Enter the sender information, and click on the [Next] button**



Sender Information

Enter sender information that will appear on fax cover pages.

Your full name: RG

Fax number: 0207 654 3210

E-mail address: [redacted]

Title:

Company:

Office location:

Department:

Home phone:

Work phone:

Address:

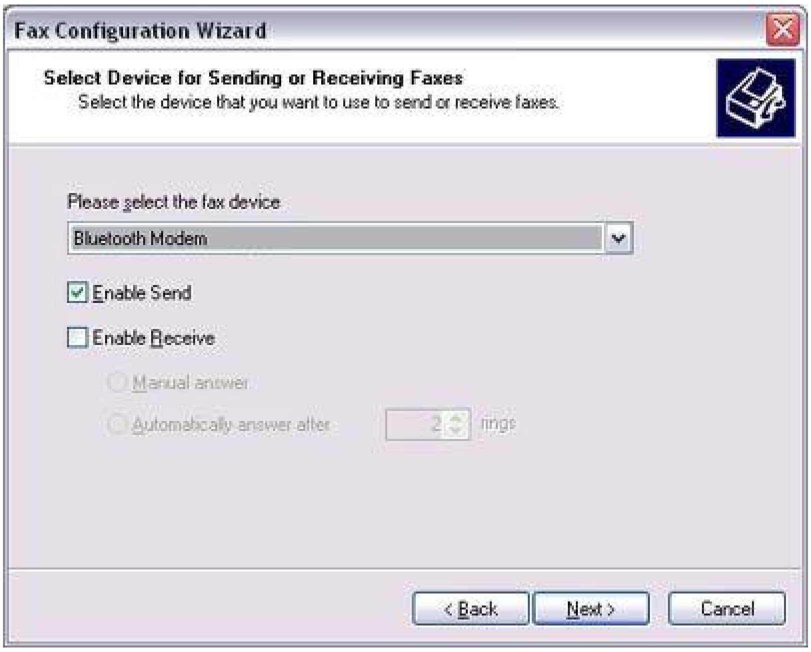
Billing code:

Note

The sender information that you configure here will be automatically appended as header information when you send a fax.

The [Fax Configuration Wizard (Select Device for Sending or Receiving Faxes)] window will appear.

6. **Select a device to be used for fax transmissions, enable the device for sending or receiving, and then click on the [Next] button**



Select Device for Sending or Receiving Faxes

Select the device that you want to use to send or receive faxes.

Please select the fax device: Bluetooth Modem

☑ Enable Send

☐ Enable Receive

○ Manual answer

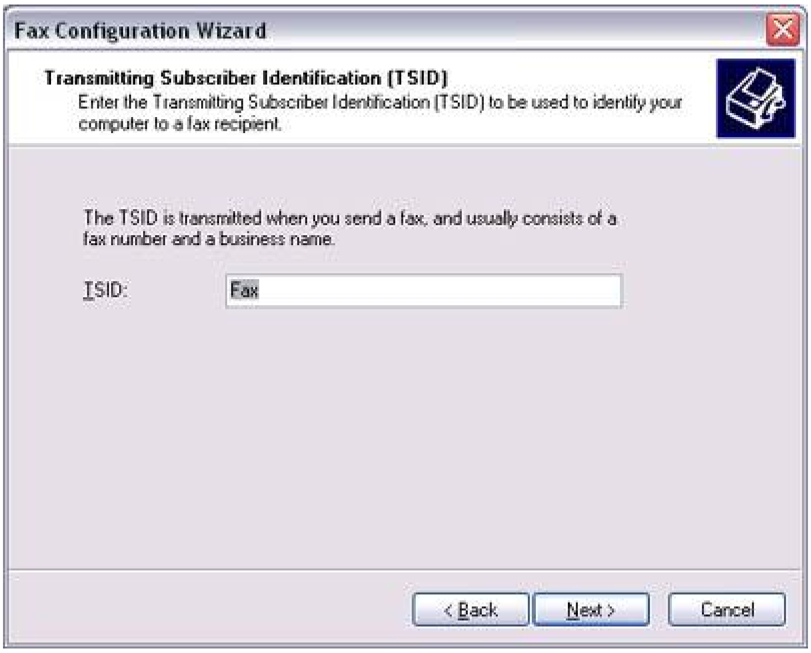
○ Automatically answer after 2 rings

Note

If [Enable Receive] is selected, the device will be on standby for receiving faxes even if it is not sending or receiving anything, and therefore will be in continuous connection to the wireless modem (when COM Auto Connect is on).
Please decide whether to select this option based on the desired objective and/or frequency of transmission.

The [Fax Configuration Wizard (Transmitting Subscriber Identification (TSID))] window will appear.

7. **Click on the [Next] button**
It is important that you do not change the transmitter subscriber identification.



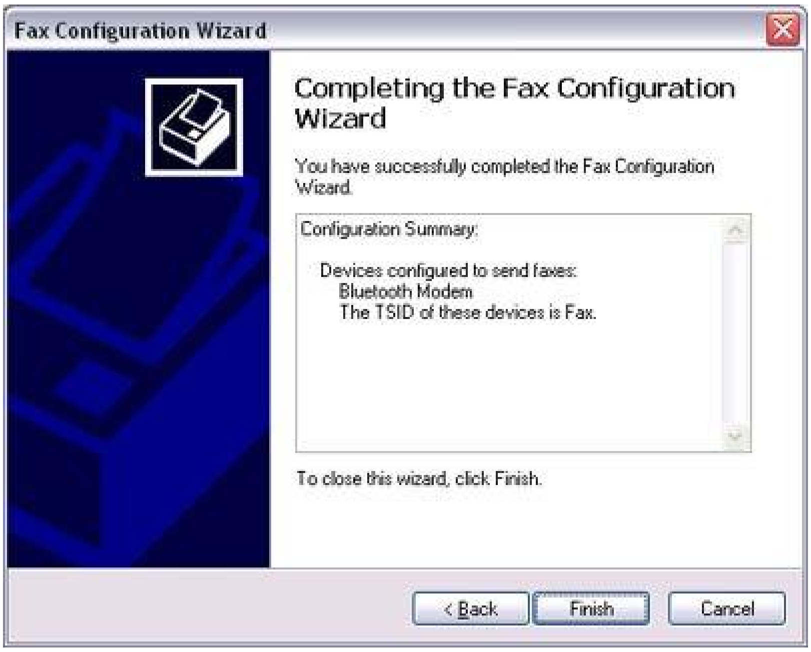
Transmitting Subscriber Identification (TSID)
Enter the Transmitting Subscriber Identification (TSID) to be used to identify your computer to a fax recipient.

The TSID is transmitted when you send a fax, and usually consists of a fax number and a business name.

TSID: Fax

The [Fax Configuration Wizard (Completing the Fax Configuration Wizard)] window will appear.

8. **Click on the [Finish] button**



Completing the Fax Configuration Wizard

You have successfully completed the Fax Configuration Wizard.

Configuration Summary:

Devices configured to send faxes:
Bluetooth Modem
The TSID of these devices is Fax.

To close this wizard, click Finish.

The fax information will be have been registered, and the [Fax Console] window will appear.

This will complete the fax set-up process.

Related topics: "Sending a fax" and "Receiving a fax"

Sending a fax

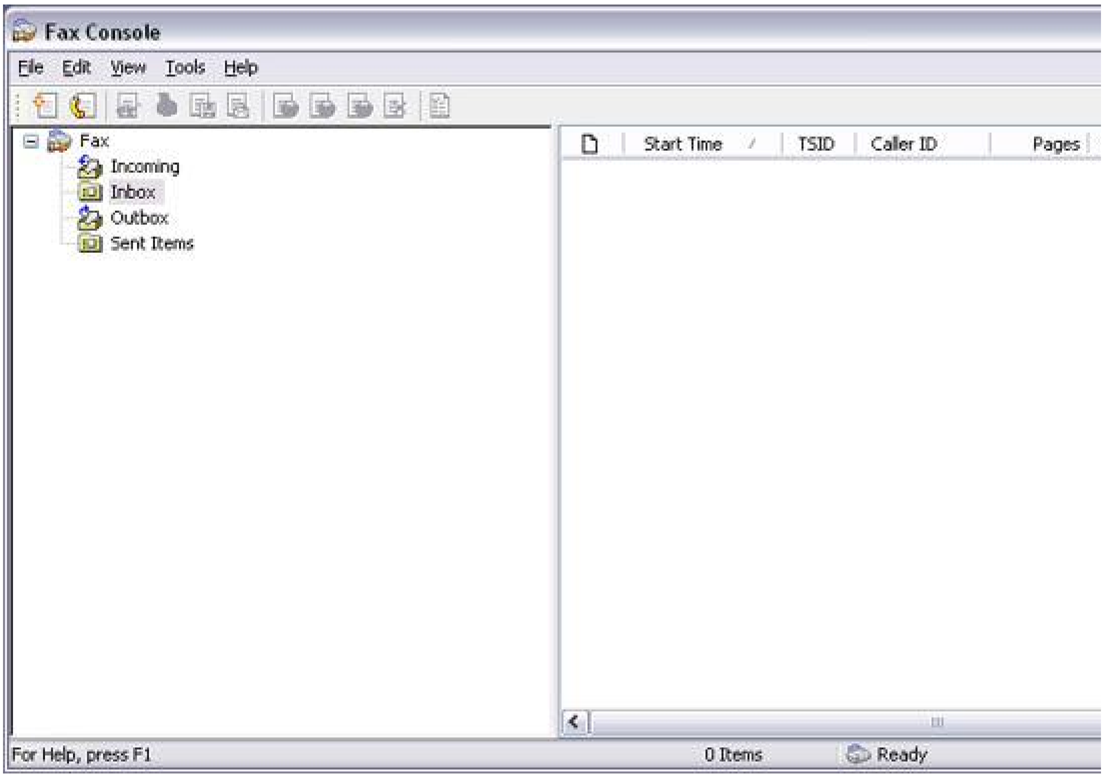
This section describes how to send a fax from the Fax Console.

Important

- The Fax service must be enabled for sending in order for you to send a fax.
  Please refer to "Using a wireless modem station" under "Troubleshooting" for how to change the send and receive settings once the service has been configured.

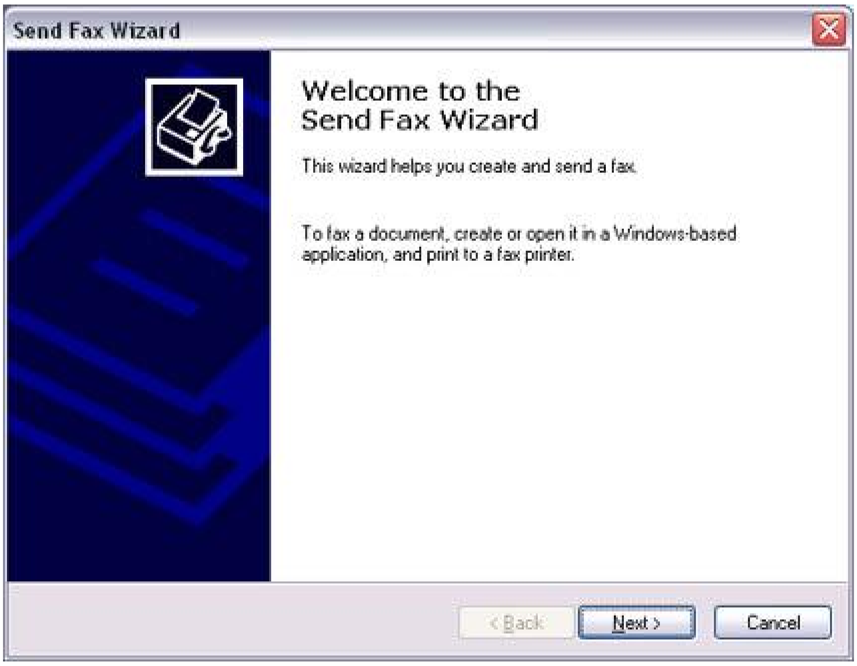
Procedure

1. **Double-click on the [Fax] icon in the Control Panel**
   The [Fax Console] window will appear.



2. **In the [Fax Console] window, click [File] ->[Send fax]**
   The [Send Fax Wizard (Starting the Send Fax Wizard)] window will appear.

3. **Click on the [Next] button**



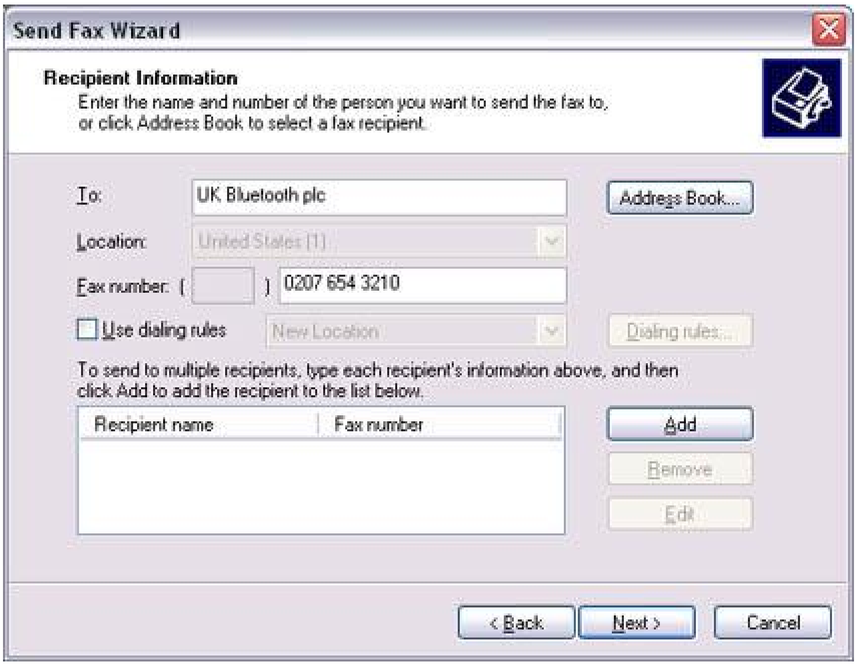
Welcome to the Send Fax Wizard

This wizard helps you create and send a fax.

To fax a document, create or open it in a Windows-based application, and print to a fax printer.

The [Send Fax Wizard (Recipient Information)] window will appear.

4. **Enter the name and fax number of the destination party, and then click on the [Next] button**



Send Fax Wizard

Recipient Information

Enter the name and number of the person you want to send the fax to, or click Address Book to select a fax recipient.

To: UK Bluetooth plc

Location: United States (1)

Fax number: ( ) 0207 654 3210

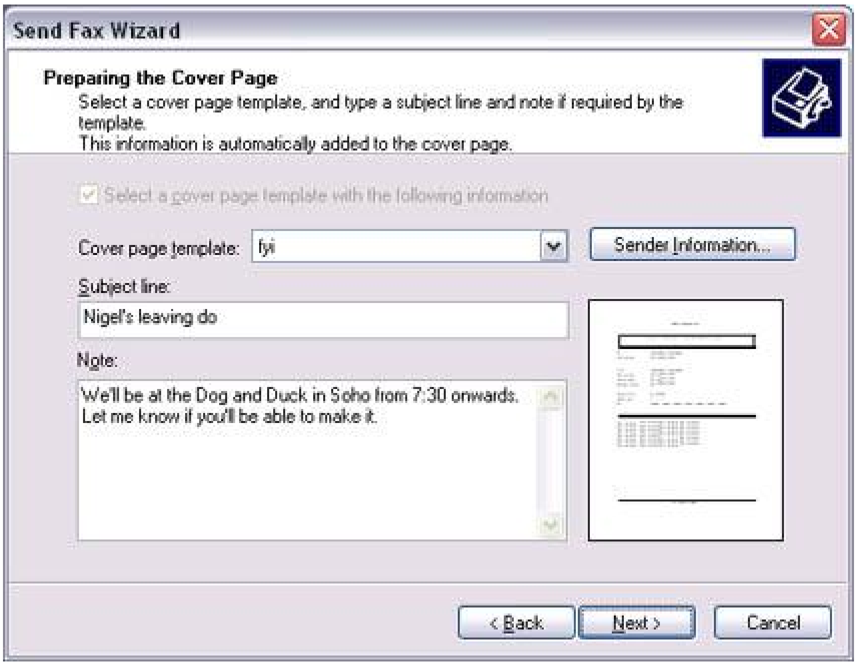
☐ Use dialing rules New Location

To send to multiple recipients, type each recipient's information above, and then click Add to add the recipient to the list below.

Recipient name	Fax number

The [Send Fax Wizard (Preparing the Cover Page)] window will appear.

5. **Specify the cover page template, subject line, and note (body text), and then click on the [Next] button**



Send Fax Wizard

Preparing the Cover Page

Select a cover page template, and type a subject line and note if required by the template.
This information is automatically added to the cover page.

☑ Select a cover page template with the following information

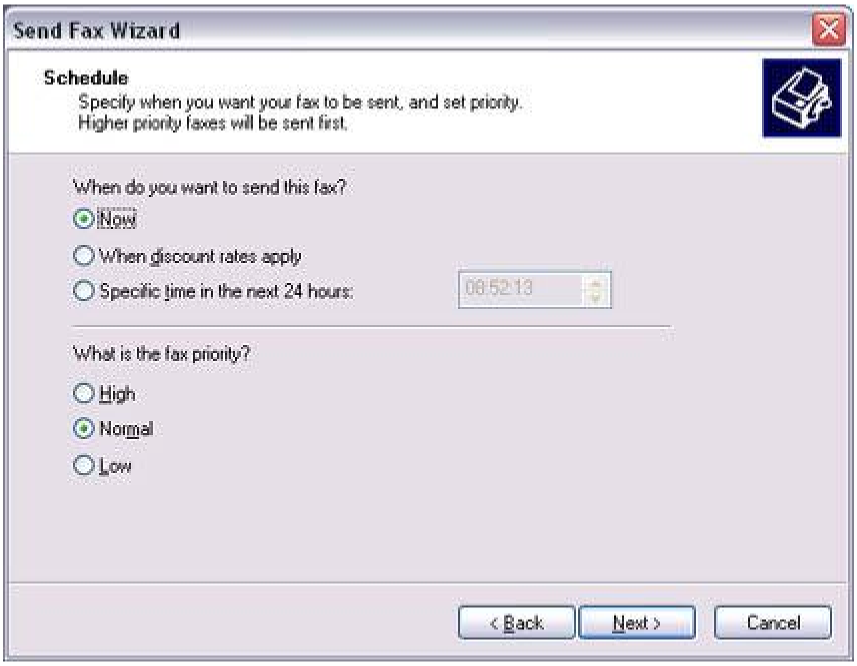
Cover page template: fyi

Subject line: Nigel's leaving do

Note:
We'll be at the Dog and Duck in Soho from 7:30 onwards.
Let me know if you'll be able to make it.

The [Send Fax Wizard (Schedule)] window will appear.

6. **If you wish to send the fax immediately, select "Now", and then click on the [Next] button**



Schedule

Specify when you want your fax to be sent, and set priority.
Higher priority faxes will be sent first.

When do you want to send this fax?

● Now

○ When discount rates apply

○ Specific time in the next 24 hours: 08:52:13

What is the fax priority?

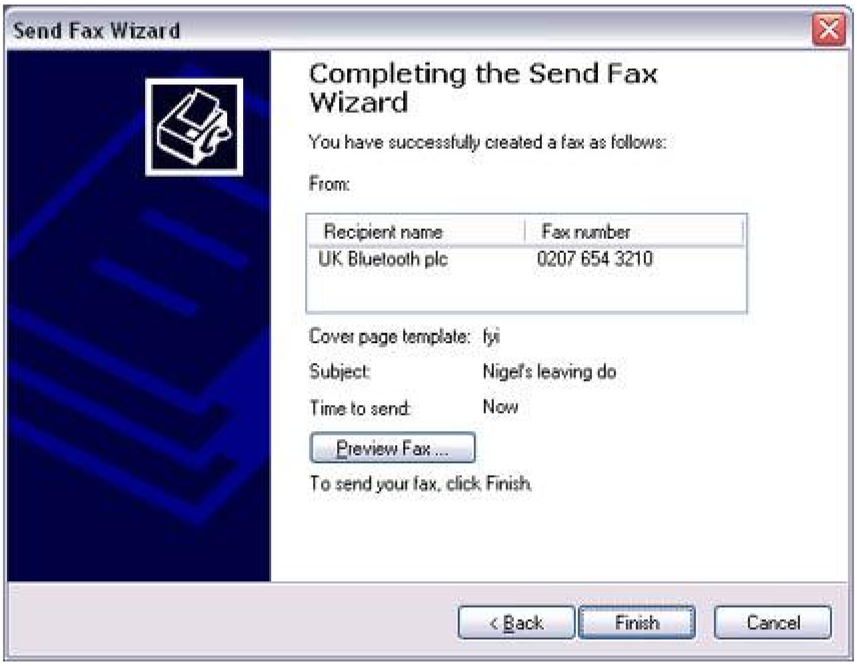
○ High

● Normal

○ Low

The [Send Fax Wizard (Completing the Send Fax Wizard)] window will appear.

7. **Confirm the destination information and transmission details, and then click on the [Finish] button**



Completing the Send Fax Wizard

You have successfully created a fax as follows:

From:

Recipient name	Fax number
UK Bluetooth plc	0207 654 3210

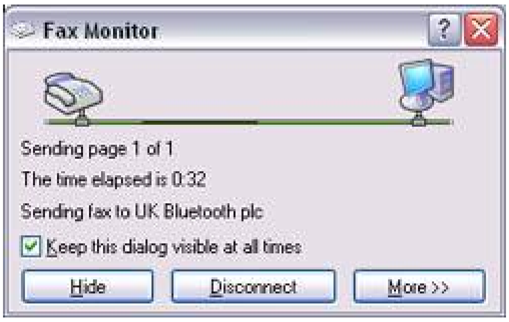
Cover page template: fyi

Subject: Nigel's leaving do

Time to send: Now

To send your fax, click Finish.

The software will automatically dial the number and send the fax.



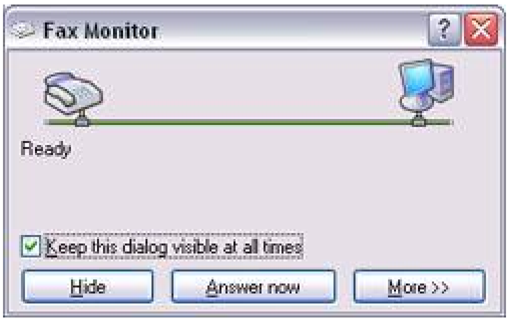
Sending page 1 of 1

The time elapsed is 0:32

Sending fax to UK Bluetooth plc

☑ Keep this dialog visible at all times

Once the fax has been sent, Fax Monitor will revert to standby mode.



Ready

☑ Keep this dialog visible at all times

Related topic: "Receiving a fax"

Receiving a fax

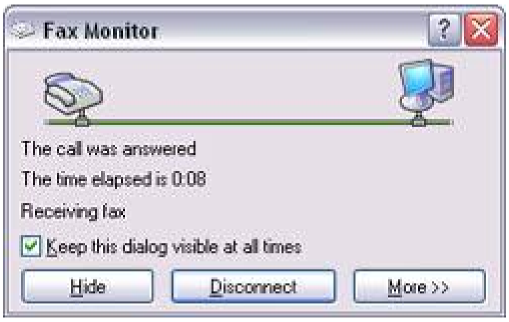
This section describes what to do when a fax arrives after you have established a connection to a modem station.

Important

- The Fax service must be enabled for receiving in order for you to receive a fax.
  Please refer to "Using a wireless modem station" under "Troubleshooting" for information on how to change the send and receive settings once the fax service has been configured.
- Please ensure you have connected to a modem station before you receive a fax (the device will be connected to the modem if "Enable Receive" has been selected or COM Auto Connect has been activated).

Procedure

1. **When a fax arrives, the Fax Monitor will start automatically as the fax is received**

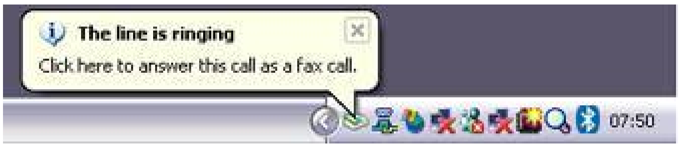


The call was answered
The time elapsed is 0:08
Receiving fax
☑ Keep this dialog visible at all times

Once the fax has been received, the Fax Monitor will revert to standby mode.

Note

If you have enabled manual fax reception, the message below will appear when a fax arrives.



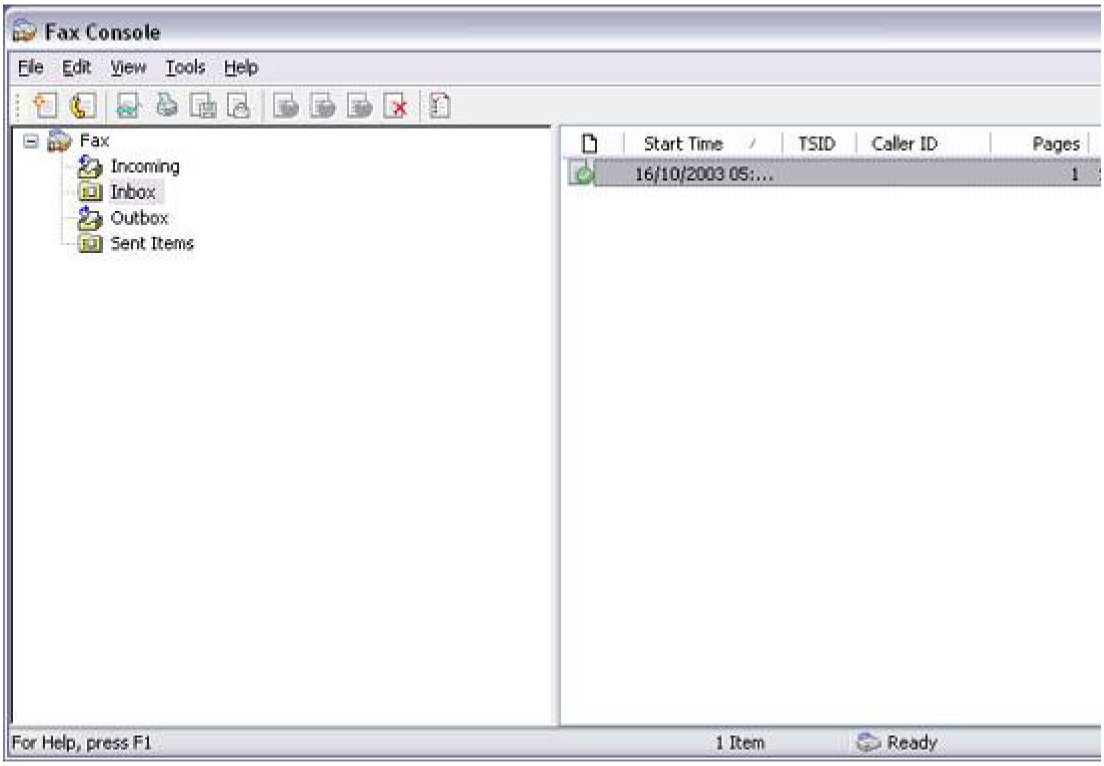
The line is ringing

Click here to answer this call as a fax call.

Click on the message with your mouse to receive the fax.

2. **Double-click on the [Fax] icon in the Control Panel**
   The [Fax Console] window will appear.

3. **In the [Fax Console] window, double-click on the fax that has arrived**



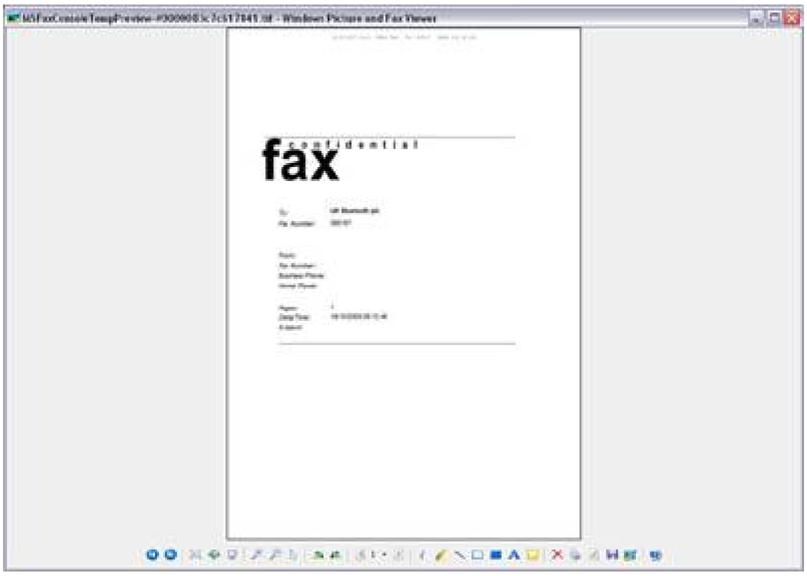
Start Time	TSID	Caller ID	Pages
16/10/2003 05:...			1

For Help, press F1

1 Item

Ready

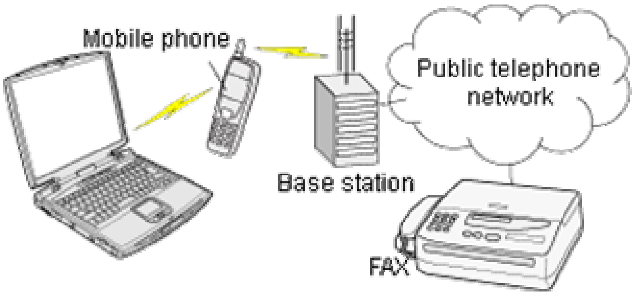
An image of the received fax will be displayed.



Related topic: "Sending a fax"

Using a mobile telephone for fax transmissions [FAX]

This section describes how to send a fax using a mobile telephone as a modem.



Setting up the mobile telephone
Installing a modem
Setting fax information
Sending a fax
Receiving a fax

Important

- Please ensure that any drivers used to connect the PC to the mobile telephone have been installed.

- A Bluetooth passkey (PIN code) is required for you to connect to the mobile telephone. Please make a note of your Bluetooth passkey before you start the set-up process.
- A fax application is required for you to be able to send and receive faxes. The description below is based on a example using Microsoft Fax, which is installed with Windows XP as standard.
  If you are going to use a commercially available fax application, then please refer to the manual that came with the application for information on how to send and receive faxes.

Setting up the mobile telephone

Set up and register the mobile telephone as a fax service.

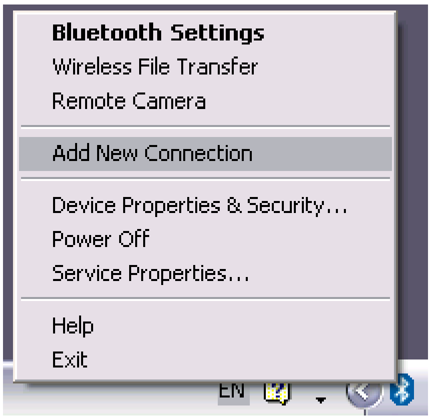
Procedure

1. **Turn on the mobile telephone, and set it to be connectable via Bluetooth**

Note

Please refer to the instruction manual for information on how to operate the telephone.

2. **Right-click on the Bluetooth icon in the task tray, and then click on [Add New Connection]**



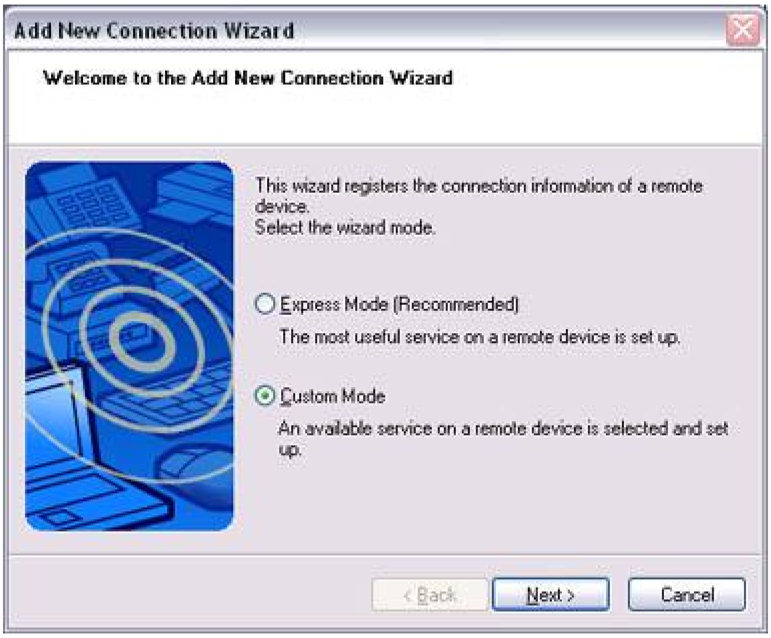
Note

Alternatively, click [Start]->[All Programs]->[Bluetooth]->[Bluetooth Settings], and then click on [New Connection] from the active

[Bluetooth Settings] window.

The [Add New Connection Wizard (Welcome to the Add New Connection Wizard)] window will appear.

3. **Select [Custom Mode], and then click on the [Next] button**



Add New Connection Wizard

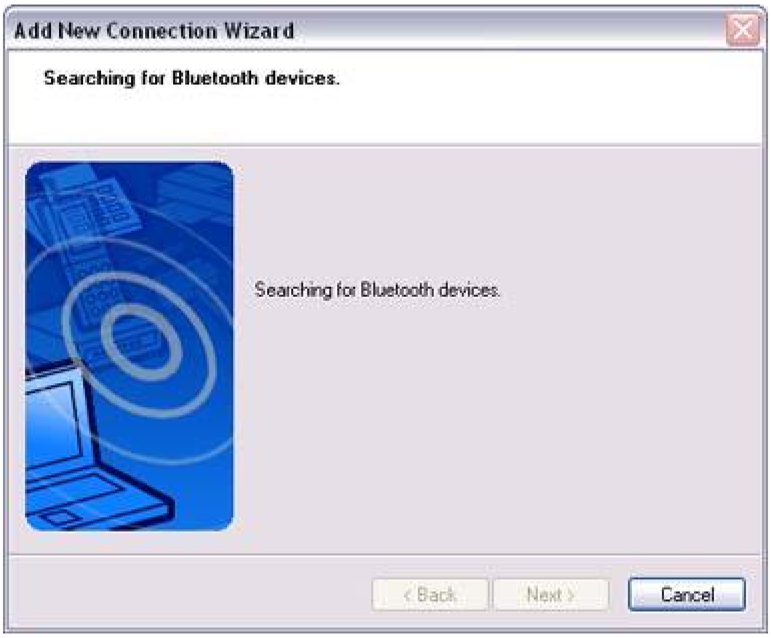
Welcome to the Add New Connection Wizard

This wizard registers the connection information of a remote device.
Select the wizard mode.

○ Express Mode (Recommended)
The most useful service on a remote device is set up.

● Custom Mode
An available service on a remote device is selected and set up.

The [Add New Connection Wizard (Searching for Bluetooth devices)] window will appear.



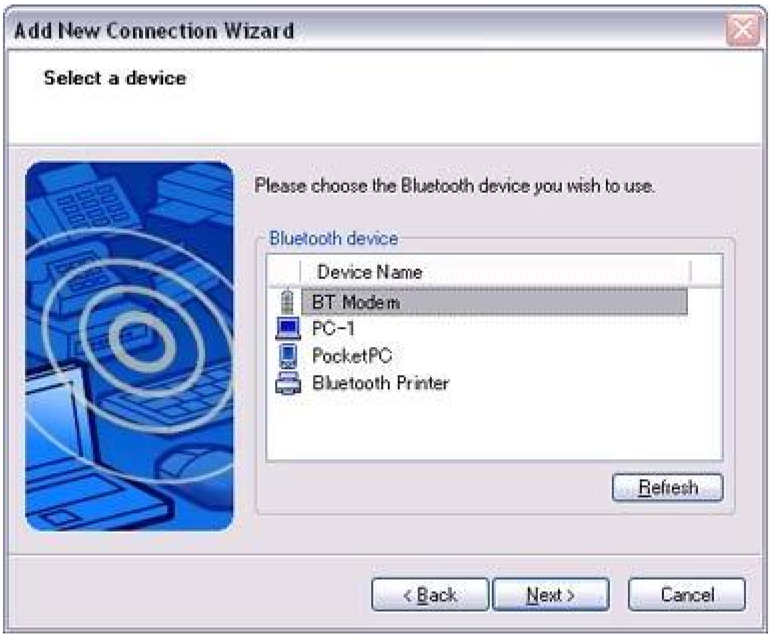
Add New Connection Wizard

Searching for Bluetooth devices.

Searching for Bluetooth devices.

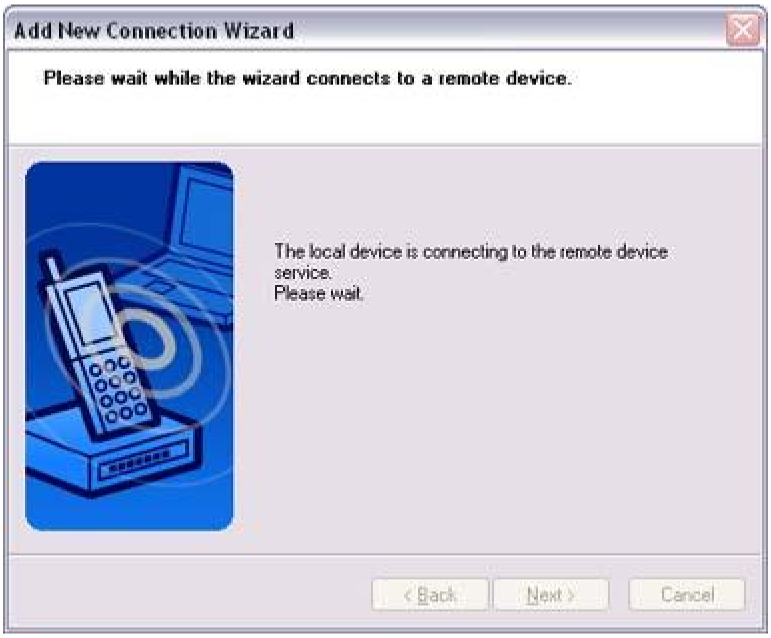
Once the program has finished searching for the devices, the [Add New Connection Wizard (Select Device)] window will appear.

4. **Select the device name of the mobile telephone from [Device List], and then click on the [Next] button**



Please choose the Bluetooth device you wish to use.

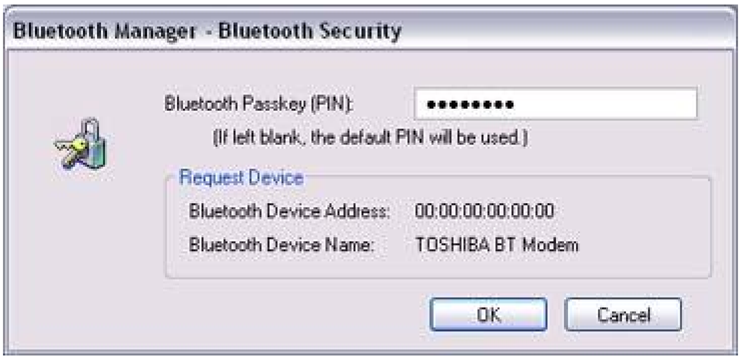
The [Add New Connection Wizard (Searching for Services)] window will appear.



Please wait while the wizard connects to a remote device.

The local device is connecting to the remote device service.
Please wait.

5. **If you are connecting to the mobile telephone for the first time, enter the passkey for the device from the [Bluetooth Passkey (PIN Code)] window, and then click on the [OK] button.**


Bluetooth Manager - Bluetooth Security

Bluetooth Passkey (PIN): •••••••••

(If left blank, the default PIN will be used.)

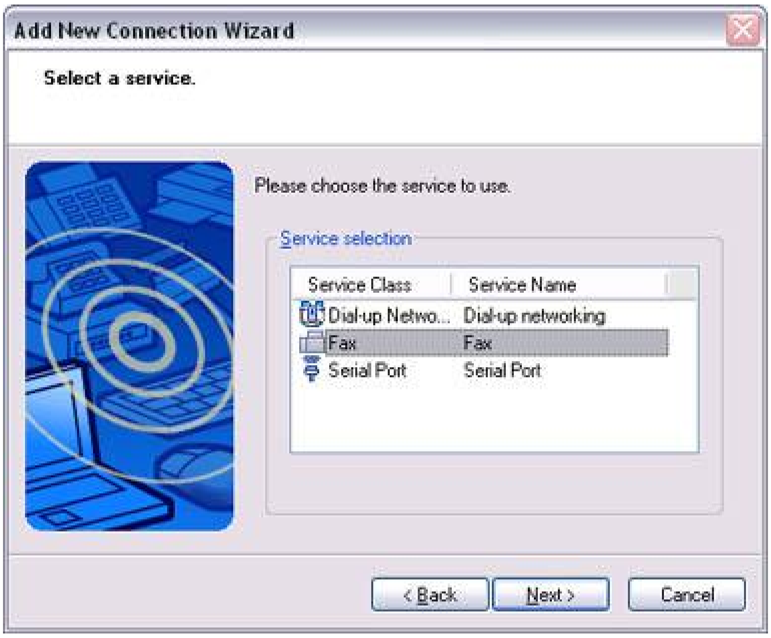
Request Device

Bluetooth Device Address: 00:00:00:00:00:00

Bluetooth Device Name: TOSHIBA BT Modem

Once the program has finished searching for the services, the [Add New Connection Wizard (Select Service)] window will appear.

6. **Select "Fax" under [Select Service], and then click on the [Next] button**


Add New Connection Wizard

Select a service.

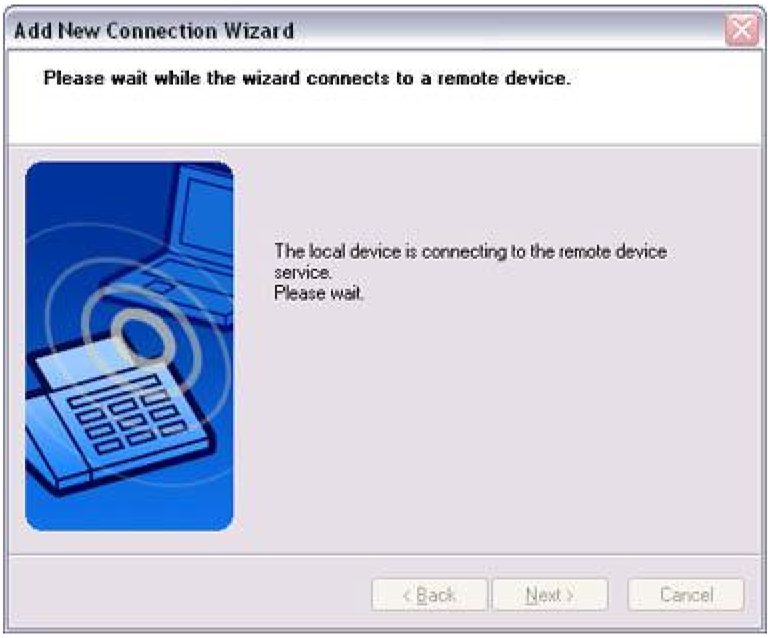
Please choose the service to use.

Service selection

Service Class	Service Name
Dial-up Netwo...	Dial-up networking
Fax	Fax
Serial Port	Serial Port

The [Add New Connection Wizard (Connecting to Remote Device)] screen will appear.

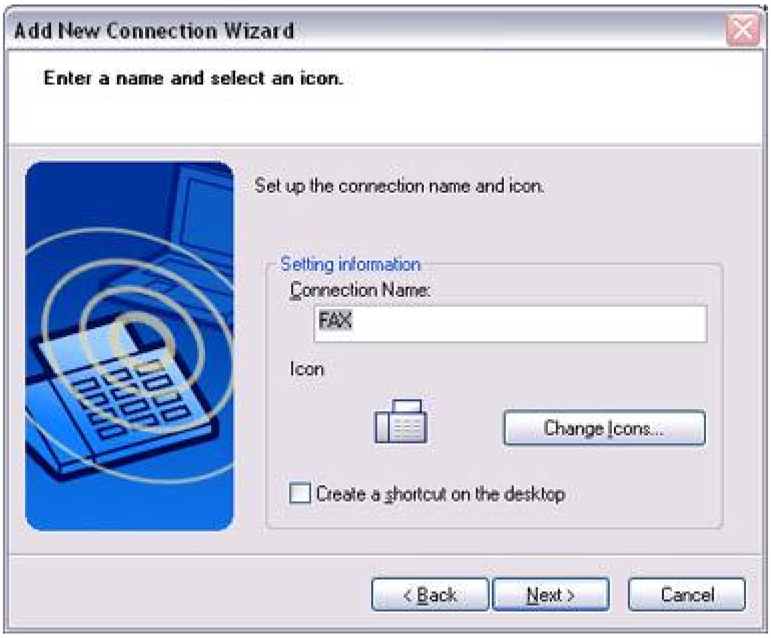
The COM port and modem registration process will then be automatically performed.


Add New Connection Wizard
Please wait while the wizard connects to a remote device.
< Back
Next >
Cancel

The local device is connecting to the remote device service.
Please wait.

Once the COM port and modem (standard 33600 bps type) registration is complete, the [Add New Connection Wizard (Setting Connection Name)] screen will appear.

7. **Configure the type and name of the icon to appear after registration, and click on the [Next] button.**
   Please click only on the [Next] button once you are satisfied with the configuration.



Set up the connection name and icon.

Connection Name: FAX

☐ Create a shortcut on the desktop

The [Add New Connection Wizard (Completing the Add New Connection Wizard)] screen will appear.

8. **Click on the [Finish] button**

The settings will be registered, and the icon will appear on the [Bluetooth Settings] screen.

FAX

Setting fax information

Configure send/receive settings and register fax information.

Procedure

1. **Select [Start]->[Control Panel], and then double-click on the [Printers and Other Hardware] icon**

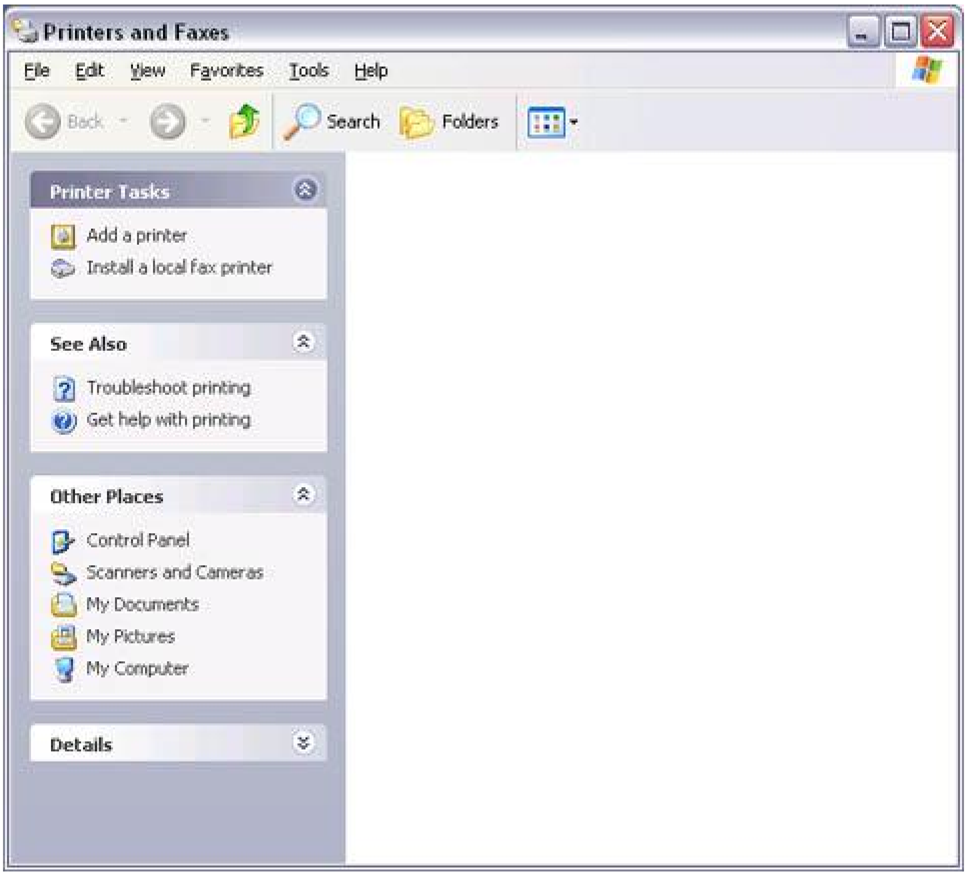
Note

If the control panel is displayed in "Classic view", and you use Windows 2000, please start from Step (2).

2. **Double-click on the [Printers and Faxes] icon**

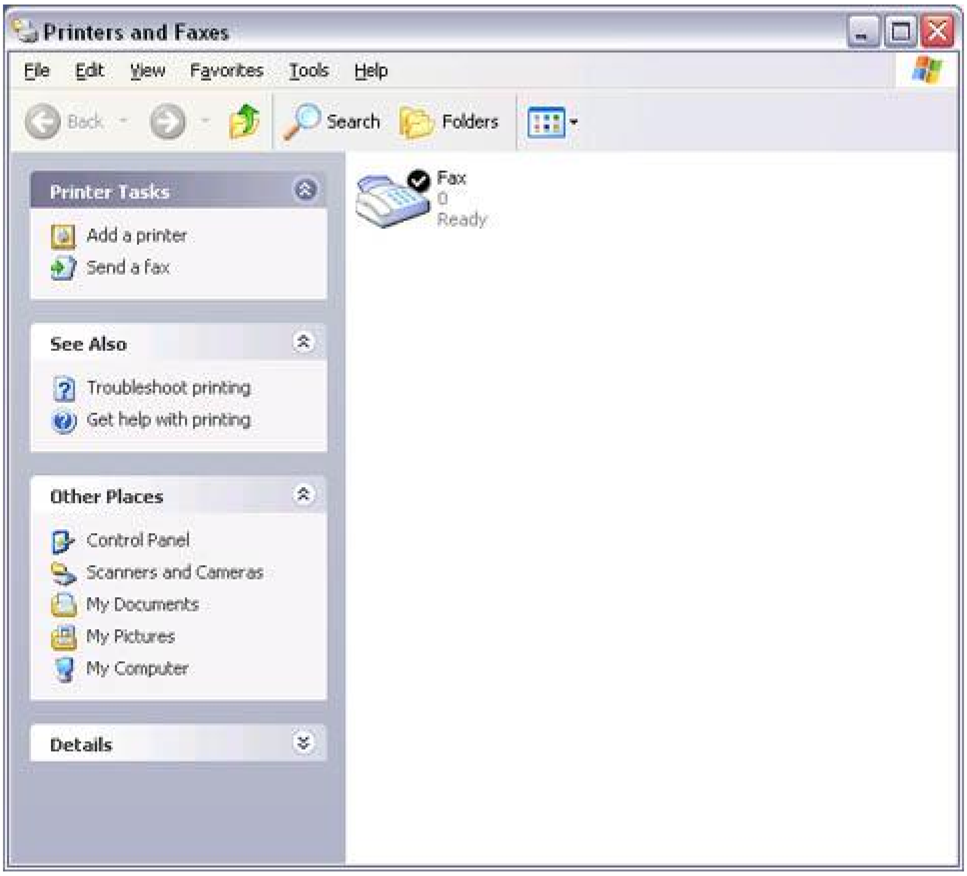
The [Printers & Faxes] window will appear.

3. **Click on "Set up faxing" in the [Printers and Faxes] window**



A window showing installed programs will appear, and a Fax icon will have been created in the [Printers and Faxes] screen.

4. **Click on "Send a fax" under "Printer Tasks" on the left side of the window**

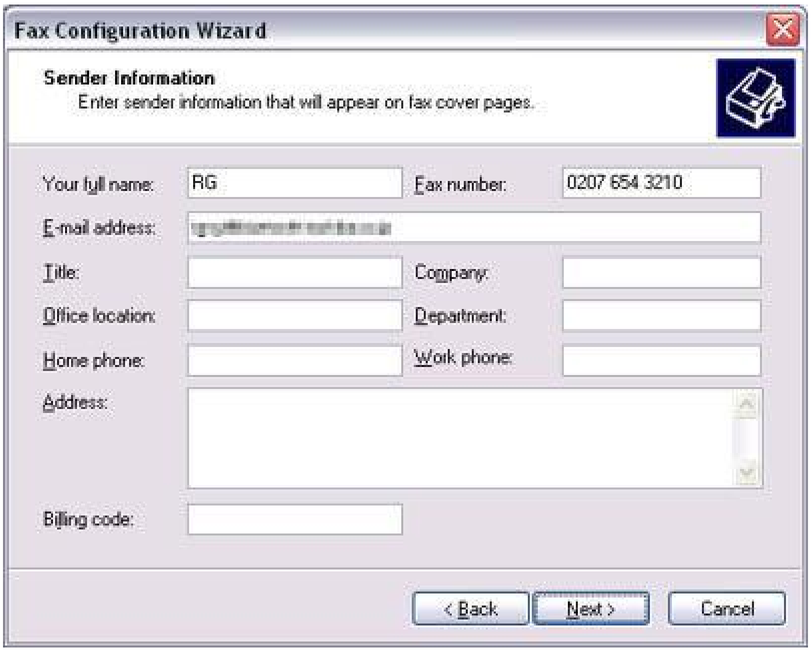


If you have not yet configured a fax device, the [Fax Configuration Wizard] window will appear. In the window you can enter settings pertaining to the sender (yourself).

Note

If the fax configuration information has already been registered, the [Send Fax Wizard] window, which can be viewed under "Sending a fax" below, will appear instead of the [Fax Configuration Wizard] window.

5. **Enter the sender information, and click on the [Next] button**



Fax Configuration Wizard

Sender Information

Enter sender information that will appear on fax cover pages.

Your full name: RG

Fax number: 0207 654 3210

E-mail address: [redacted]

Title:

Company:

Office location:

Department:

Home phone:

Work phone:

Address:

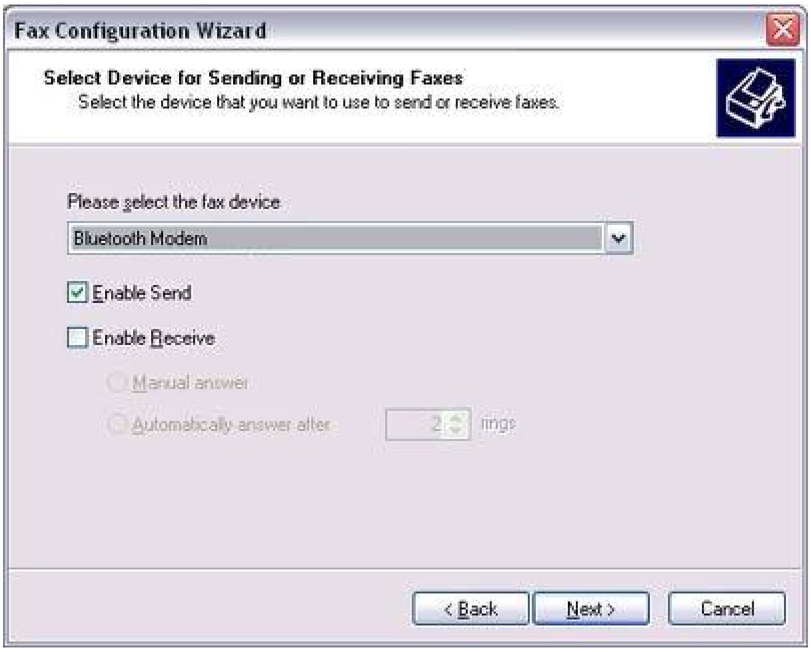
Billing code:

Note

The sender information that you configure here will be automatically appended as header information when you send a fax.

The [Fax Configuration Wizard (Select Device for Sending or Receiving Faxes)] window will appear.

6. **Select a device to be used for fax transmissions, enable the device for sending or receiving, and then click on the [Next] button**



Fax Configuration Wizard

Select Device for Sending or Receiving Faxes

Select the device that you want to use to send or receive faxes.

Please select the fax device: Bluetooth Modem

☑ Enable Send

☐ Enable Receive

○ Manual answer

○ Automatically answer after 2 rings

Note

If [Enable Receive] is selected, the device will be on standby for receiving faxes even if it is not sending or receiving anything, and

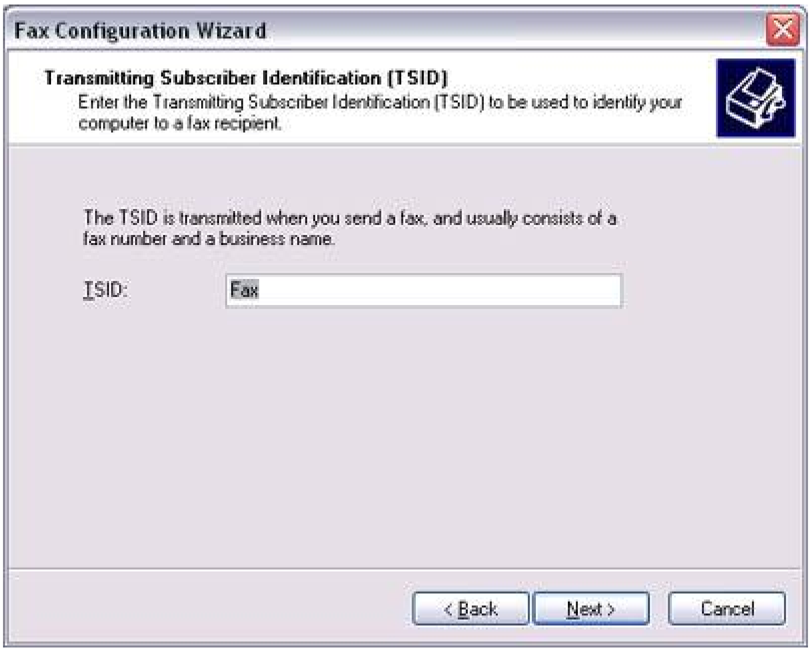
therefore will be in continuous connection to the wireless modem ¡]when COM Auto Connect is on).

Please decide whether to select this option based on to the desired objective and/or frequency of transmission.

The [Fax Configuration Wizard (Transmitting Subscriber Identification (TSID))] window will appear.

7. **Click on the [Next] button**

It is important that you do not change the transmitter subscriber identification.



Fax Configuration Wizard

Transmitting Subscriber Identification (TSID)

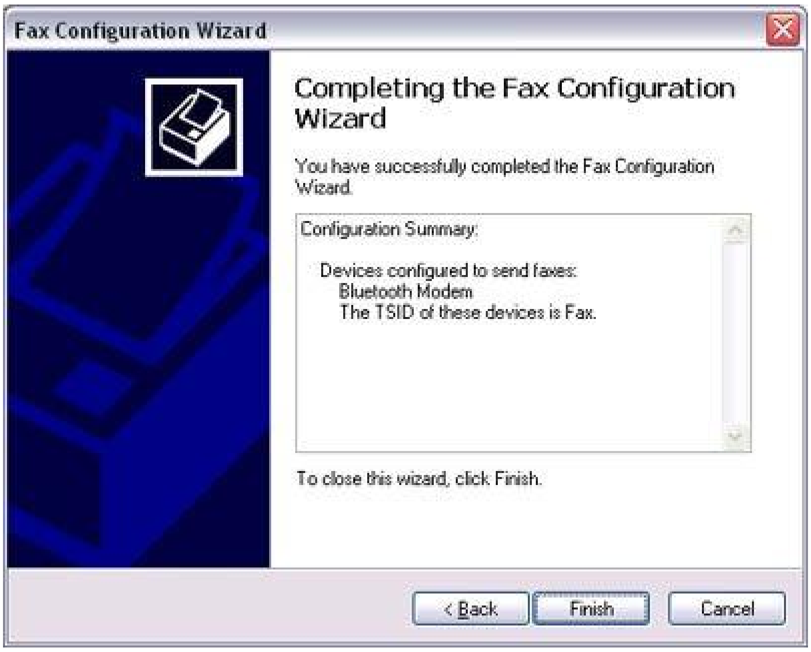
Enter the Transmitting Subscriber Identification (TSID) to be used to identify your computer to a fax recipient.

The TSID is transmitted when you send a fax, and usually consists of a fax number and a business name.

TSID: Fax

The [Fax Configuration Wizard (Completing the Fax Configuration Wizard)] window will appear.

8. **Click on the [Finish] button**



Completing the Fax Configuration Wizard

You have successfully completed the Fax Configuration Wizard.

Configuration Summary:

Devices configured to send faxes:
Bluetooth Modem
The TSID of these devices is Fax.

To close this wizard, click Finish.

The fax information will be have been registered, and the [Fax Console] window will appear.

This will complete the fax set-up process.

Related topics: "Sending a fax" and "Receiving a fax"

Sending a fax

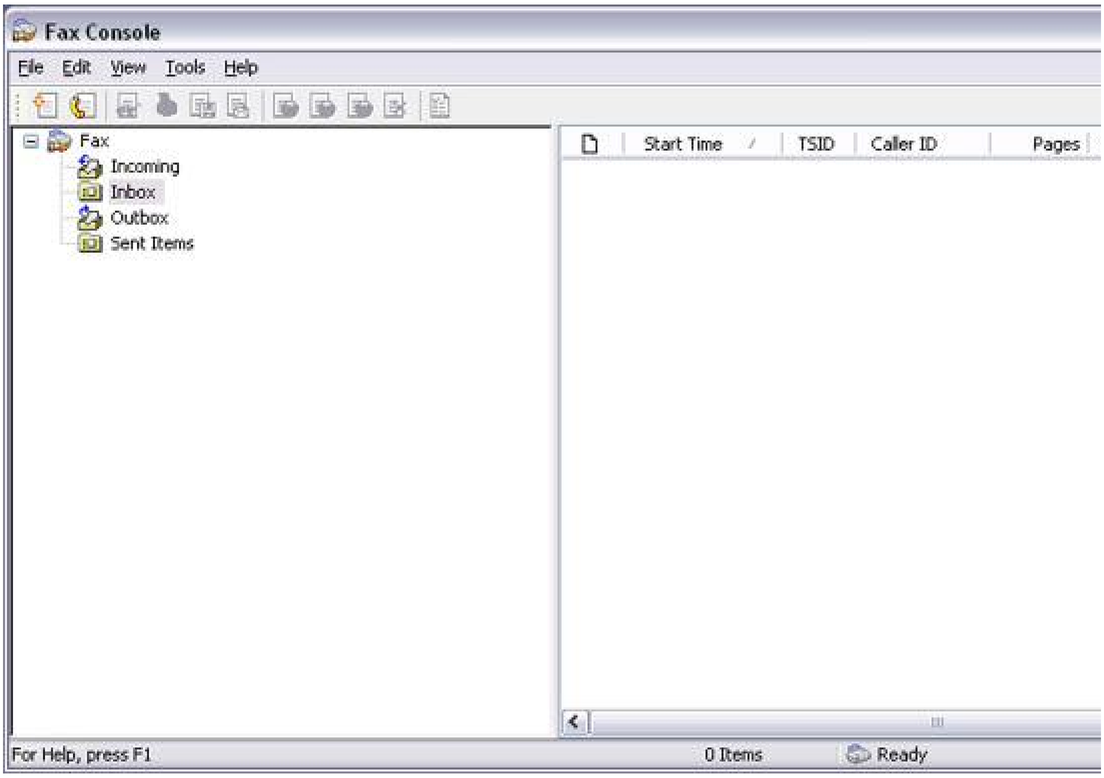
This section describes how to send a fax from the Fax Console.

Important

- The Fax service must be enabled for sending in order for you to send a fax.
  Please refer to "Using a mobile telephone" under "Troubleshooting" for how to change the send and receive settings once the service has been configured.""

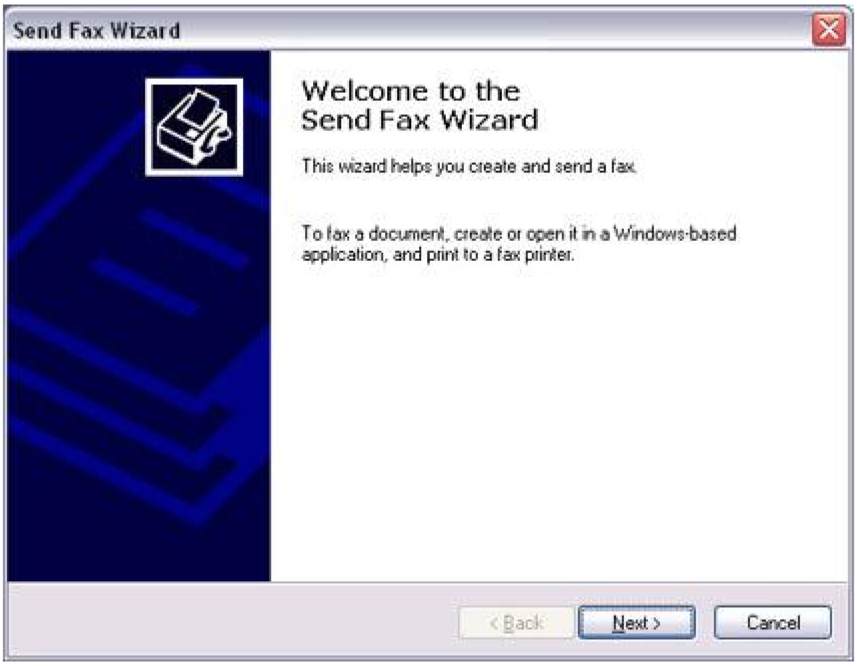
Procedure

1. **Double-click on the [Fax] icon in the Control Panel**
   The [Fax Console] window will appear.



2. **In the [Fax Console] window, click [File]->[Send fax]**
   The [Send Fax Wizard (Starting the Send Fax Wizard)] window will appear.

3. **Click on the [Next] button**



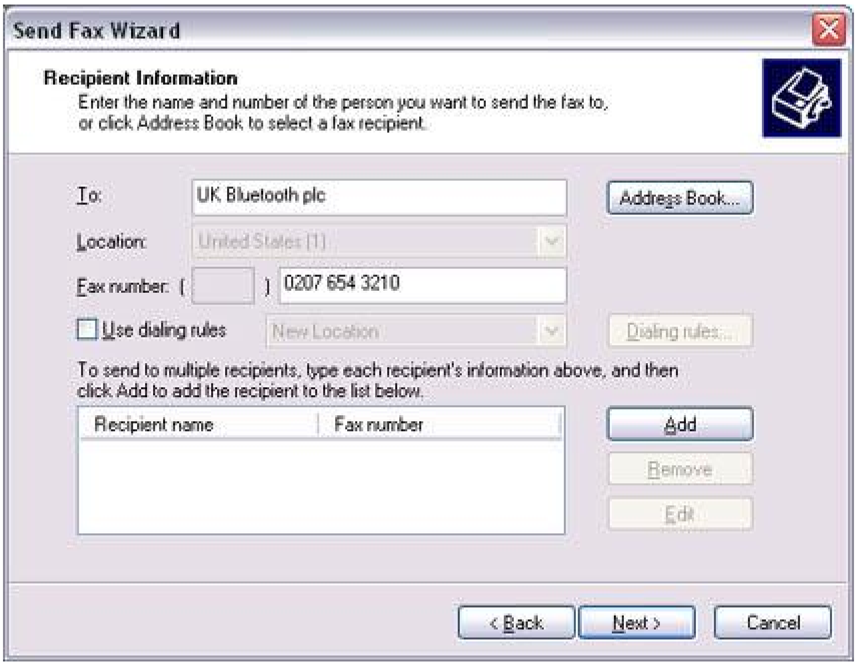
Welcome to the Send Fax Wizard

This wizard helps you create and send a fax.

To fax a document, create or open it in a Windows-based application, and print to a fax printer.

The [Send Fax Wizard (Recipient Information)] window will appear.

4. **Enter the name and fax number of the destination party, and then click on the [Next] button**



Recipient Information

Enter the name and number of the person you want to send the fax to, or click Address Book to select a fax recipient.

To: UK Bluetooth plc

Location: United States (1)

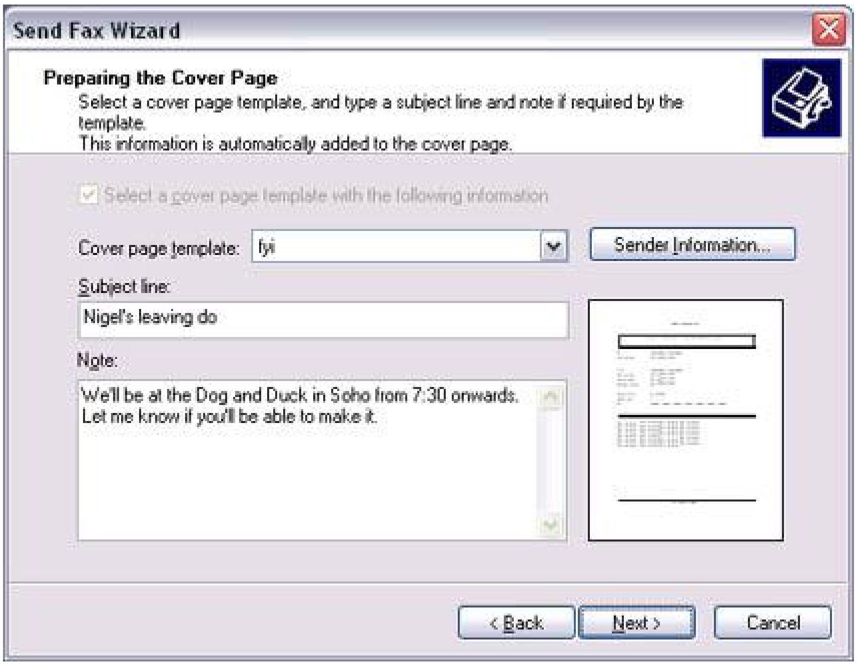
Fax number: ( ) 0207 654 3210

☐ Use dialing rules New Location

To send to multiple recipients, type each recipient's information above, and then click Add to add the recipient to the list below.

The [Send Fax Wizard (Preparing the Cover Page)] window will appear.

5. **Specify the cover page template, subject line, and note (body text), and then click on the [Next] button**



Preparing the Cover Page

Select a cover page template, and type a subject line and note if required by the template.
This information is automatically added to the cover page.

☑ Select a cover page template with the following information

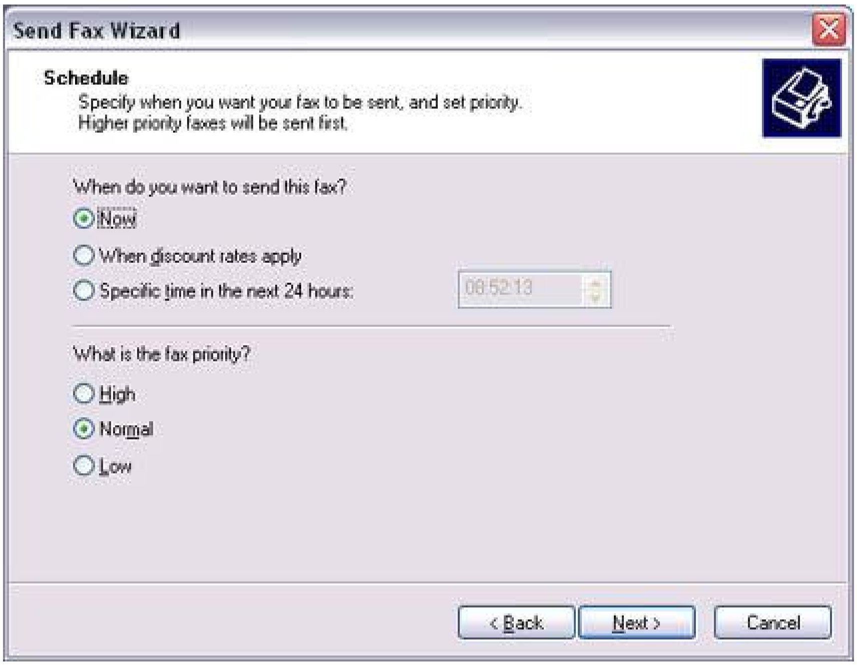
Cover page template: fyi

Subject line: Nigel's leaving do

Note: We'll be at the Dog and Duck in Soho from 7:30 onwards.
Let me know if you'll be able to make it.

The [Send Fax Wizard (Schedule)] window will appear.

6. **If you wish to send the fax immediately, select "Now", and then click on the [Next] button**



Send Fax Wizard

Schedule

Specify when you want your fax to be sent, and set priority.
Higher priority faxes will be sent first.

When do you want to send this fax?

● Now

○ When discount rates apply

○ Specific time in the next 24 hours: 08:52:13

What is the fax priority?

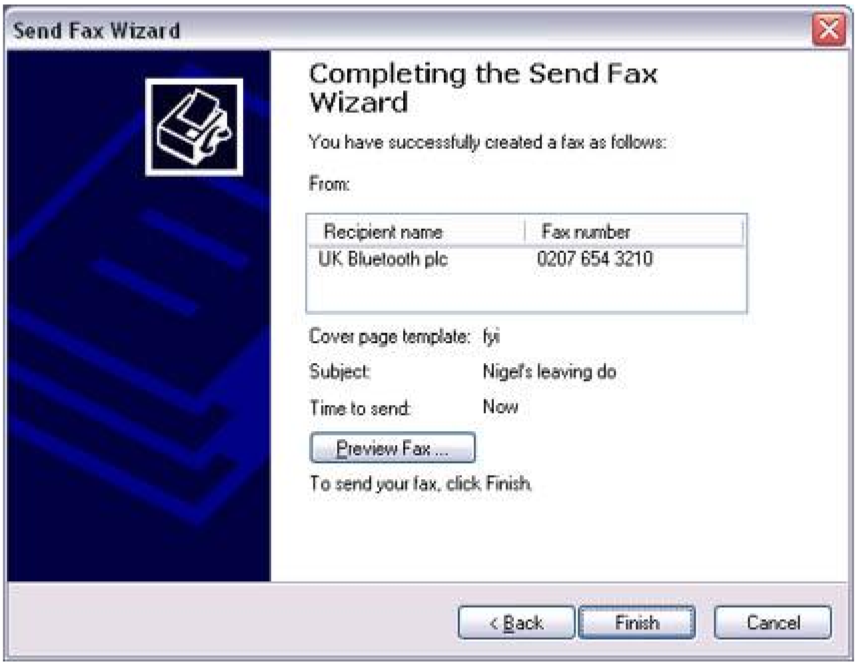
○ High

● Normal

○ Low

The [Send Fax Wizard (Completing the Send Fax Wizard)] window will appear.

7. **Confirm the destination information and transmission details, and then click on the [Finish] button**



Completing the Send Fax Wizard

You have successfully created a fax as follows:

From:

Recipient name	Fax number
UK Bluetooth plc	0207 654 3210

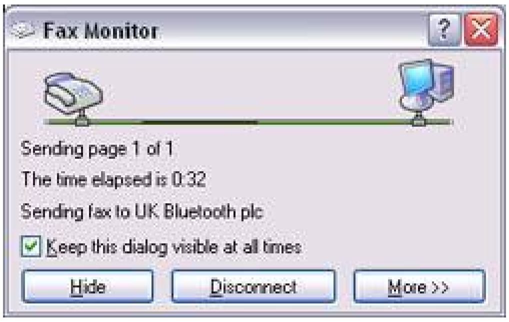
Cover page template: fyi

Subject: Nigel's leaving do

Time to send: Now

To send your fax, click Finish.

The software will automatically dial the number and send the fax.



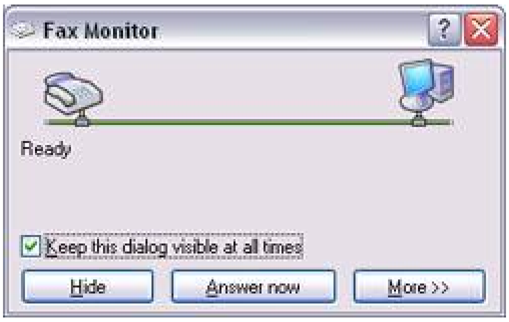
Sending page 1 of 1

The time elapsed is 0:32

Sending fax to UK Bluetooth plc

☑ Keep this dialog visible at all times

Once the fax has been sent, Fax Monitor will revert to standby mode.



Ready

☑ Keep this dialog visible at all times

Related topic: "Receiving a fax"

Receiving a fax

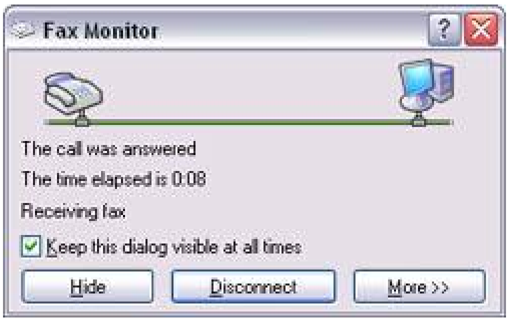
This section describes what to do when a fax arrives after you have established a connection to a modem station.

Important

- The Fax service must be enabled for receiving in order for you to receive a fax.
  Please refer to "Using a mobile telephone" under "Troubleshooting" for information on how to change the send and receive settings once the fax service has been configured.
- Please ensure you have connected to a modem station before you receive a fax (the device will be connected to the modem if "Enable Receive" has been selected or COM Auto Connect has been activated).

Procedure

1. **When a fax arrives, the Fax Monitor will start automatically as the fax is received**

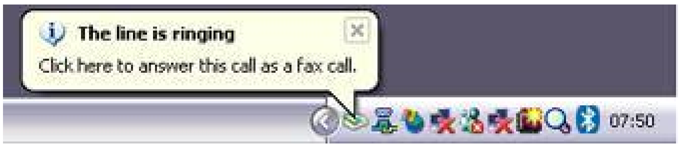


The call was answered
The time elapsed is 0:08
Receiving fax
☑ Keep this dialog visible at all times

Once the fax has been received, the Fax Monitor will revert to standby mode.

Note

If you have enabled manual fax reception, the message below will appear when a fax arrives.

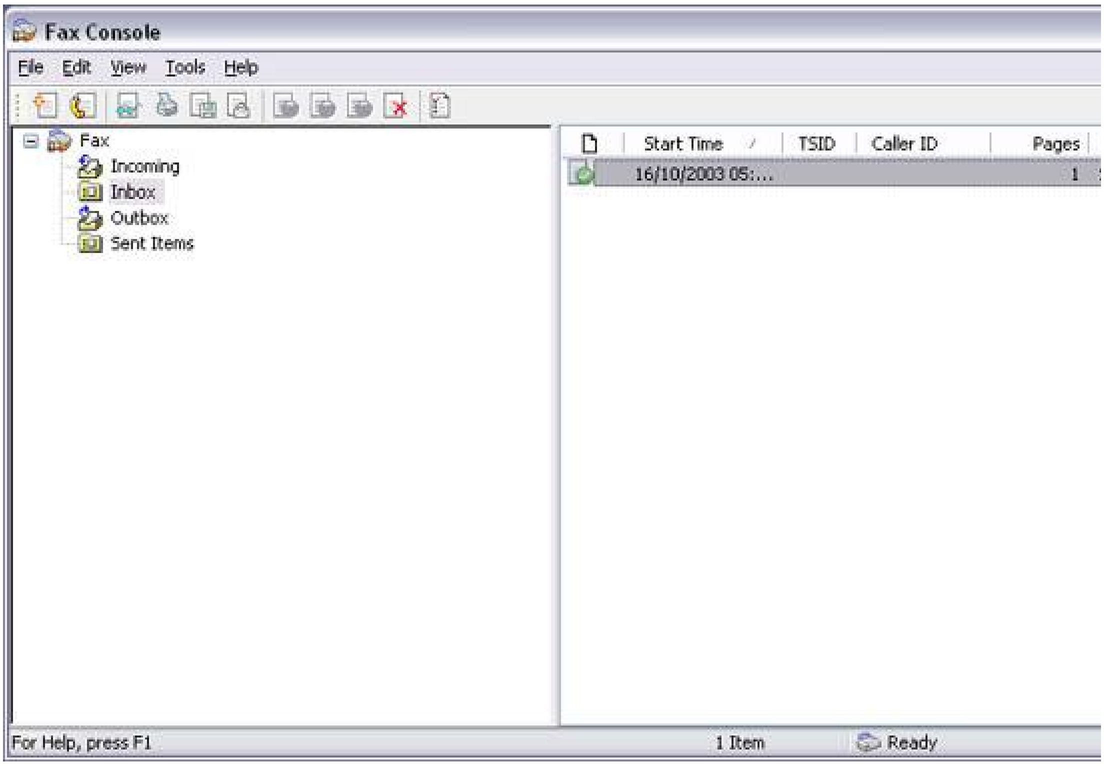


The line is ringing
Click here to answer this call as a fax call.

Click on the message with your mouse to receive the fax.

2. **Double-click on the [Fax] icon in the Control Panel**
   The [Fax Console] window will appear.

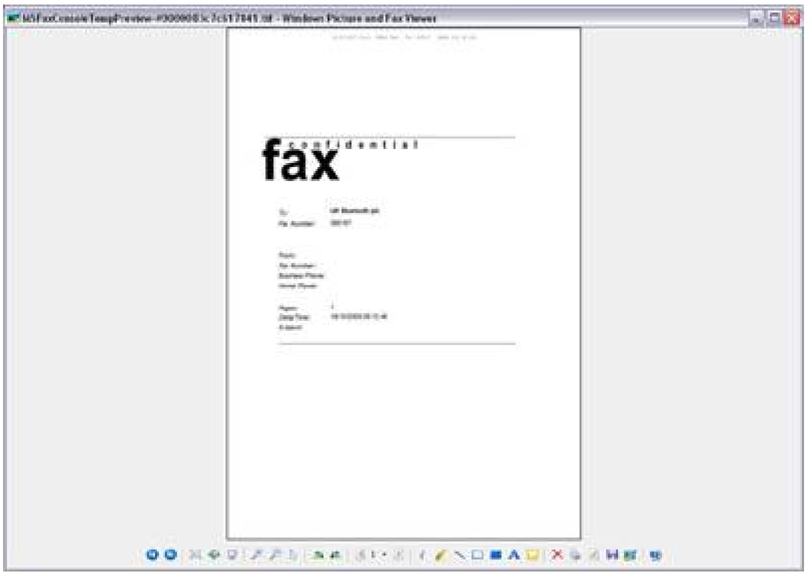
3. **In the [Fax Console] window, double-click on the fax that has arrived**



Start Time	TSID	Caller ID	Pages
16/10/2003 05:...			1

For Help, press F1 | 1 Item | Ready

An image of the received fax will be displayed.



Related topic: "Sending a fax"

Printing

This section describes how to use a Bluetooth-compatible printer for printing.

Types of printer functions

When printing using Bluetooth, the methods for configuring and using the printer will vary with the corresponding profile.

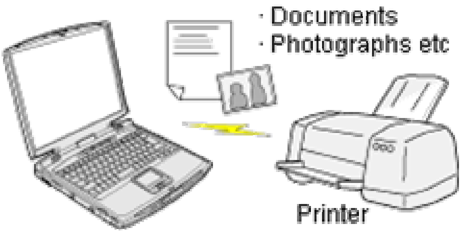
Profile	**Bluetooth Settings**	**Operation**
HCRP (*1)	You must register the printer in Bluetooth Settings	Allows you to print from various applications, as with ordinary cable-connected printers. "Printing document and images"
SPP		
OPP (*2)	Not required	Allows you to print business card data directly. "Printing business card data"
BIP	Not required	Allows you to print image data directly. "Printing images directly from a digital camera or other device"

Note

- (*1) The majority of Bluetooth-compatible printers support HCRP.
  If you have selected Express Mode, HCRP will be chosen as the default profile. If the printer does not support HCRP, then SPP will be the next choice.
- (*2) The printing of business cards using OPP complies exclusively with the business card (vCARD) standard.

Printing documents and images [HCRP] [SPP]

This section describes how to print using a Bluetooth-compatible printer.



Setting up the printer
Printing

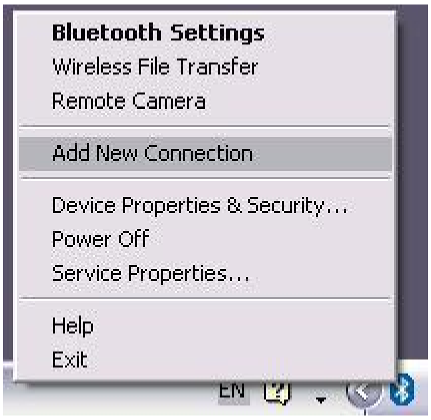
Important

- Please ensure that any printer-specific drivers have been installed on the PC before you have established a Bluetooth connection.
- A Bluetooth passkey (PIN code) is required for you to connect to the printer. Please make a note of your Bluetooth passkey before you start the set-up process.

Setting up the printer

Procedure

1. **Turn on the printer**
2. **Right-click on the Bluetooth icon in the task tray, and then click on [Add New Connection]**



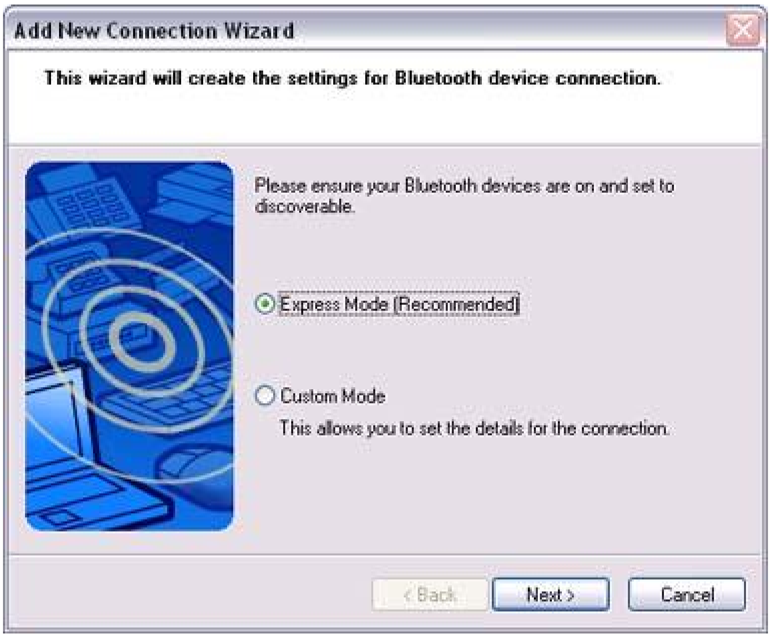
Note

Alternatively, click [Start]->[All Programs]->[Bluetooth]->[Bluetooth Settings], and then click on [New Connection] from the active

[Bluetooth Settings] window.

The [Add New Connection Wizard (Welcome to the Add New Connection Wizard)] window will appear.

3. **Confirm that [Express Mode] has been selected, and then click on the [Next] button**



Add New Connection Wizard

This wizard will create the settings for Bluetooth device connection.

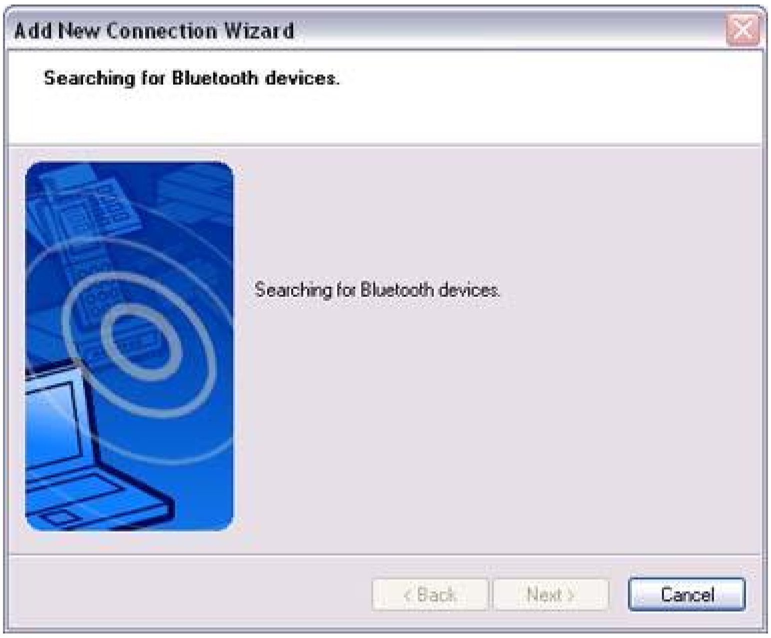
Please ensure your Bluetooth devices are on and set to discoverable.

● Express Mode (Recommended)

○ Custom Mode

This allows you to set the details for the connection.

The [Add New Connection Wizard (Searching for Bluetooth devices)] window will appear.



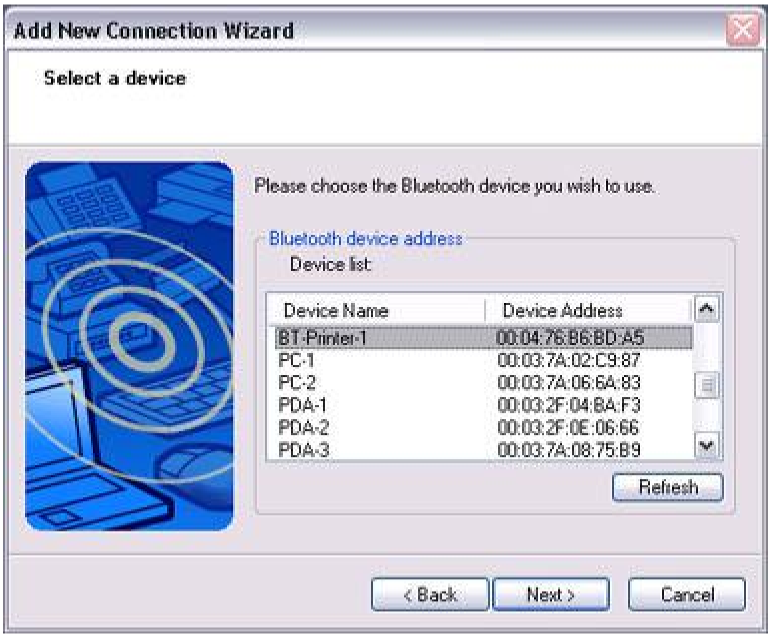
Add New Connection Wizard

Searching for Bluetooth devices.

Searching for Bluetooth devices.

Once the program has finished searching for the devices, the [Add New Connection Wizard (Device Selection)] window will appear.

4. **Select the device name of the printer from [Device List], and then click on the [Next] button**



Select a device

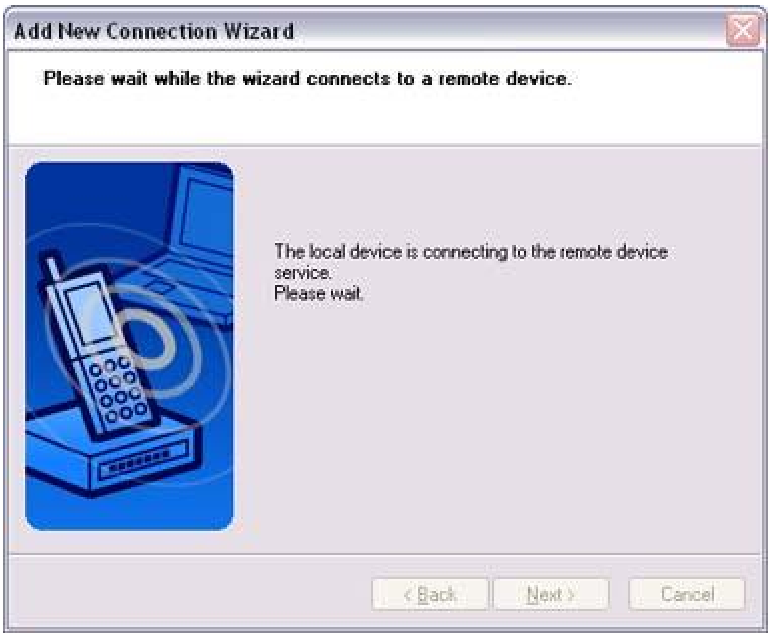
Please choose the Bluetooth device you wish to use.

Bluetooth device address

Device list:

Device Name	Device Address
BT-Printer-1	00:04:76:B6:BD:A5
PC-1	00:03:7A:02:C9:87
PC-2	00:03:7A:06:6A:83
PDA-1	00:03:2F:04:BA:F3
PDA-2	00:03:2F:0E:06:66
PDA-3	00:03:7A:08:75:B9

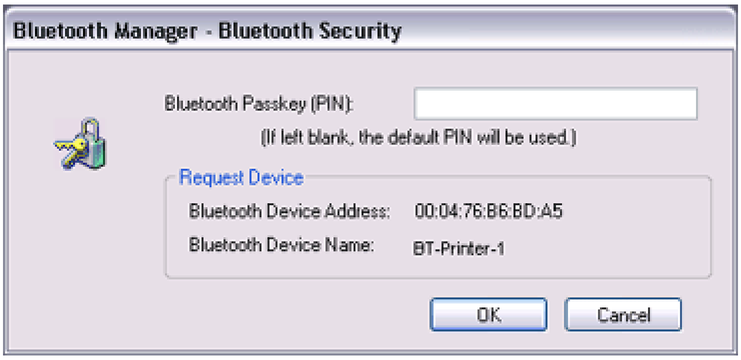
The [Add New Connection Wizard (Searching for Services)] window will appear.



Please wait while the wizard connects to a remote device.

The local device is connecting to the remote device service.
Please wait.

5. **If you are connecting to the printer for the first time, enter the passkey for the device from the [Bluetooth Passkey (PIN Code)] window, and then click on the [OK] button.**


Bluetooth Manager - Bluetooth Security

Bluetooth Passkey (PIN):

(If left blank, the default PIN will be used.)

Request Device

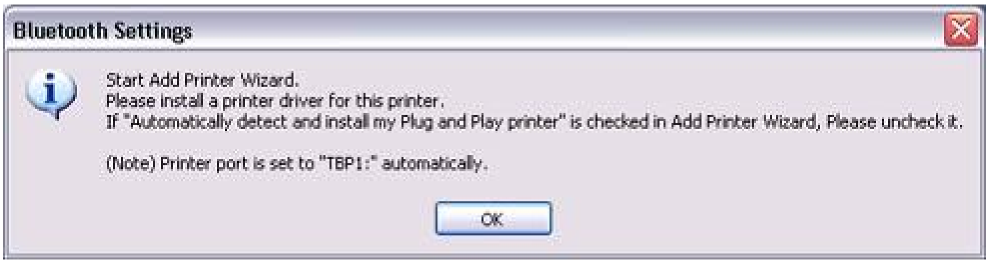
Bluetooth Device Address: 00:04:76:B6:BD:A5

Bluetooth Device Name: BT-Printer-1

Once the services have been detected successfully, connection to the device and creation of the HCRP port will be performed automatically.

If you have not yet installed a printer, a message prompting you to install a printer will appear.

6. **Click on the [OK] button**

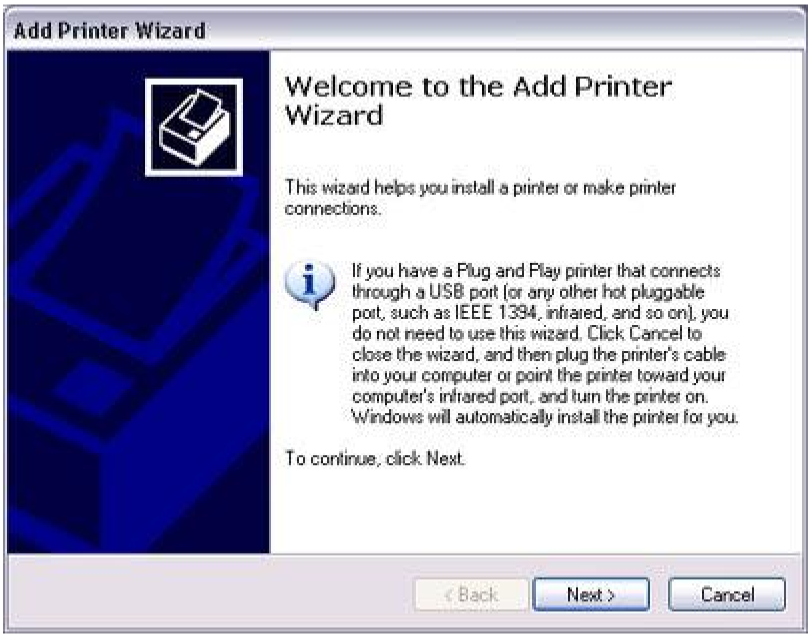

Bluetooth Settings

Start Add Printer Wizard.
Please install a printer driver for this printer.
If "Automatically detect and install my Plug and Play printer" is checked in Add Printer Wizard, Please uncheck it.

(Note) Printer port is set to "TBP1:" automatically.

The [Add Printer Wizard (Starting the Add Printer Wizard)] window will appear.

7. **Click on the [Next] button**



Welcome to the Add Printer Wizard

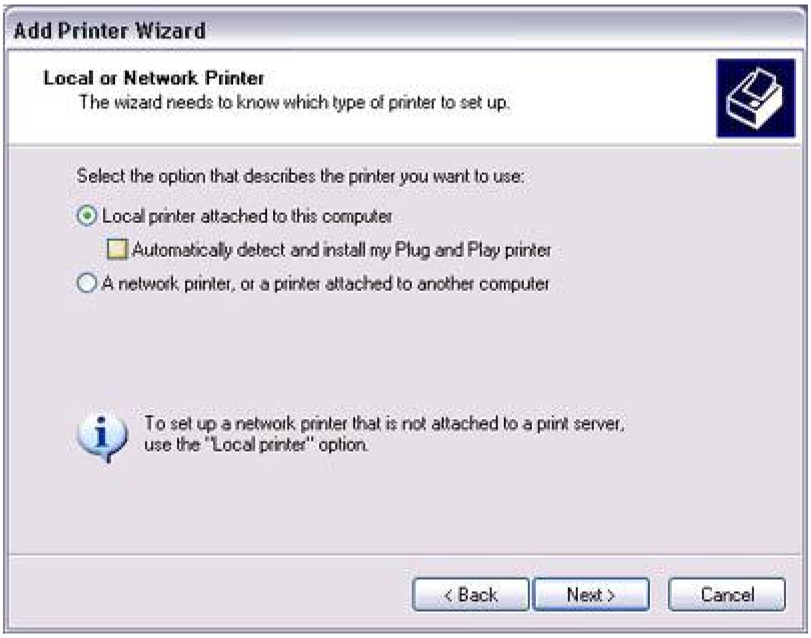
This wizard helps you install a printer or make printer connections.

If you have a Plug and Play printer that connects through a USB port (or any other hot pluggable port, such as IEEE 1394, infrared, and so on), you do not need to use this wizard. Click Cancel to close the wizard, and then plug the printer's cable into your computer or point the printer toward your computer's infrared port, and turn the printer on. Windows will automatically install the printer for you.

To continue, click Next.

The [Add Printer Wizard (Local Printer or Network Printer)] window will appear.

8. **Select "Local printer attached to this computer", remove the check next to "Automatically detect and install my Plug and Play printer", and then click on the [Next] button**



Local or Network Printer

The wizard needs to know which type of printer to set up.

Select the option that describes the printer you want to use:

● Local printer attached to this computer

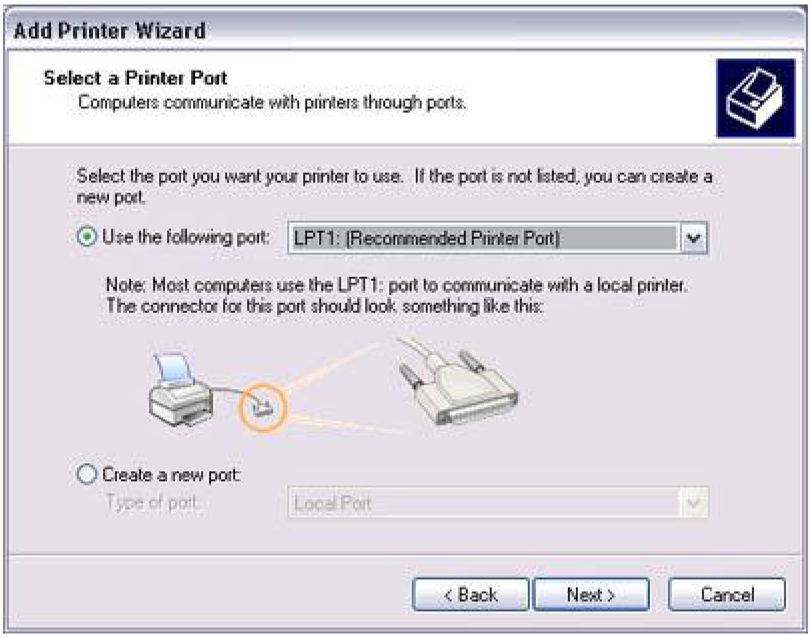
☐ Automatically detect and install my Plug and Play printer

○ A network printer, or a printer attached to another computer

To set up a network printer that is not attached to a print server, use the "Local printer" option.

The [Add Printer Wizard (Select Printer Port)] window will appear.

9. **Select the desired port, and then click on the [Next] button**



Select a Printer Port

Computers communicate with printers through ports.

Select the port you want your printer to use. If the port is not listed, you can create a new port.

● Use the following port: LPT1: (Recommended Printer Port)

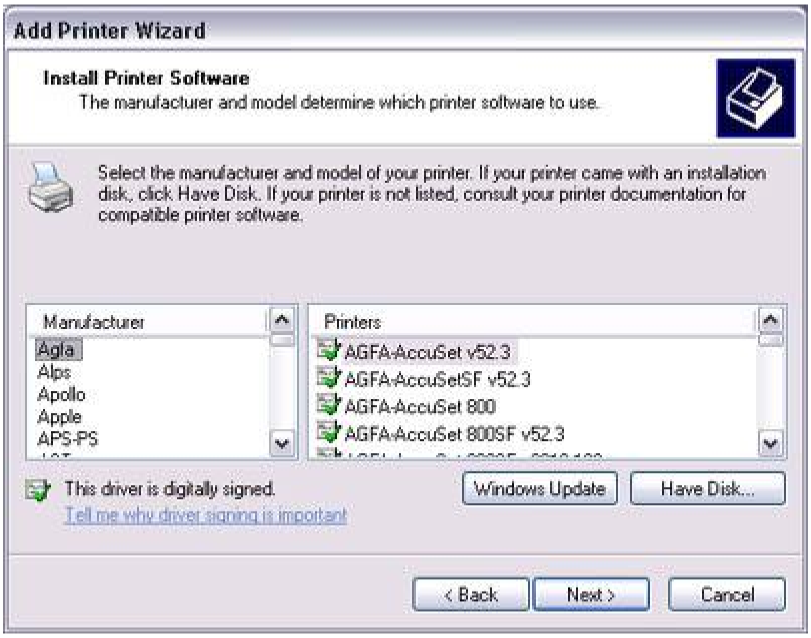
Note: Most computers use the LPT1: port to communicate with a local printer. The connector for this port should look something like this:

○ Create a new port:

Type of port: Local Port

The [Add Printer Wizard (Install Printer Software)] window will appear.

10. **Select the [Manufacturer] and [Printer] as pertains to the printer to be installed, or click on the [Use Device] button, and then click on the [Next] button**



Install Printer Software

The manufacturer and model determine which printer software to use.

Select the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for compatible printer software.

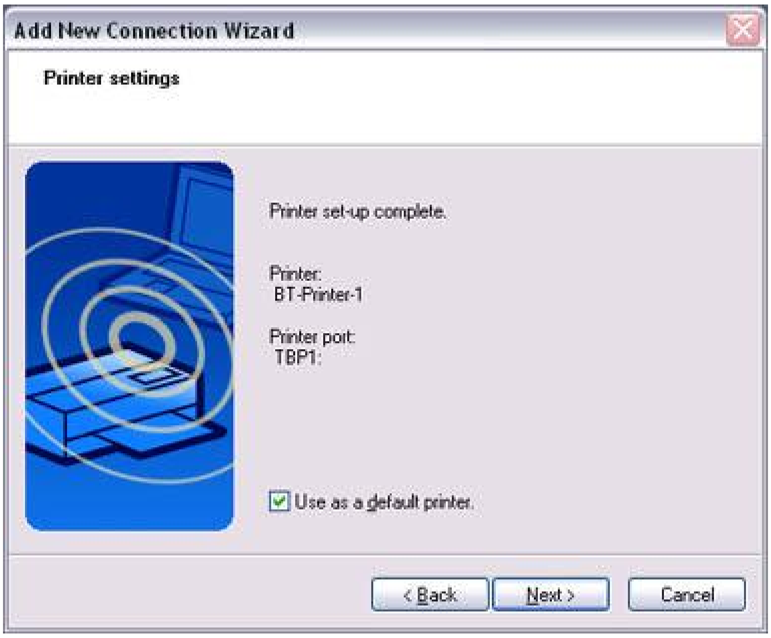
This driver is digitally signed.

Tell me why driver signing is important

Please install the printer according to the instructions in the windows that follow.

Once installation is complete, a message of confirmation will appear in the [Add New Connection Wizard (Printer Settings)] window.

11. **Click on [Next]**



Add New Connection Wizard

Printer settings

Printer set-up complete.

Printer:
BT-Printer-1

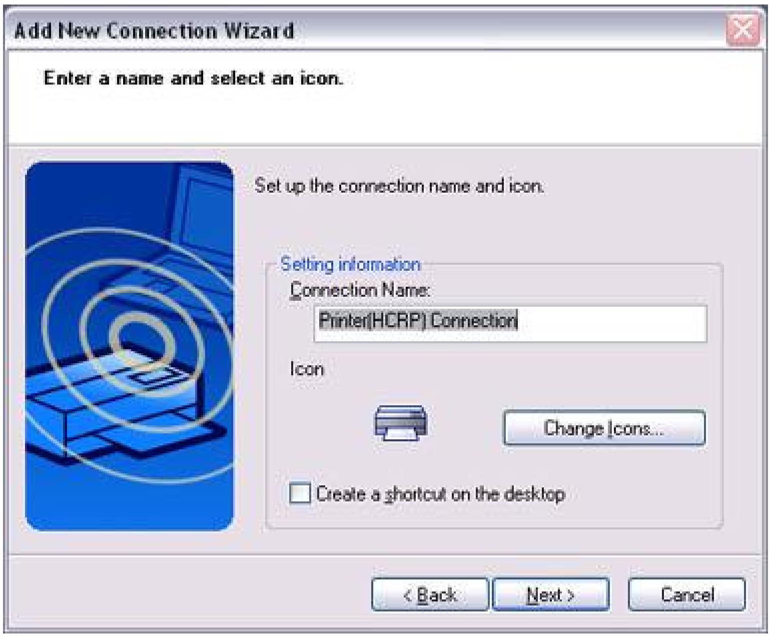
Printer port:
TBP1:

☑ Use as a default printer.

The [Add New Connection Wizard (Connection Name Settings)] window will appear.

12. **Enter the type and name of the icon displayed after registration, and then click on the [Next] button**

Please click on the [Next] button if you are satisfied with the settings.



Add New Connection Wizard

Enter a name and select an icon.

Set up the connection name and icon.

Setting information

Connection Name:
Printer(HCRP) Connection

Icon

☐ Create a shortcut on the desktop

Note

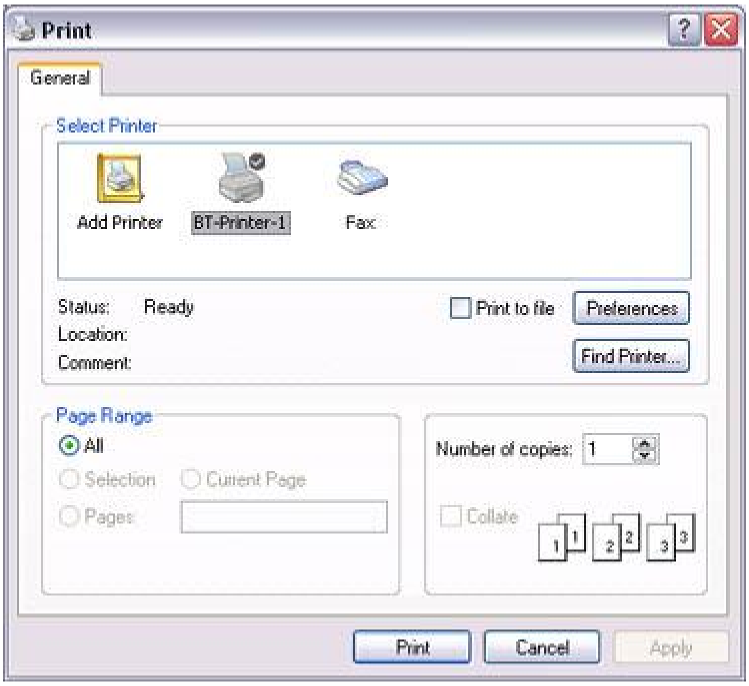
You can change the connection icon and icon name.
"Changing the connection icon name"
"Changing the connection icon"

Printing

Try to print from the message pad.

1. **Click [File]->[Print]**
   The [Print] screen will appear.

2. **Select wireless printer from under [Select Printer], and then click on the [Print] button**



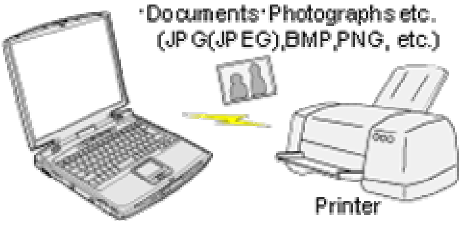
Printing will commence.

Note

If you have connected to a printer using HCRP or SPP profiles, all future Bluetooth connections to that printer will be established automatically once you have printed a document from your PC.

Printing images directly from a digital camera or other device [BIP]

If you have a printer that supports BIP (Basic Imaging Profile), you can send images directly to a printer to be printed out, without having to perform any special set-up procedure.



Printing image files on a printer (using icons)
Printing image files on a printer (by right-clicking the mouse)

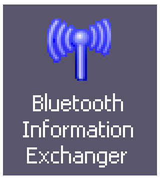
Note

- Below is a list of file types (extensions) of images that can be printed out directly.
    - Bitmap (*.bmp)
    - JPEG (*.jpg; *.jpeg)
    - PNG (*.png)

Procedure

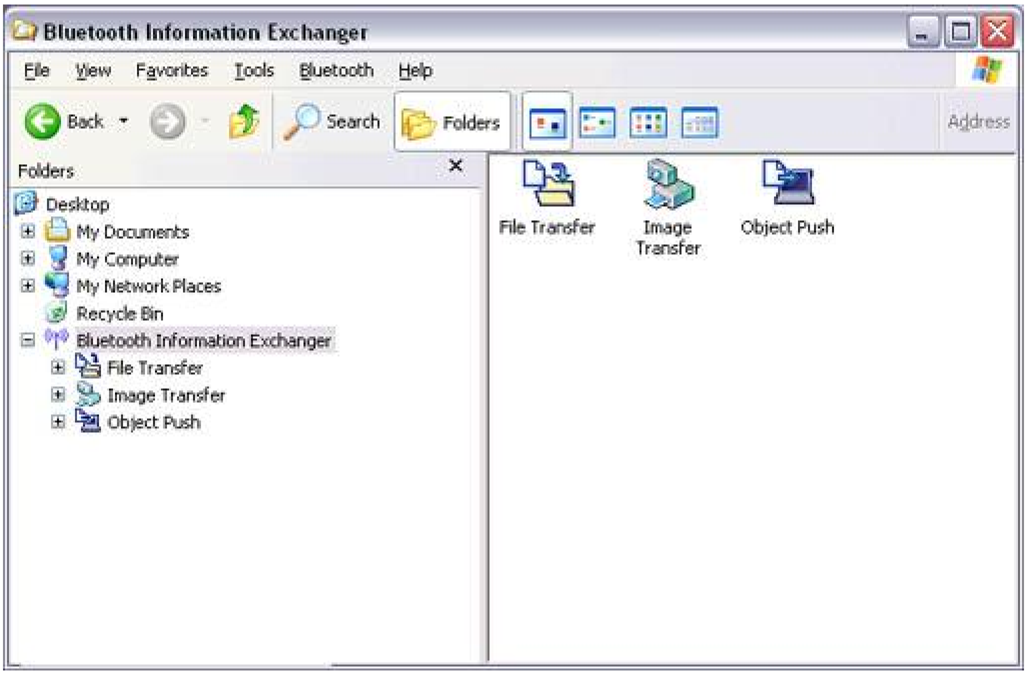
Printing image files on a printer (using icons)

1. **Turn on the printer**
2. **Click on the Bluetooth Information Exchanger icon on the Desktop**



Note

Alternatively, open Explorer and click on the Bluetooth Information Exchanger folder for the same result.



The [Bluetooth Information Exchanger] window will appear.

3. **Double-click on the [Image Transfer] icon**

A list of devices will appear in the [Image Transfer] window.

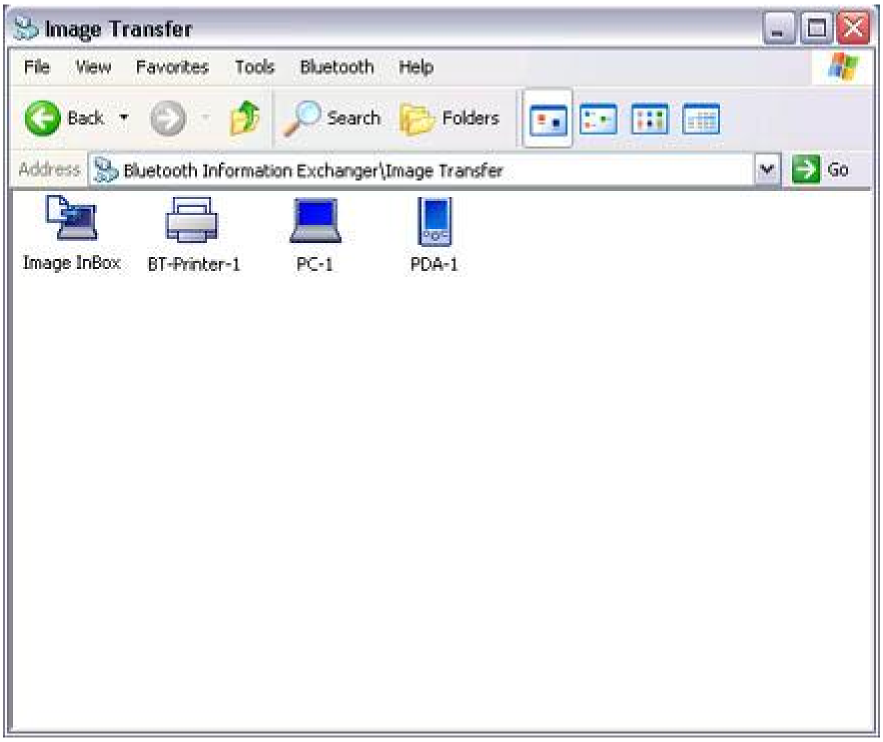


Image Transfer
File View Favorites Tools Bluetooth Help
Back Search Folders
Address
Bluetooth Information Exchanger\Image Transfer
Go
Image InBox
BT-Printer-1
PC-1
PDA-1

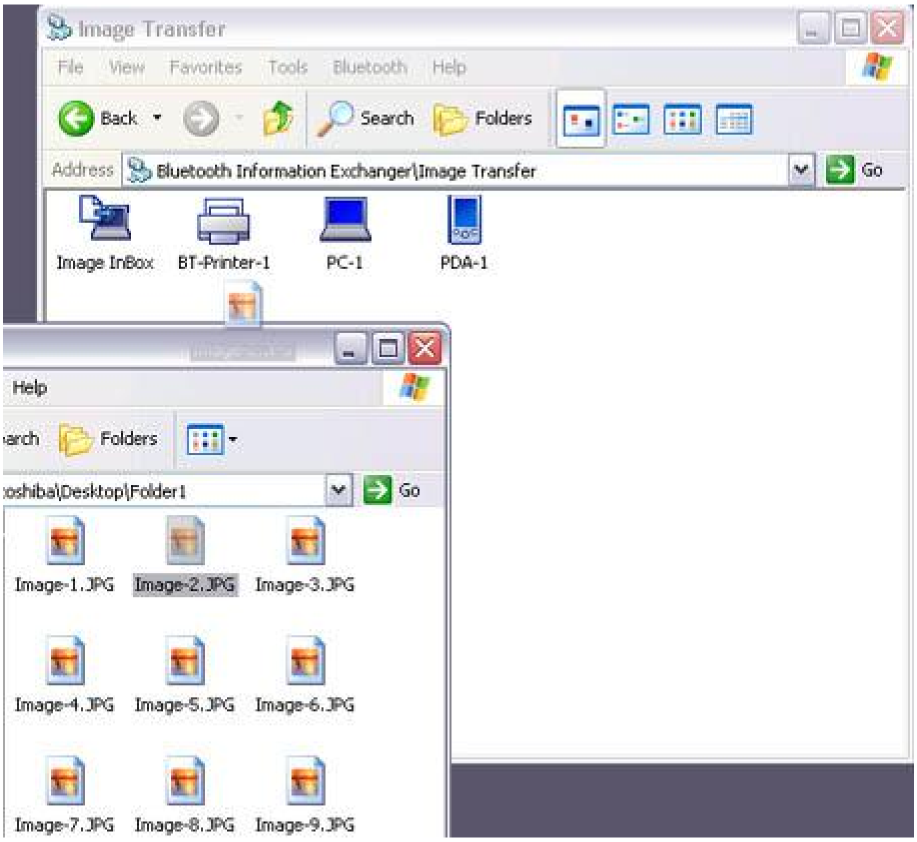
Note

If your desired printer does not appear in the list, please confirm that the printer has been turned on, and then click on

[Bluetooth]->[Search Devices]

A device search will be performed.

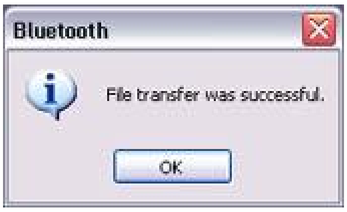
4. **Drag and drop the file to be sent on top of the icon of the destination printer**



Address Bluetooth Information Exchanger\Image Transfer

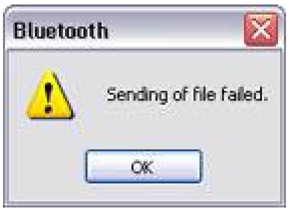
oshiba\Desktop\Folder1

The file will be sent to the printer.
If the file has been sent to the printer successfully, the message below will appear, and the image will be printed out. Please click on the [OK] button.



File transfer was successful.

The message below will appear if the file transmission was unsuccessful. Please click on the [OK] button to close the message, and repeat the printing procedure.

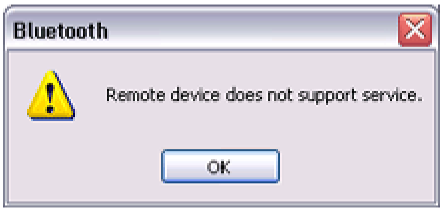


Bluetooth

Sending of file failed.

Note

If the printer does not support the BIP profile, the message below will appear.

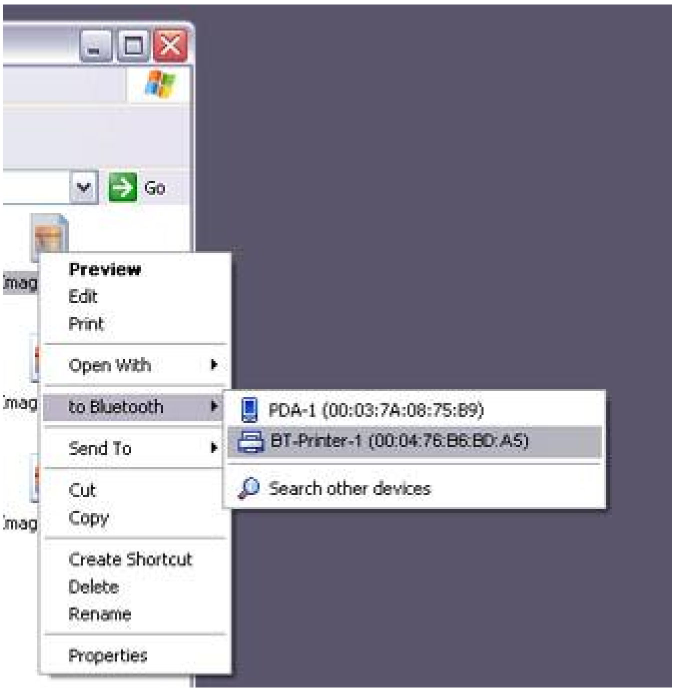


Bluetooth

Remote device does not support service.

Printing image files to a printer (by right-clicking the mouse)

1. **Turn on the printer**
2. **Right-click on the file to be sent, and then click on the destination printer under [to Bluetooth]**

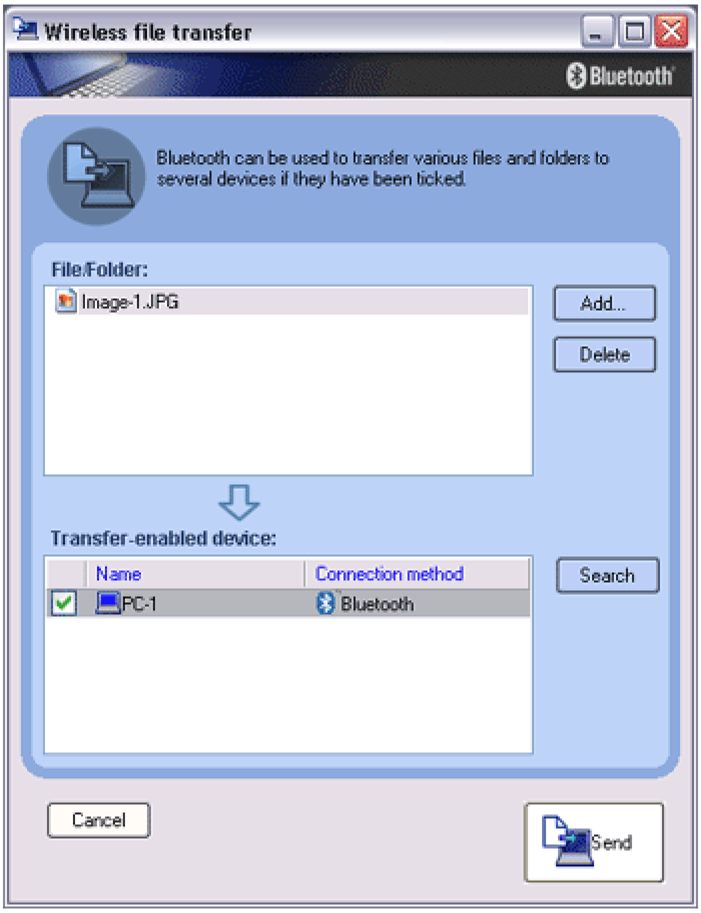


Note

If your desired device does not appear in the list, please confirm that the device has been turned on, and then click on [to Bluetooth] ->

[Search Other Devices]

Once the device has been detected, the message below will appear. Please select the destination device, and click on the [Send] button.



Bluetooth can be used to transfer various files and folders to several devices if they have been ticked.

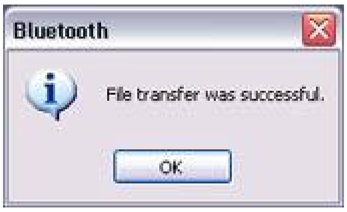
File/Folder:

Image-1.JPG

Transfer-enabled device:

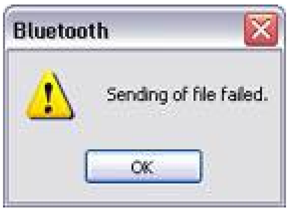
	Name	Connection method
☑	PC-1	Bluetooth

A window indicating that the file is being sent to the printer will appear. If the file has been sent to the printer successfully, the message below will appear, and the image will be printed out. Please click on the [OK] button.



File transfer was successful.

The message below will appear if the file transmission was unsuccessful. Please click on the [OK] button to close the message, and repeat the printing procedure.

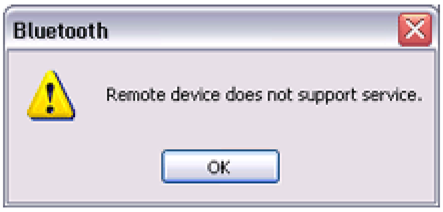


Bluetooth

Sending of file failed.

Note

If the printer does not support the BIP profile, the message below will appear.

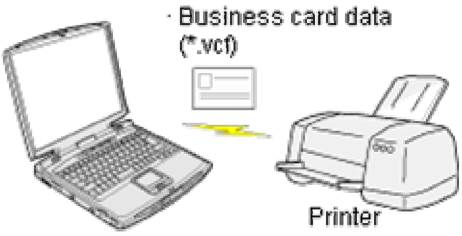


Bluetooth

Remote device does not support service.

Printing business card data [OPP]

If you have a printer that supports OPP (Object Push Profile), you can directly send business card data that conforms to the "vCard" standard to a printer and print it out.



Printing business card data (using icons)
Printing business card data (by right-clicking the mouse)

Procedure

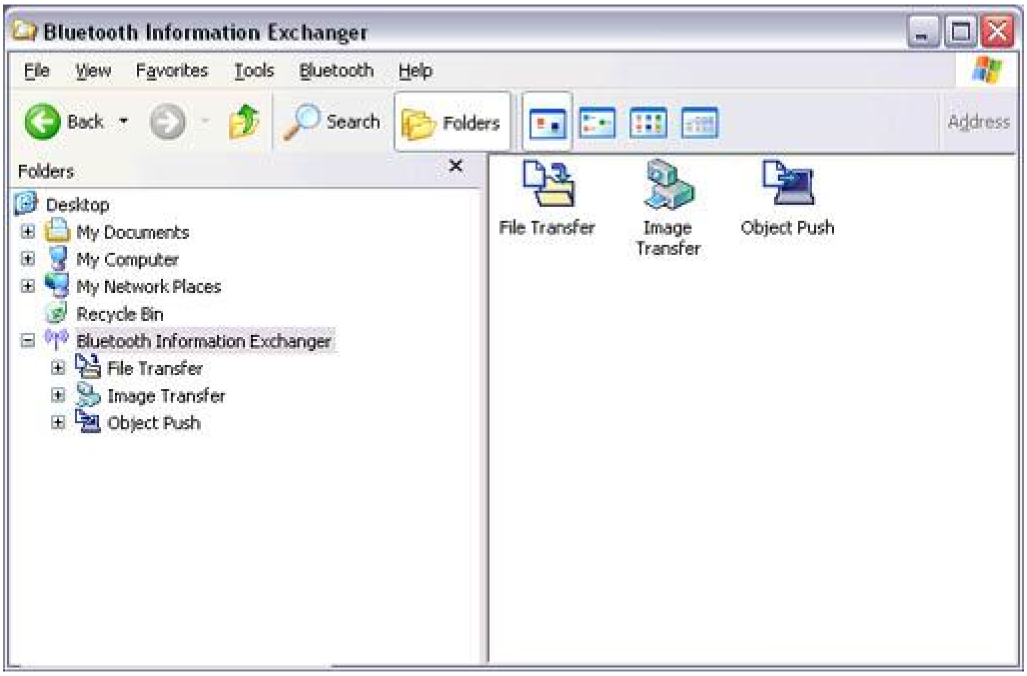
Printing business card data (using icons)

1. **Turn on the printer**

2. **Click on the Bluetooth Information Exchanger icon on the Desktop**

Note

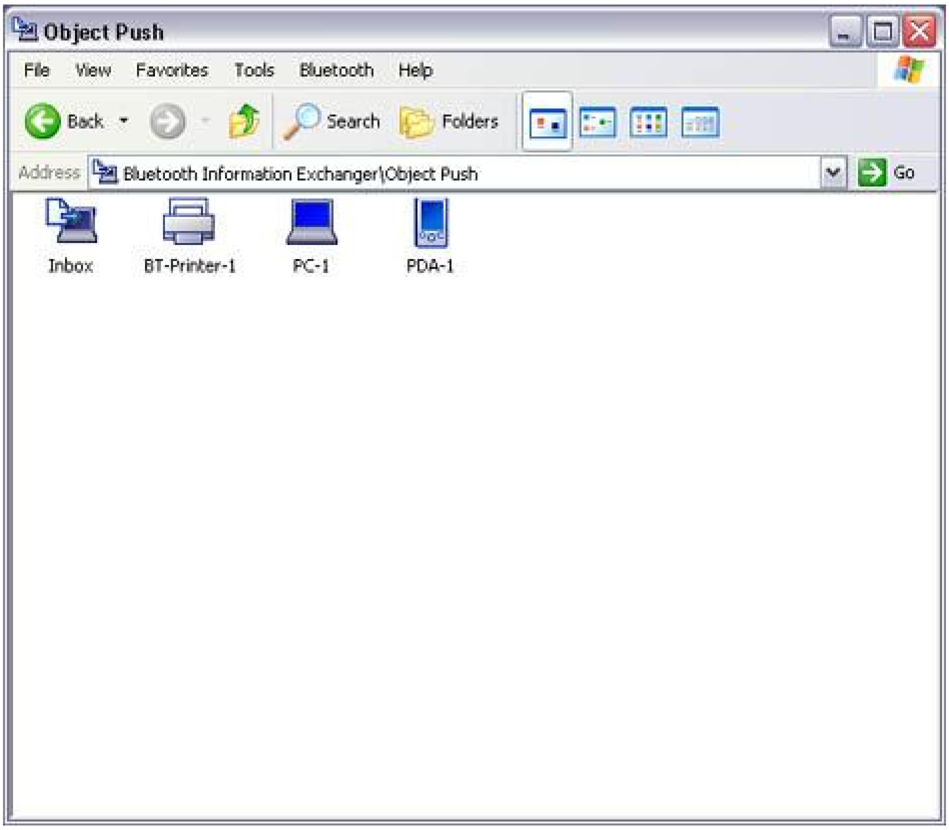
Alternatively, open Explorer and click on the Bluetooth Information Exchanger folder for the same result.



The [Bluetooth Information Exchanger] window will appear.

3. **Double-click on the [Object Push] icon**

A list of devices will appear in the [Object Push] window.

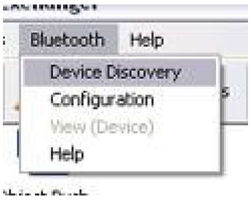


Here, the image will be sent to the target printer.

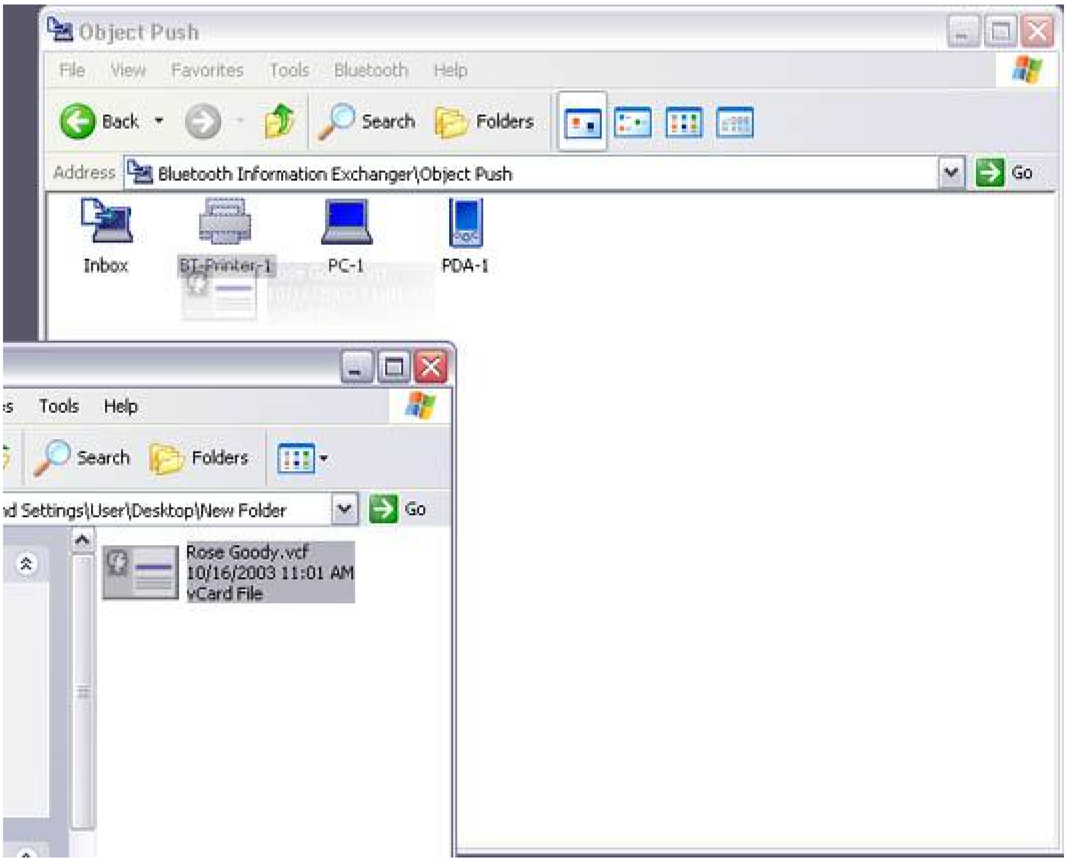
Note

If your desired printer does not appear in the list, please confirm that the printer has been turned on, and then click on [Bluetooth]->[Search Devices]

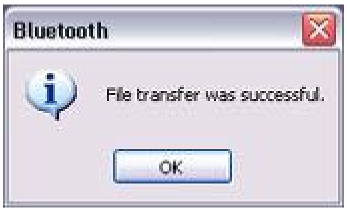
A device search will be performed.



4. **Drag and drop the business card data to be sent on top of the icon of the destination printer**

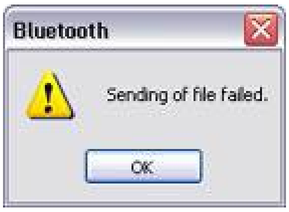


The business card will be sent to the printer.
If the business card has been sent to the printer successfully, the message below will appear, and the image will be printed out. Please click on the [OK] button.



File transfer was successful.

The message below will appear if the business card transmission was unsuccessful. Please click on the [OK] button to close the message, and repeat the printing procedure.

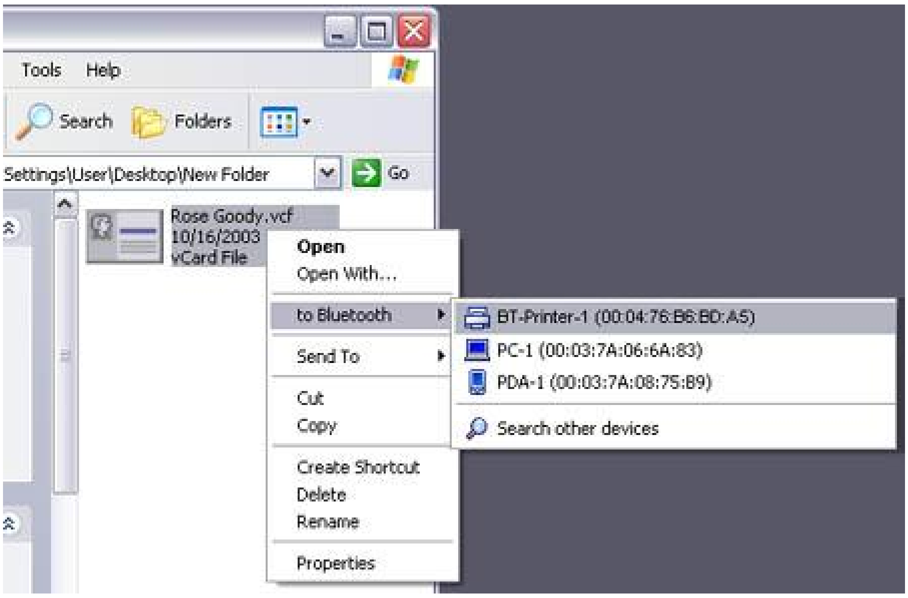


Sending of file failed.

Printing business card data (by right-clicking the mouse)

1. **Turn on the printer**

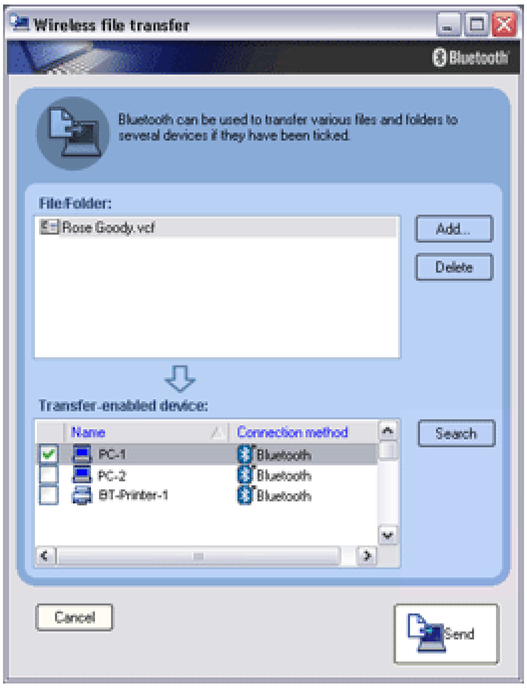
2. **Right-click on the business card data to be sent, and then click on the destination printer under [to Bluetooth]**



Note

If your desired device does not appear in the list, please confirm that the device has been turned on, and then click on [to Bluetooth]->[Search Other Devices]

Once the device has been detected, the message below will appear. Please select the destination device, and click on the [Send] button.



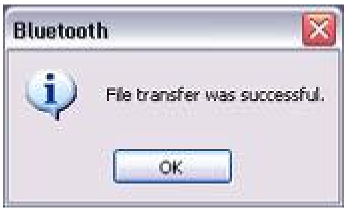
Bluetooth can be used to transfer various files and folders to several devices if they have been ticked.

File/Folder: Rose Goody.vcf

Transfer-enabled device:

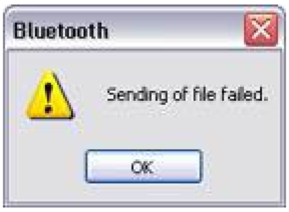
	Name	Connection method
☑	PC-1	Bluetooth
☐	PC-2	Bluetooth
☐	BT-Printer-1	Bluetooth

The business card will be sent to the printer.
If the business card has been sent to the printer successfully, the message below will appear, and the image will be printed out. Please click on the [OK] button.



File transfer was successful.

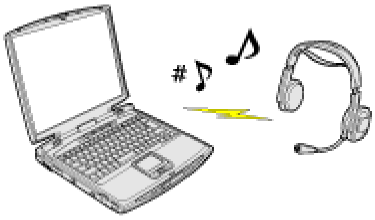
The message below will appear if the business card transmission was unsuccessful. Please click on the [OK] button to close the message, and repeat the printing procedure.



Sending of file failed.

Listening to music using the stereo headphones [GAVDP] [A2DP] [AVRCP]

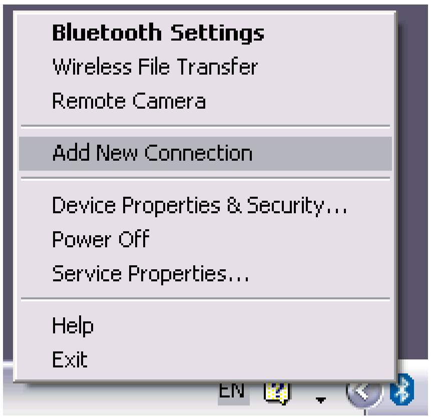
This section describes how to use the stereo headphones to listen to your favorite music or other audio files stored on your PC.



Configuring the stereo headphones

Procedure

1. **Right-click on the Bluetooth icon in the task tray, and click on [Add New Connection].**



Note

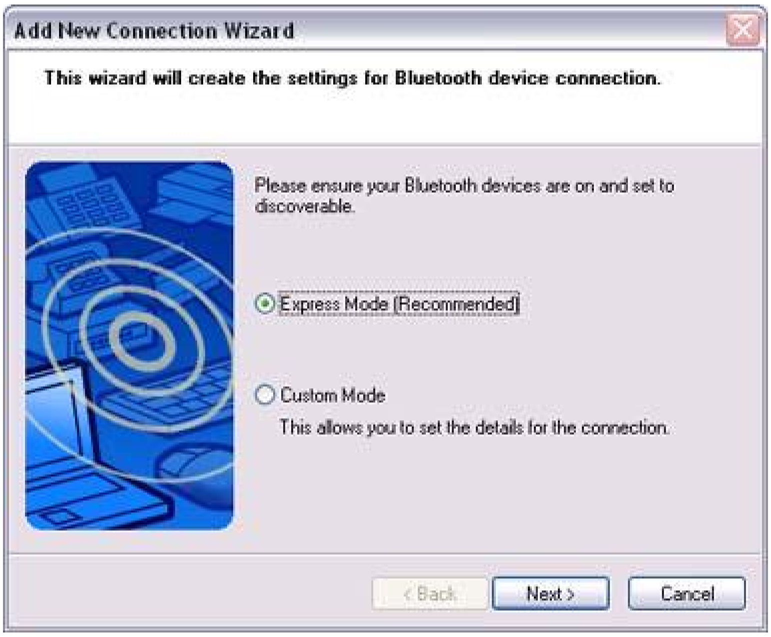
Alternatively, click [Start]->[All Programs]->[Bluetooth]->[Bluetooth Settings], and then click on [New Connection] from the [Bluetooth Settings] screen that has opened.

The [Add New Connection Wizard (Welcome to the Add New Connection Wizard)] will appear.

2. **Switch ON the stereo headphones and activate "Discoverable" mode**

Please refer to the user guide for the stereo headphones for further information on how to operate them.

3. **Confirm that [Express Mode] has been selected, and then click on the [Next] button**



Add New Connection Wizard

This wizard will create the settings for Bluetooth device connection.

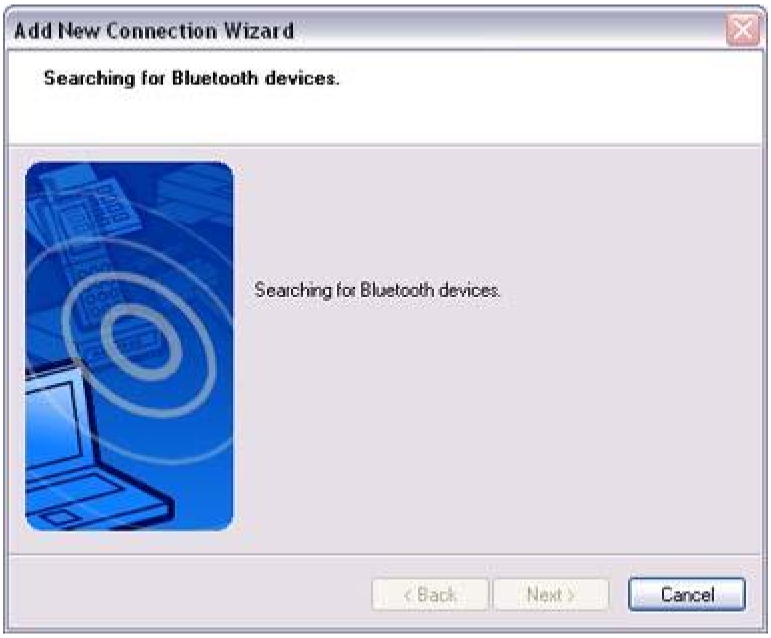
Please ensure your Bluetooth devices are on and set to discoverable.

● Express Mode (Recommended)

○ Custom Mode

This allows you to set the details for the connection.

The [Add New Connection Wizard (Searching for Bluetooth Devices)] screen will appear.



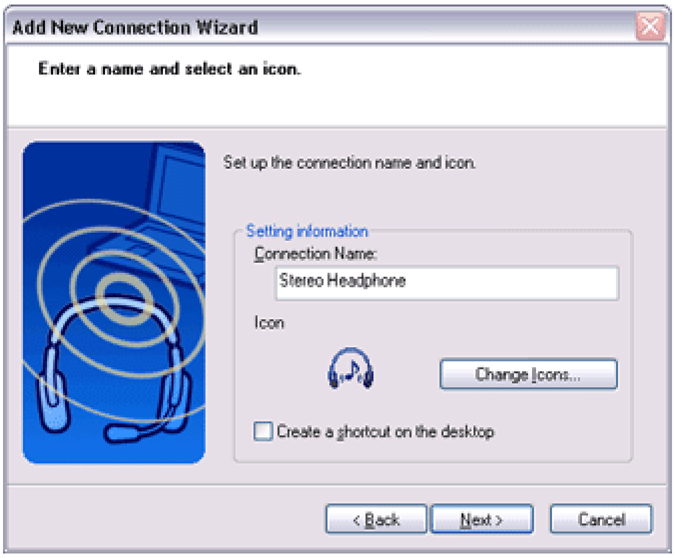
Add New Connection Wizard

Searching for Bluetooth devices.

Searching for Bluetooth devices.

Once the search for the devices has ended, the [Add New Connection Wizard (Select Device)] screen will appear.

4. **Select the device name of the stereo headphones from the list, and click on the [Next] button**


Add New Connection Wizard

Enter a name and select an icon.

Set up the connection name and icon.

Setting information

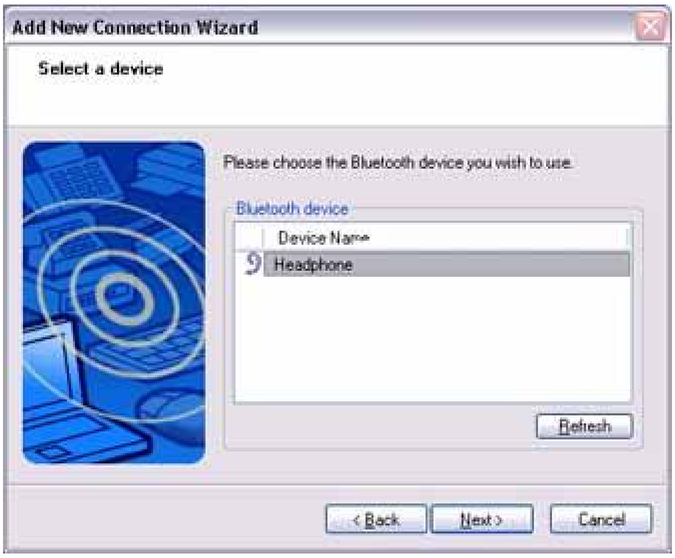
Connection Name: Stereo Headphone

Icon

☐ Create a shortcut on the desktop

The [Add New Connection Wizard (Searching for Services)] screen will appear.

5. **Configure the type and name of the icon to appear once registration is complete, and click on the [Next] button**
Please click the [Next] button once you are satisfied with the configuration.


Add New Connection Wizard

Select a device

Please choose the Bluetooth device you wish to use.

Bluetooth device

Device Name
Headphone

The [Add New Connection Wizard (Configure Connection Name)] screen will appear.

6. **Click on the [Finish] button**

The settings will be registered, and the icon will appear on the [Bluetooth Settings] screen.

Connecting to the stereo headphones

You can connect to the stereo headphones from the icon registered in [Bluetooth Settings]. Please refer to the user guide for information on how to make a connection from the stereo headphones.

Important

- Please close the following audio applications before any connection is made between your stereo headphones and PC.
    - Music/video playback applications
    - e-Conferencing applications
    - Voice-recognition applications

Please finish connecting the stereo headphones before launching any of these applications.

Listening to music or other audio files

1. **Playing music or other audio files on your PC**

Important

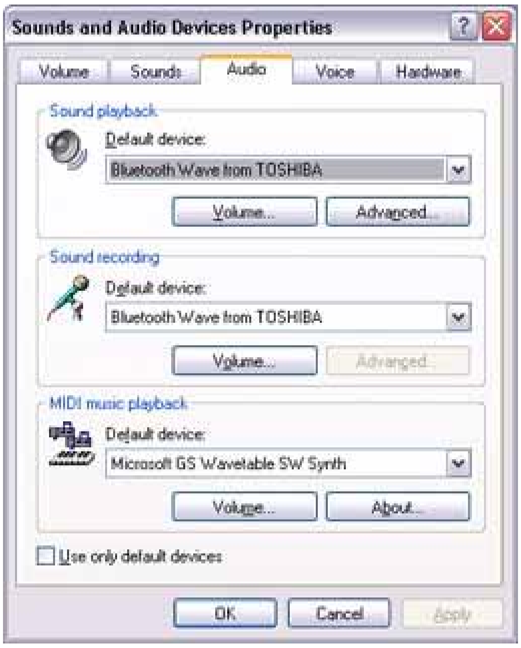
- Please confirm the points below if you are unable to hear anything despite having properly connected the stereo headphones.

  Click [Start]->[All Programs]->[Accessories]->[Entertainment]->[Volume Control].

  Remove the tick next to [Mute] if it has been ticked. If the volume is at its lowest setting, please adjust it to an appropriate level.
- Music playback may be interrupted if other Bluetooth devices are currently connected to your PC. When you are listening to music, it is recommended that the stereo headphones be the only connected device.

- Music playback may be interrupted if you are some distance away from the PC, or if there are any obstructions between you and the PC.
- If you are unable to hear any sound out of your stereo headphones while music or audio is currently playing in a related application, please stop the files being played, open [Sounds and Audio Devices] from the Control Panel, and change the default device to "Toshiba Bluetooth Wave."

  If you are still unable to hear any sound from the stereo headphones even after having set "Toshiba Bluetooth Wave" as the default device, please re-launch the application.



Sound playback — Default device: Bluetooth Wave from TOSHIBA

Sound recording — Default device: Bluetooth Wave from TOSHIBA

MIDI music playback — Default device: Microsoft GS Wavetable SW Synth

☐ Use only default devices

2. **Finishing listening to music and disconnecting**
   - **Right-click on the icon for the currently connected mode from [Bluetooth Settings] on your PC, and click on "Disconnect."**
     A message confirming the disconnection may appear.
   - **Click on the "Yes" button after having followed the instructions in the message.**
     The icon will indicate that the device has been disconnected.

Important

- Please close the following audio applications before you disconnect the stereo headphones from your PC:
  - Music/video playback applications

- e-Conferencing applications
- Voice-recognition applications

Please completely disconnect the stereo headphones before launching any of these applications.

Please refer to the user guide for information on terminating a connection from the stereo headphones.

Playing music using remote control

Music applications and video playback applications installed on your PC (e.g.,"Windows Media Player 9" and "InterVideo WinDVD") may be operated with the remote control button/switch on your stereo headphones.

The remote control used with the stereo headphones must be compliant with the Bluetooth AVRCP profile. Please refer to the headphones user guide for further information.

You can configure the application to be operated using the switch/button according to the following procedure.

Procedure

1. **Double-click on the Bluetooth icon in the taskbar**
   Launches "Bluetooth Settings."
2. **Click on [Bluetooth]->[Select AV Player] from the menu bar**
   The [Select AV Player] screen will appear.
3. **Select the application, and click on the [OK] button**

The functions and switch/button that can be operated may differ depending on the application used for music/video playback as well as the version.

The procedure below can be performed in order to change the position where the receive command is displayed or to not have the command displayed.

Procedure

1. **Double-click on the Bluetooth icon in the taskbar**
   Launches "Bluetooth Settings."
2. **Click on [Bluetooth]->[Select AV Player] from the menu bar.**
   The [Select AV Player] screen will appear.
3. **Select the appropriate item from the pull-down menu of positions where the receive command is to be displayed, and then click on the [OK] button.**

If the receive command appears but does not function properly, sometimes the problem may be rectified by changing the setting to "Do not display."

The commands supported by this application are shown below. Please refer to the headphone user guide for commands that are supported by the stereo headphones. Problems with operation may be encountered with certain versions of "Windows Media Player 9" and "InterVideo WinDVD."

[Windows Media Player 9]

- Play
- Stop
- Pause
- Next
- Previous
- Fast forward
- Rewind

[InterVideo WinDVD]

- Play
- Stop
- Pause
- Next chapter
- Previous chapter
- Fast Forward
- Fast Backward
- Up
- Down
- Left
- Right
- Select
- Root menu
- Angle

Copyright protection function

A copyright protection function is supported according to the SCMS-T format as defined in the Bluetooth specifications. Follow the configuration procedure below to establish connections only with devices that support this function.

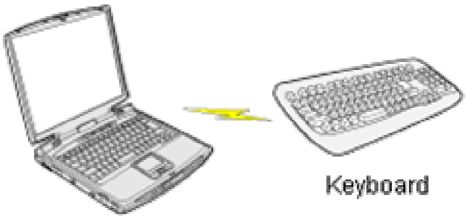
Procedure

1. **Double-click on the Bluetooth icon in the task tray.**
   Launches "Bluetooth Settings."
2. **Select [Bluetooth] from the menu, and click on [Copyright Protection Setting].**
   The copyright protection dialog will appear.

3. **Tick the box next to "Only connect to devices that are copyright-protected under the SCMS-T format," and click on the OK button.**

Using a wireless keyboard [HID]

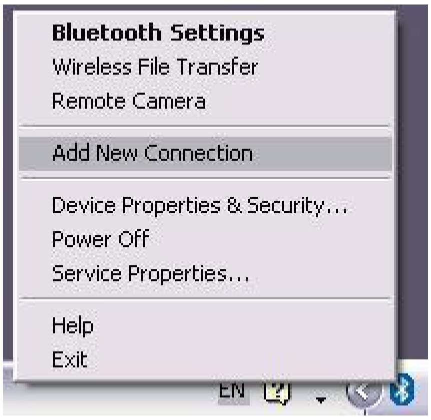
This section describes how to connect a Bluetooth-compatible keyboard to a PC.



Setting up the wireless keyboard

Procedure

1. **Right-click on the Bluetooth icon in the task tray, and then click on [Add New Connection]**

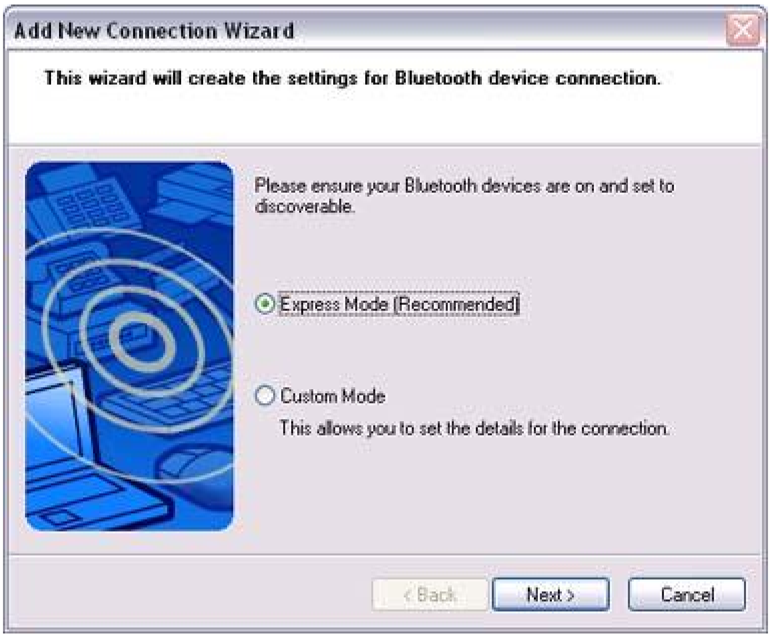


Note

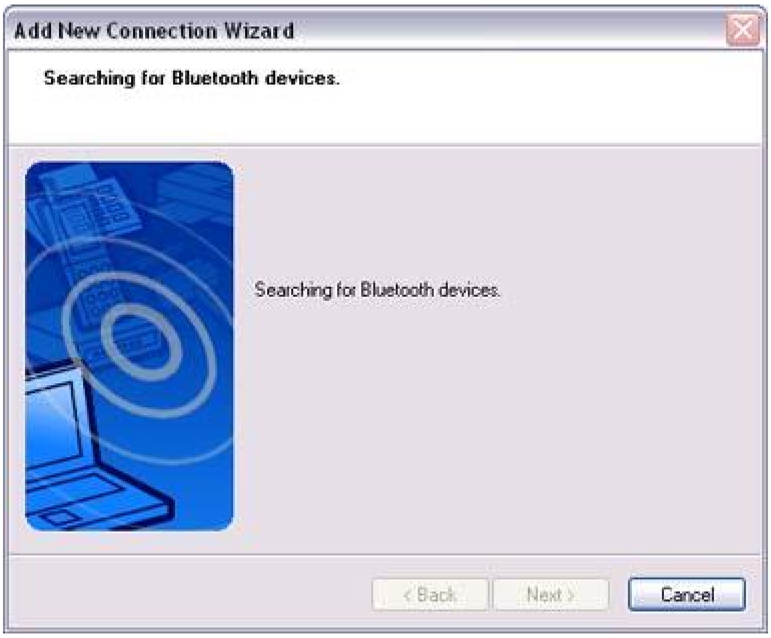
Alternatively, click [Start]->[All Programs]->[Bluetooth]->[Bluetooth Settings], and then click on [New Connection] from the active [Bluetooth Settings] window.

The [Add New Connection Wizard (Welcome to the Add New Connection Wizard)] window will appear.

2. **Confirm that [Express Mode] has been selected, and then click on the [Next] button**

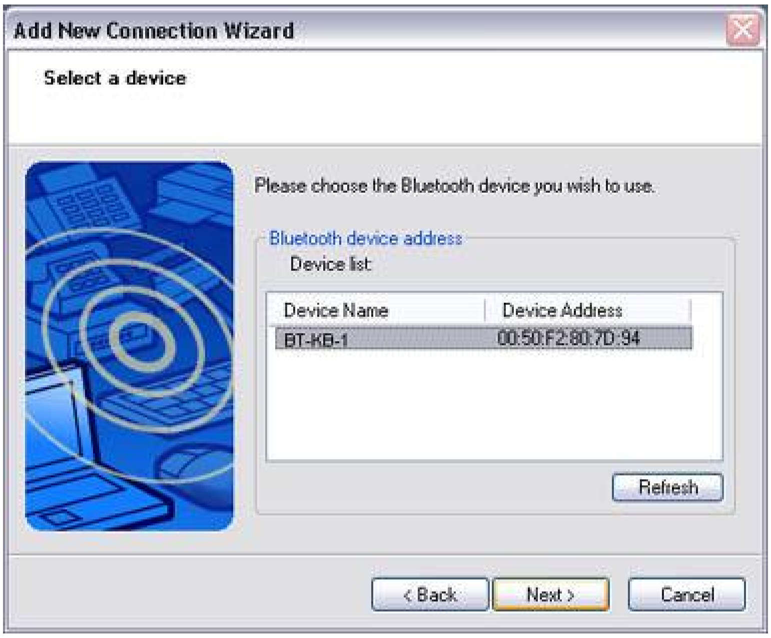

Add New Connection Wizard
This wizard will create the settings for Bluetooth device connection.
Please ensure your Bluetooth devices are on and set to discoverable.
● Express Mode (Recommended)
○ Custom Mode
This allows you to set the details for the connection.
< Back
Next >
Cancel

The [Add New Connection Wizard (Searching for Bluetooth devices)] window will appear.


Add New Connection Wizard
Searching for Bluetooth devices.
Searching for Bluetooth devices.
< Back
Next >
Cancel

Once the program has finished searching for the devices, the [Add New Connection Wizard (Device Selection)] window will appear.

3. **Select the device name of the keyboard from [Device List], and then click on the [Next] button**



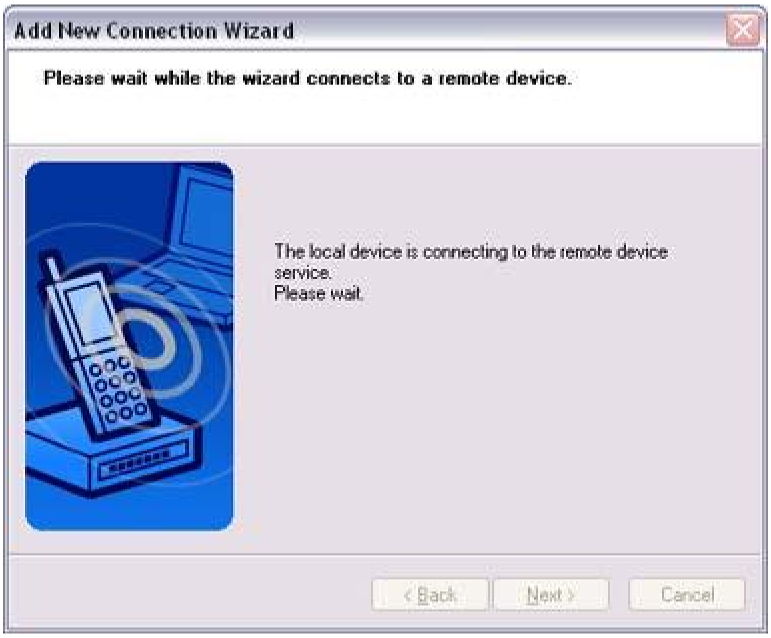
Please choose the Bluetooth device you wish to use.

Bluetooth device address

Device list:

Device Name	Device Address
BT-KB-1	00:50:F2:80:7D:94

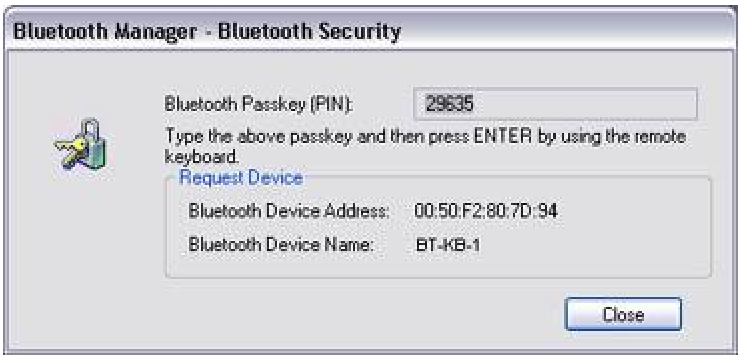
The [Add New Connection Wizard (Searching for Services)] window will appear.



Please wait while the wizard connects to a remote device.

The local device is connecting to the remote device service.
Please wait.

4. **Use the <u>wireless keyboard</u> to enter the numbers that appear in [Bluetooth Passkey (PIN Code)], and then hit the [Enter] key**



Bluetooth Manager - Bluetooth Security

Bluetooth Passkey (PIN): 29635

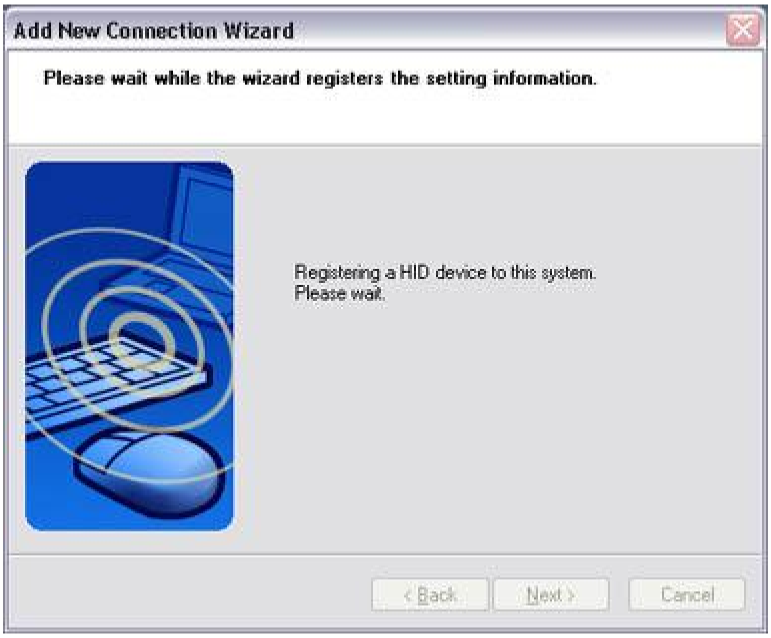
Type the above passkey and then press ENTER by using the remote keyboard.

Request Device

Bluetooth Device Address: 00:50:F2:80:7D:94

Bluetooth Device Name: BT-KB-1

Once the program has detected the services successfully, connection to the device and registration of settings information will be performed automatically.



Add New Connection Wizard

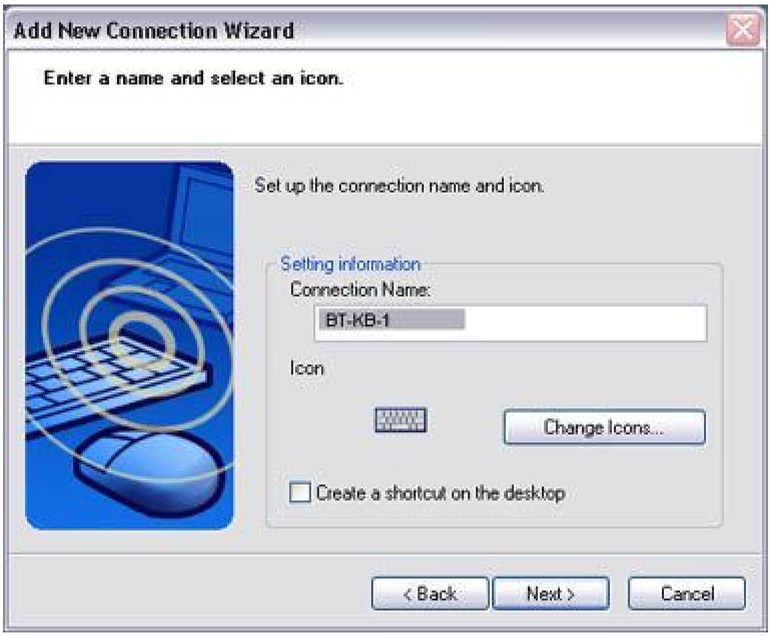
Please wait while the wizard registers the setting information.

Registering a HID device to this system.
Please wait.

The [Add New Connection Wizard (Connection Name Settings)] window will appear.

5. **Enter the type and name of the icon displayed after registration, and then click on the [Next] button**

Please click on the [Next] button if you are satisfied with the settings.


Add New Connection Wizard
Enter a name and select an icon.
Set up the connection name and icon.
Setting information
Icon
Change Icons...
☐ Create a shortcut on the desktop
< Back
Next >
Cancel

Connection Name: BT-KB-1

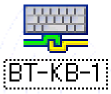
Note

You can change the connection icon and icon name.
"Changing a connection icon name"
"Changing a connection icon"

The [Add New Connection Wizard (Completing the Add New Connection Wizard)] window will appear.

6. **Click on the [Finish] button**

The settings information will be registered, and an icon will appear in the [Bluetooth Settings] window.

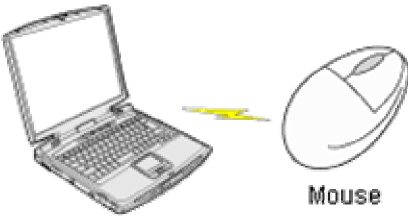


Note

Pressing any key on the wireless keyboard will automatically connect it to the PC thereafter.
Please connect manually if automatic connection is unsuccessful.

Using a wireless mouse
[HID]

This section describes how to connect a Bluetooth-compatible mouse to a PC.

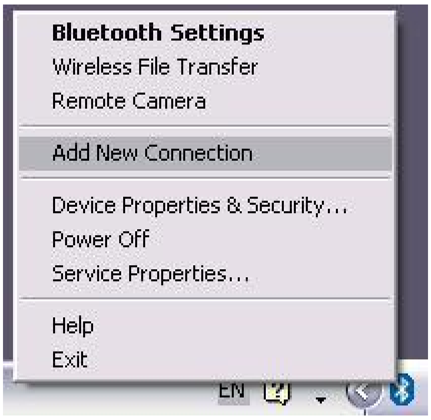


Setting up the wireless mouse

Procedure

1. **Turn on the wireless mouse, and set it to be connectable via Bluetooth**
   Please refer to the instruction manual for details on how to operate the mouse.

2. **Right-click on the Bluetooth icon in the task tray, and then click on [Add New Connection]**

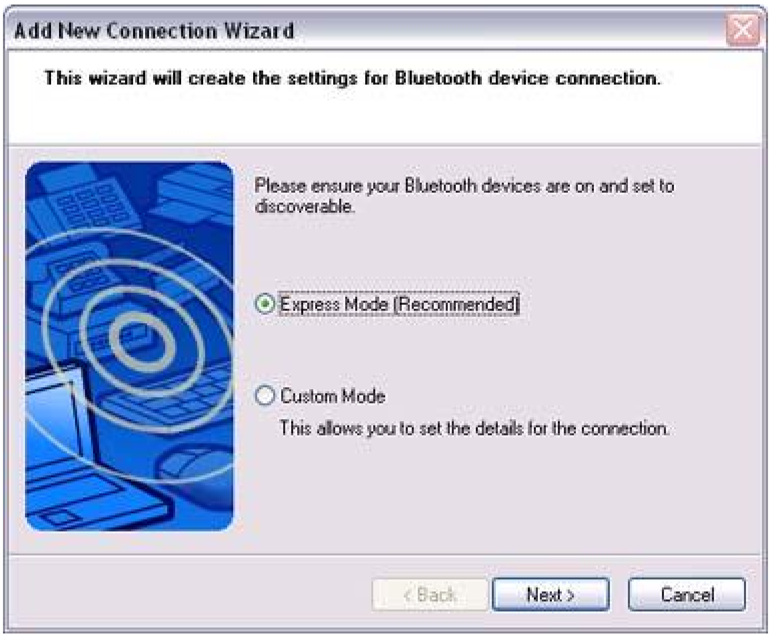


Note

Alternatively, click [Start]->[All Programs]->[Bluetooth]->[Bluetooth Settings], and then click on [New Connection] from the active [Bluetooth Settings] window.

The [Add New Connection Wizard (Welcome to the Add New Connection Wizard)] window will appear.

3. **Confirm that [Express Mode] has been selected, and then click on the [Next] button**



This wizard will create the settings for Bluetooth device connection.

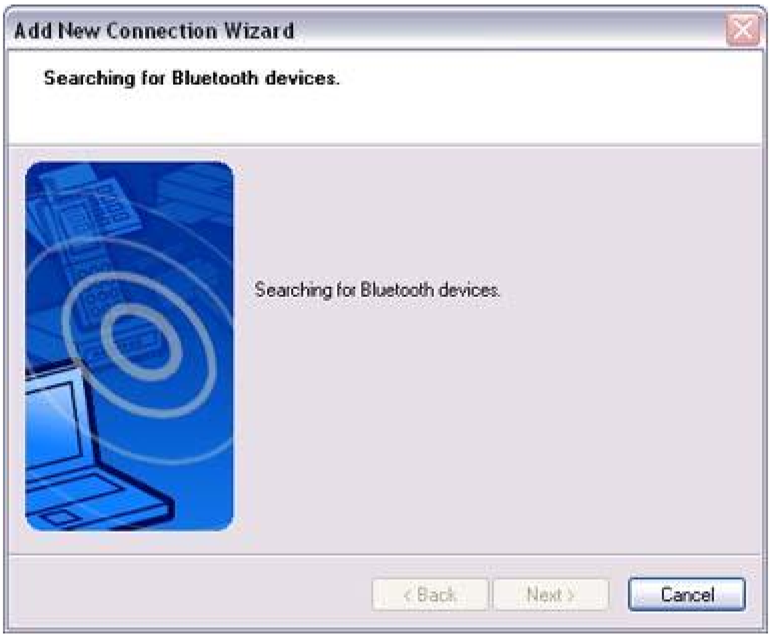
Please ensure your Bluetooth devices are on and set to discoverable.

● Express Mode (Recommended)

○ Custom Mode

This allows you to set the details for the connection.

The [Add New Connection Wizard (Searching for Bluetooth devices)] window will appear.

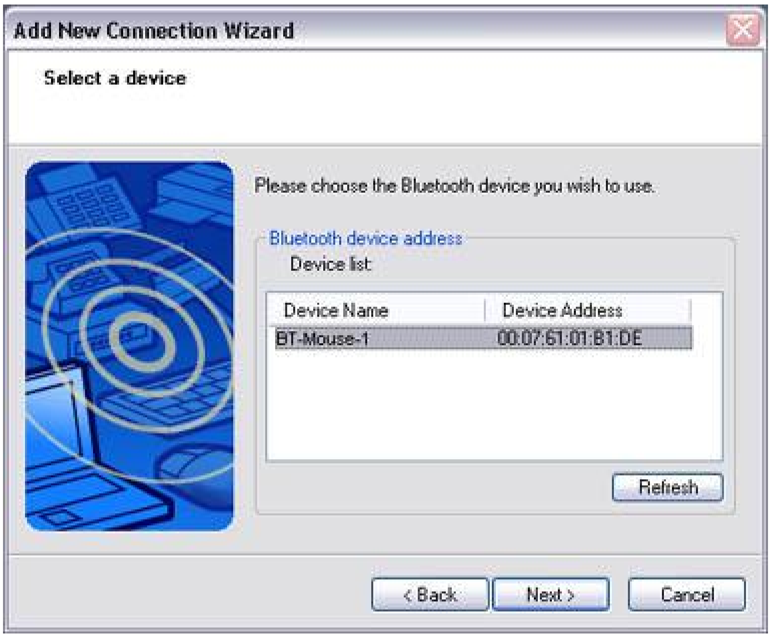


Searching for Bluetooth devices.

Searching for Bluetooth devices.

Once the program has finished searching for the devices, the [Add New Connection Wizard (Device Selection)] window will appear.

4. **Select the device name of the mouse from [Device List], and then click on the [Next] button**


Add New Connection Wizard

Select a device

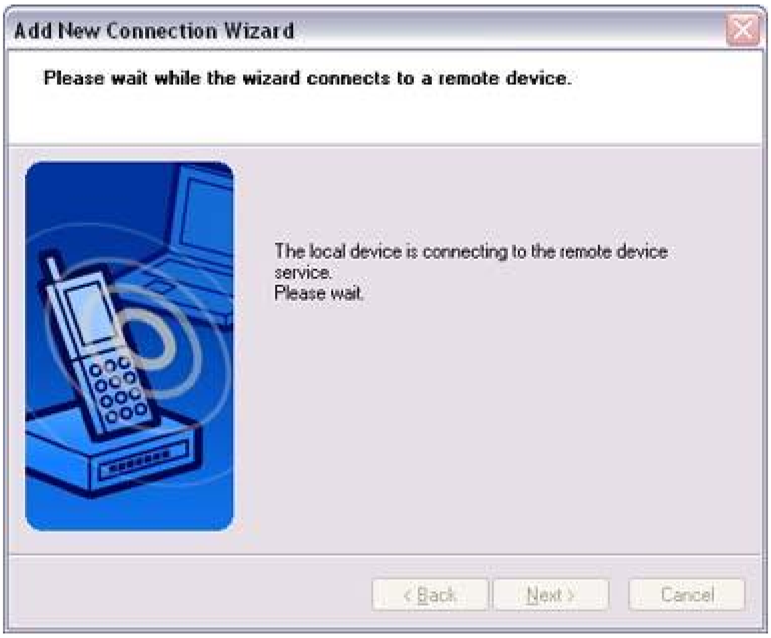
Please choose the Bluetooth device you wish to use.

Bluetooth device address

Device list:

Device Name	Device Address
BT-Mouse-1	00:07:61:01:B1:DE

The [Add New Connection Wizard (Searching for Services)] window will appear.

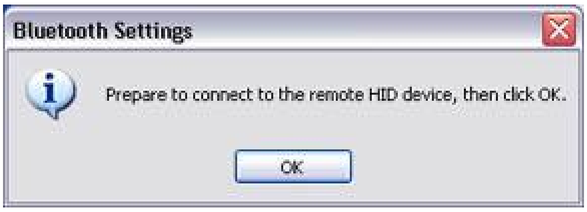

Add New Connection Wizard

Please wait while the wizard connects to a remote device.

The local device is connecting to the remote device service.
Please wait.

A message confirming a device connection will appear.

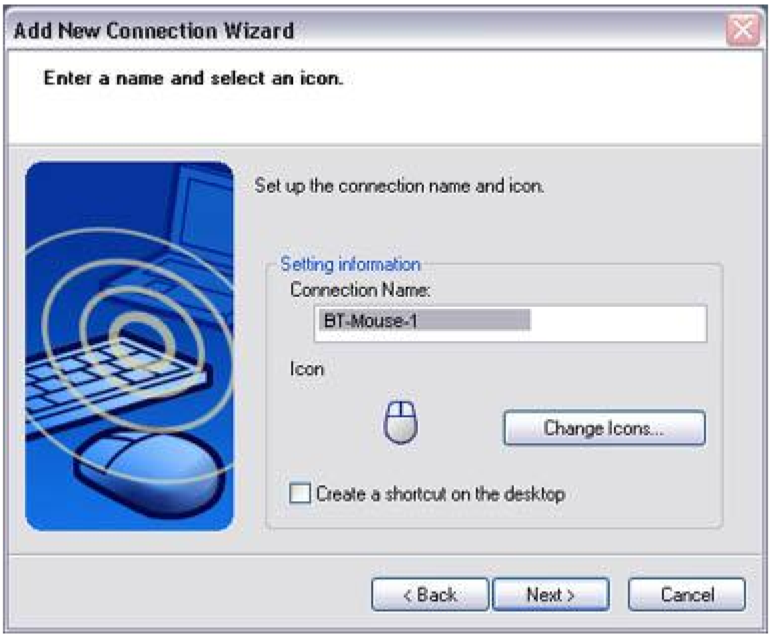
5. **Click on the [OK] button**



Prepare to connect to the remote HID device, then click OK.

The [Add New Connection Wizard (Connection Name Settings)] window will appear.

6. **Enter the type and name of the icon displayed after registration, and then click on the [Next] button**
Please click on the [Next] button if you are satisfied with the settings.



Set up the connection name and icon.

Connection Name: BT-Mouse-1

☐ Create a shortcut on the desktop

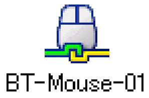
Note

Please use this window to change the connection name and icon.
- Changing the connection icon name
- Changing the connection icon

The [Add New Connection Wizard (Completing the Add New Connection Wizard)] window will appear.

7. **Click on the [Finish] button**

The settings information will be have been registered, and an icon will appear in the [Bluetooth Settings] window.

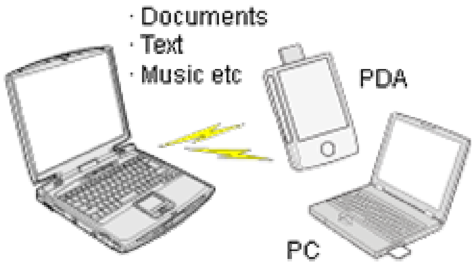


Note

Clicking on one of the mouse buttons or otherwise operating it will automatically connect it to the PC thereafter. Please connect manually if automatic connection is unsuccessful.

Exchanging files with a PC or PDA [FTP]

You can send and receive files other than business card data with a Bluetooth-enabled PC or PDA.
Use "File transfer" in the Bluetooth Information Exchanger to exchange files.



Note

The same operations will be valid as long as the PC and PDA support the FTP profile.

"File transfer" cannot be used to send or receive business card data. Please instead use "Object Push" to perform these activities.

Sending files to a PC or PDA (using icons)
Sending files to a PC or PDA (by right-clicking the mouse)
Receiving files from a PC or PDA

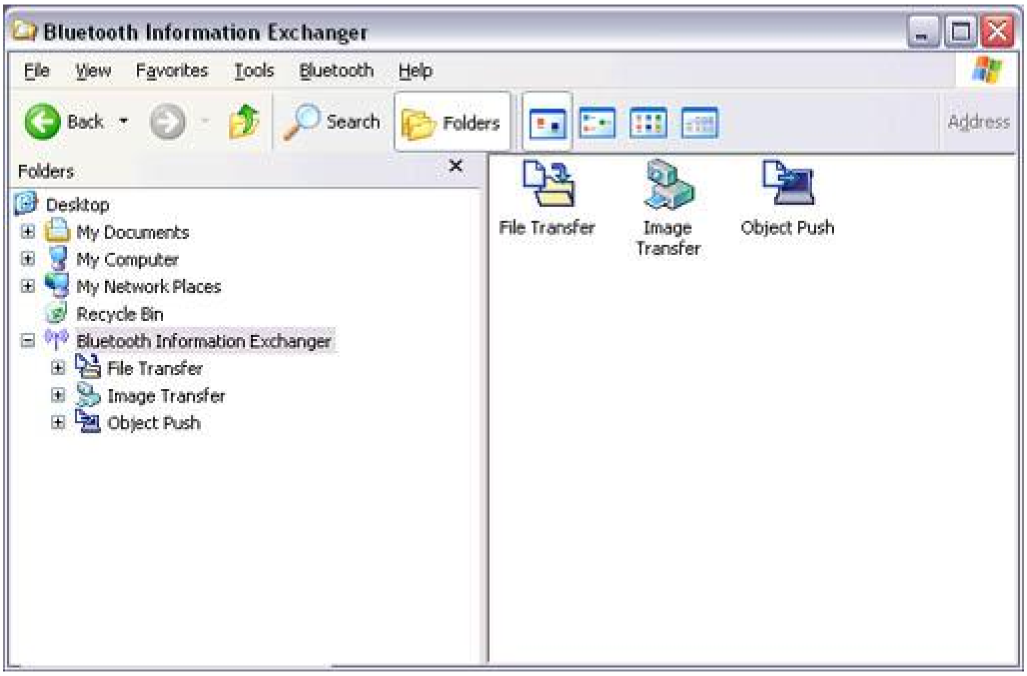
Procedure

Sending files to a PC or PDA (using icons)

1. **Turn on the PC or PDA**
2. **Double-click on the Bluetooth Information Exchanger icon on the Desktop**

Note

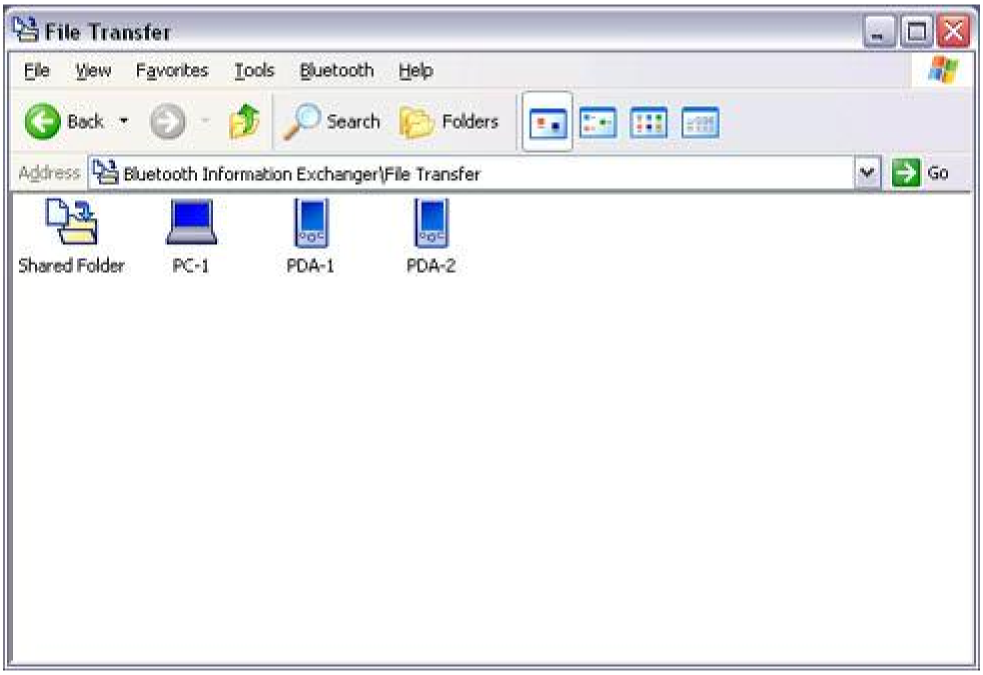
Alternatively, opening Explorer and clicking on the Bluetooth Information Exchanger folder will produce the same result.



The [Bluetooth Information Exchanger] window will appear.

3. **Double-click on the [File transfer] icon**

A list of devices will appear in the [File transfer] window.

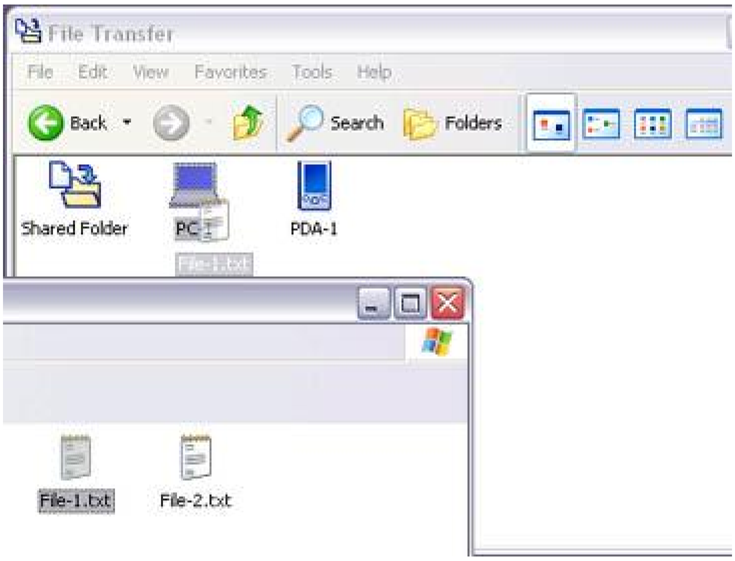


Note

If the desired device does not appear in the list, please confirm that the device has been turned on, and then select [Bluetooth]->[Search Devices].
A device search will be performed.

You can also use "Image transfer" when sending individual image files.

4. **Use the mouse to drag and drop the file you wish to send over the destination icon**
In this case, the file will be sent to a PC named "PC-1".



Note

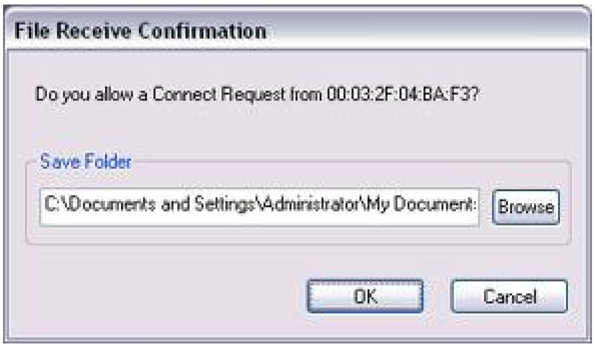
When using "File transfer", you can send individual files as well as entire folders.

5. **Confirm that the file is being sent**

The file will be sent to the PC.

Note

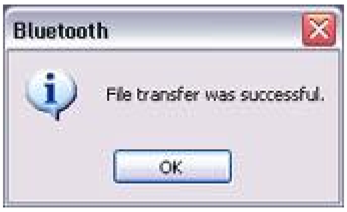
When sending files using "File transfer", a message requesting permission to receive the files may appear on the destination (receiving) device. The content of the message will vary with the Bluetooth software installed on the destination device, so please be sure to follow the instructions provided.
If you are using the Bluetooth Utility, a message similar to the one below will appear.



Do you allow a Connect Request from 00:03:2F:04:BA:F3?

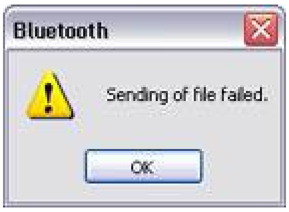
Save Folder: C:\Documents and Settings\Administrator\My Document:

If the file has been sent successfully, the message below will appear. Please click on the [OK] button.



File transfer was successful.

The message below will appear if the file transmission was unsuccessful. Please click on the [OK] button to close the message, and repeat the procedure.

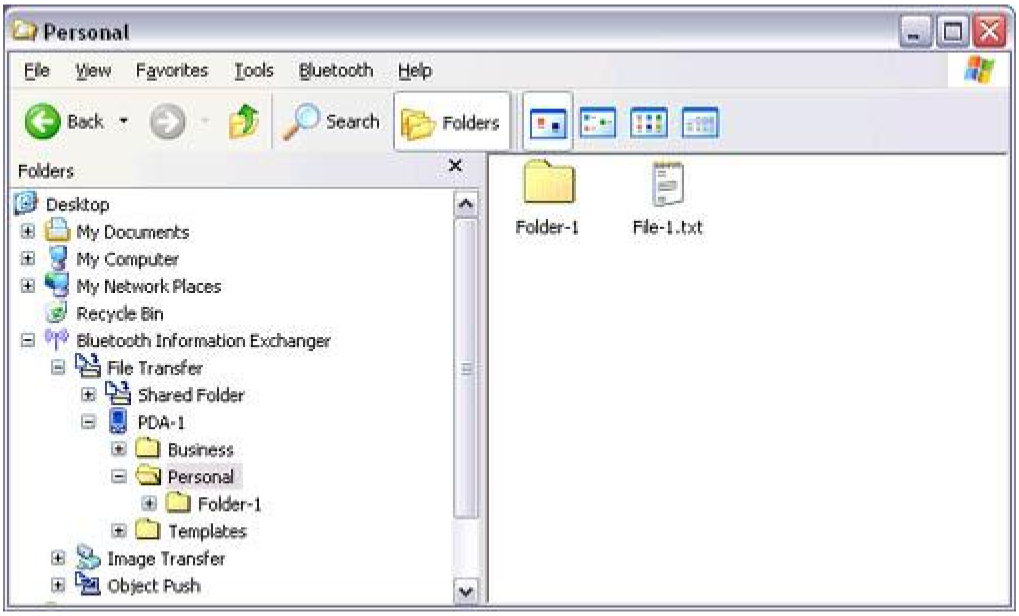


Sending of file failed.

Note

Files that have been sent will be saved in a file transfer shared folder on the destination device.

Additionally, with "File transfer", you can open the shared folder on the destination device using Explorer, specify a subfolder, and then send the file there.

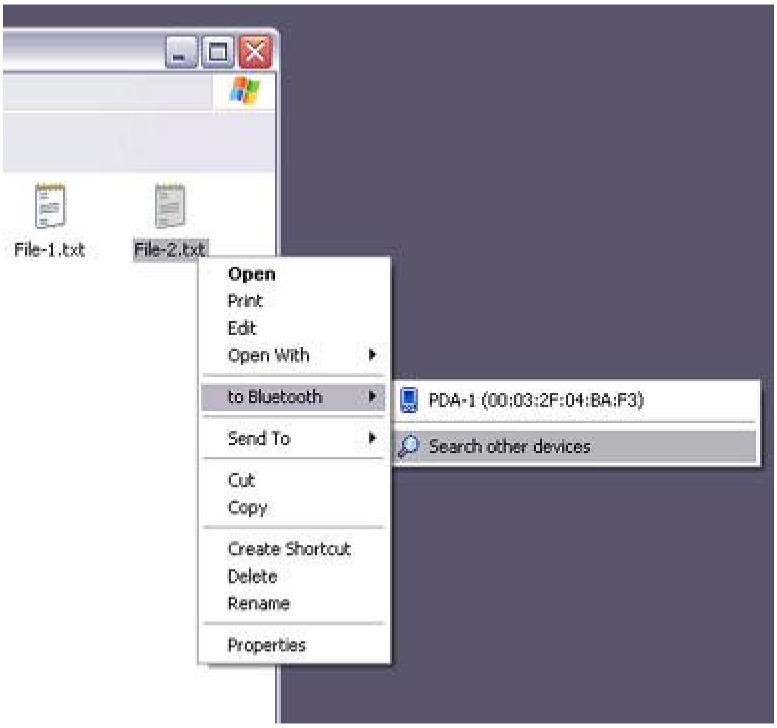


You can use Properties in the Bluetooth Information Exchanger to change the location of the "Shared folder" on the hard drive.

Sending files to a PC or PDA (by right-clicking the mouse)

1. **Turn on the PC or PDA**
   Confirm that a Bluetooth connection has been enabled before proceeding.

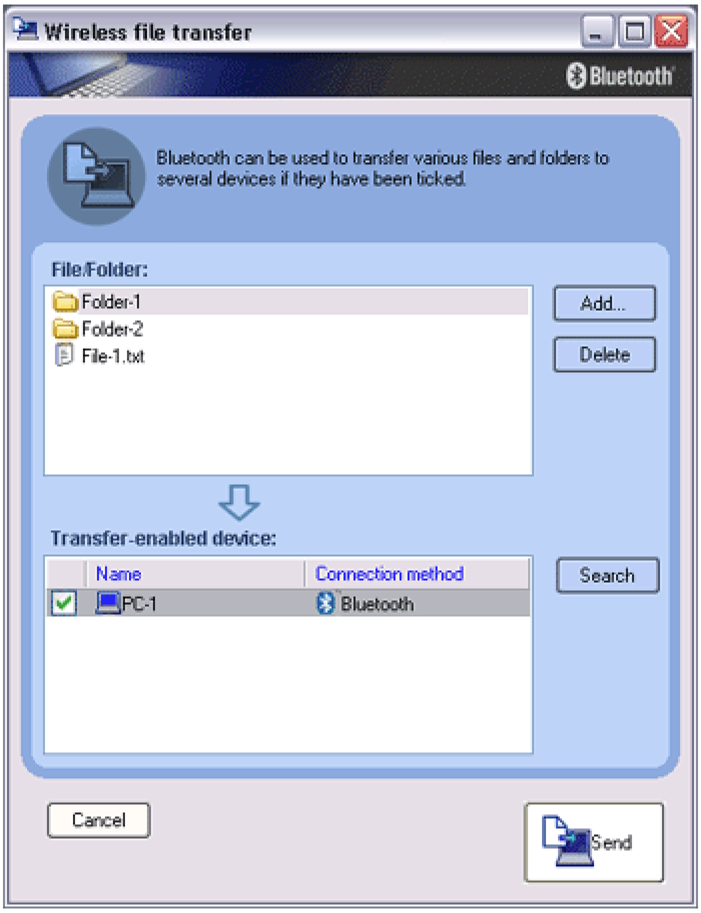
2. **Right-click on the file you wish to send, and then select its destination from [to Bluetooth]**



Note

If the desired device does not appear in the list, please confirm that the device has been turned on, and then select [to Bluetooth]->[Search other devices].

Once the devices have been detected, the message below will appear. Please select the destination device, and then click on the [Send] button.



Bluetooth can be used to transfer various files and folders to several devices if they have been ticked.

File/Folder:

- Folder-1
- Folder-2
- File-1.txt

Transfer-enabled device:

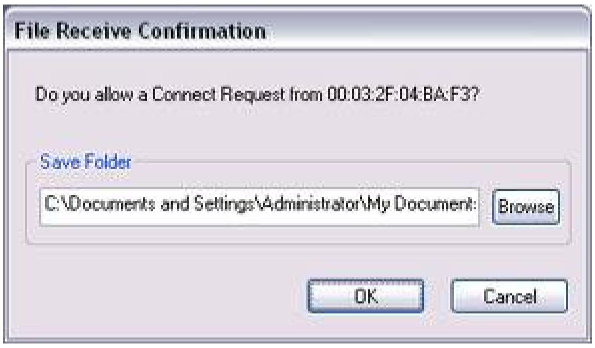
	Name	Connection method
☑	PC-1	Bluetooth

3. **Confirm that the file is being sent**

The file will be sent to the PC.

Note

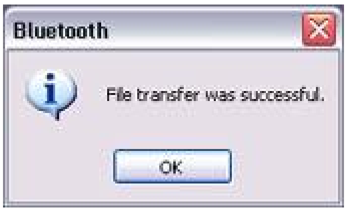
When sending files using "File transfer", a message requesting permission to receive the files may appear on the destination (receiving) device. The content of the message will vary with the Bluetooth software installed on the destination device, so please be sure to follow the instructions provided.
If you are using the Bluetooth Utility, a message similar to the one below will appear.



Do you allow a Connect Request from 00:03:2F:04:BA:F3?

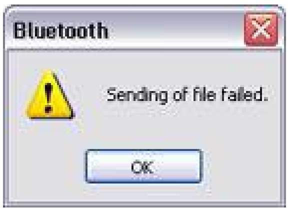
Save Folder: C:\Documents and Settings\Administrator\My Document:

If the file has been sent successfully, the message below will appear.
Please click on the [OK] button.


Bluetooth

File transfer was successful.

The message below will appear if the file transmission was unsuccessful. Please click on the [OK] button to close the message, and then repeat the procedure.


Bluetooth

Sending of file failed.

Note

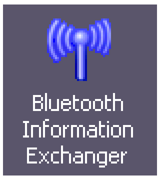
Files that have been sent will be saved in a file transfer shared folder on the destination device.

Receiving files from a PC or PDA

Your PC is able to receive files that have been saved in the shared folder on the destination PC or PDA. Received files will be saved in the shared folder under "File transfer".

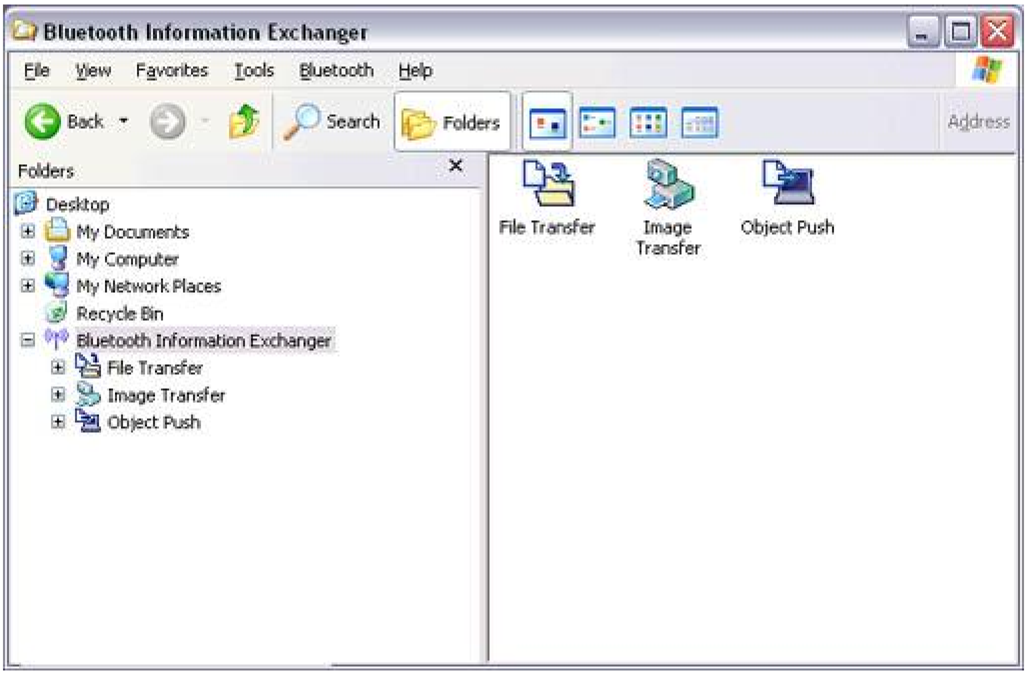
1. **Turn on the PC or PDA**
   Confirm that a Bluetooth connection has been enabled before proceeding.

2. **Double-click on the Bluetooth Information Exchanger icon on the Desktop**



Note

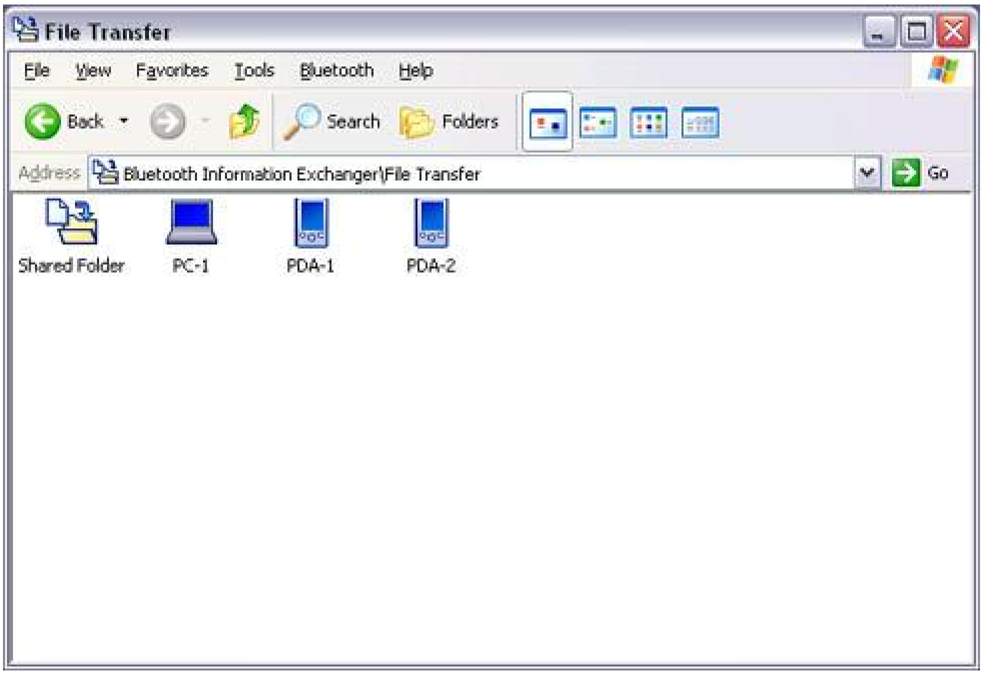
Alternatively, opening Explorer and clicking on the Bluetooth Information Exchanger folder will produce the same result.



The [Bluetooth Information Exchanger] window will appear.

3. **Double-click on the [File transfer] icon**

A list of devices will appear in the [File transfer] window.



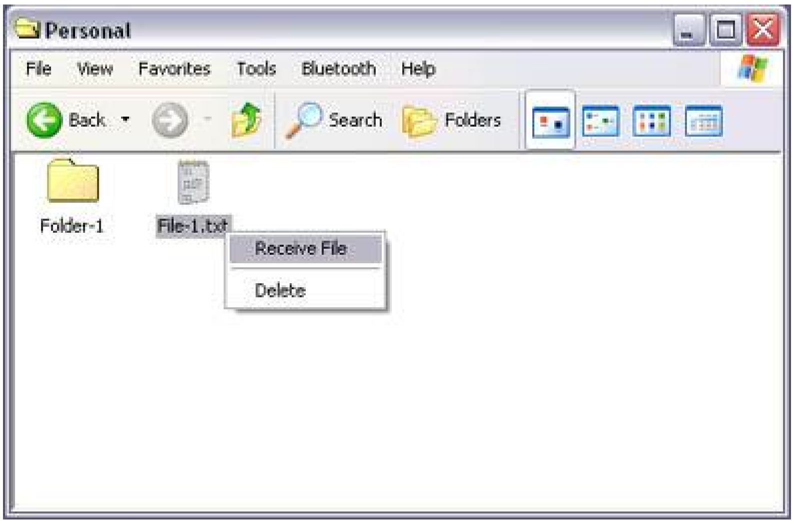
Address: Bluetooth Information Exchanger\File Transfer

In this case, the file will be received from the PDA named "My Mobile".

4. **Double-click on the [PDA-1] icon**

The file saved in the shared folder in "My Mobile" will appear.

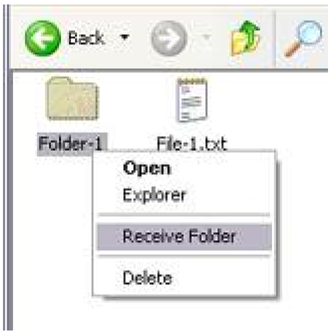
5. **Right-click on the file you wish to receive, and then select "Receive file".**



The file will be received from a PDA.

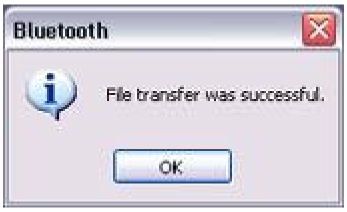
Note

With "File transfer", you can send individual files as well as entire folders.
Please right-click on the folder you wish to receive, and select "Receive folder".



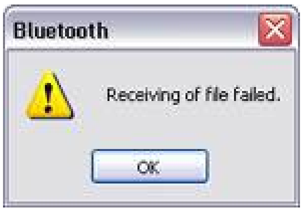
Subsequent operations should be performed in the same manner as when receiving individual files.

If the file has been received successfully, the message below will appear. Please click on the [OK] button.



File transfer was successful.

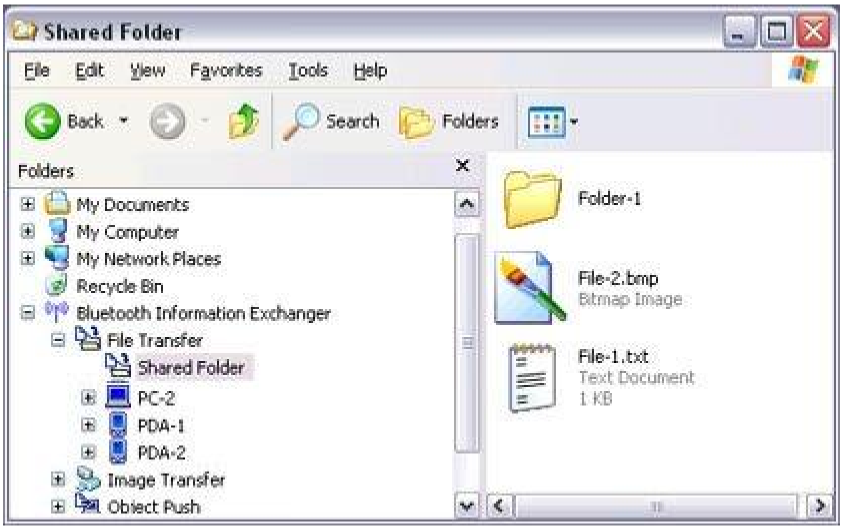
The message below will appear if the file transmission was unsuccessful. Please click on the [OK] button to close the message, and repeat the procedure.



Receiving of file failed.

Note

The received file will be saved in the "Shared folder" under "File transfer" in the Bluetooth Information Exchanger

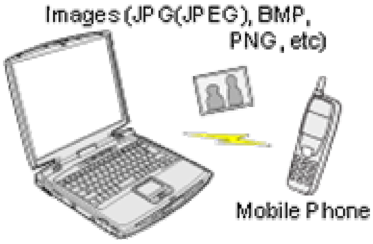


You can use Properties under the Bluetooth Information Exchanger to specify the location of the "Shared folder" on the hard drive.

Sending images to a mobile telephone [BIP]

You can send image data to a Bluetooth-compatible mobile telephone.
Large images will be automatically reduced to fit on the telephone display screen.

Images are sent using "Image transfer" under Bluetooth Information Exchanger.



Note

The mobile telephone must support the BIP profile.

The following image file formats can be sent and received using "Image transfer":

- Bitmap (*.bmp)
- JPEG (*.jpg, *.jpeg)
- PNG (*.png)

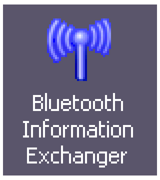
Sending images to a mobile telephone (using icons)
Sending images to a mobile telephone (by right-clicking the mouse)

Procedure

¦Sending images to a mobile telephone (using icons)

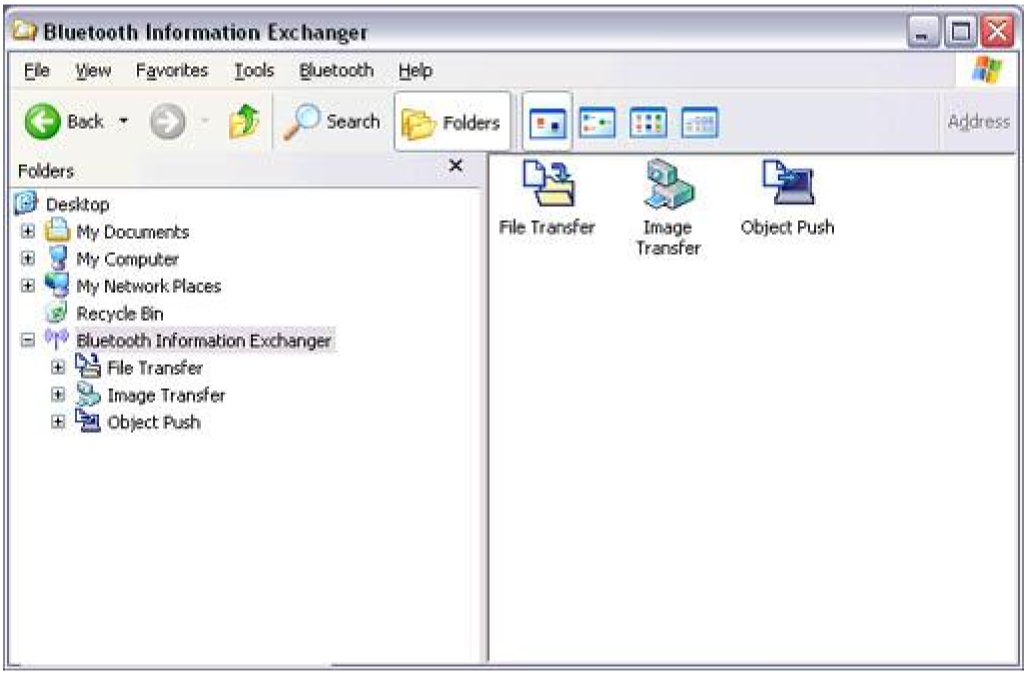
1. **Turn on the PC or PDA**
   Confirm that a Bluetooth connection has been enabled before proceeding.

2. **Double-click on the Bluetooth Information Exchanger icon on the Desktop**



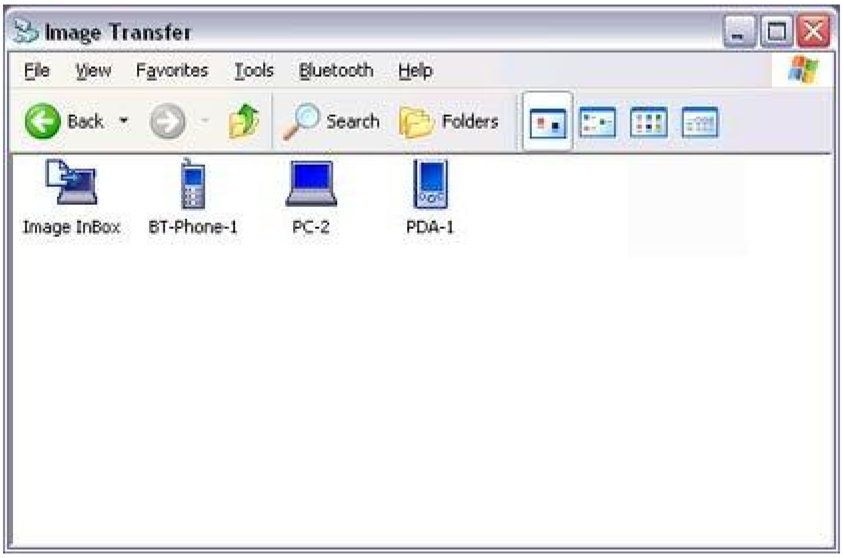
Note

Alternatively, opening Explorer and clicking on the Bluetooth Information Exchanger folder will produce the same result.



The [Bluetooth Information Exchanger] window will appear.

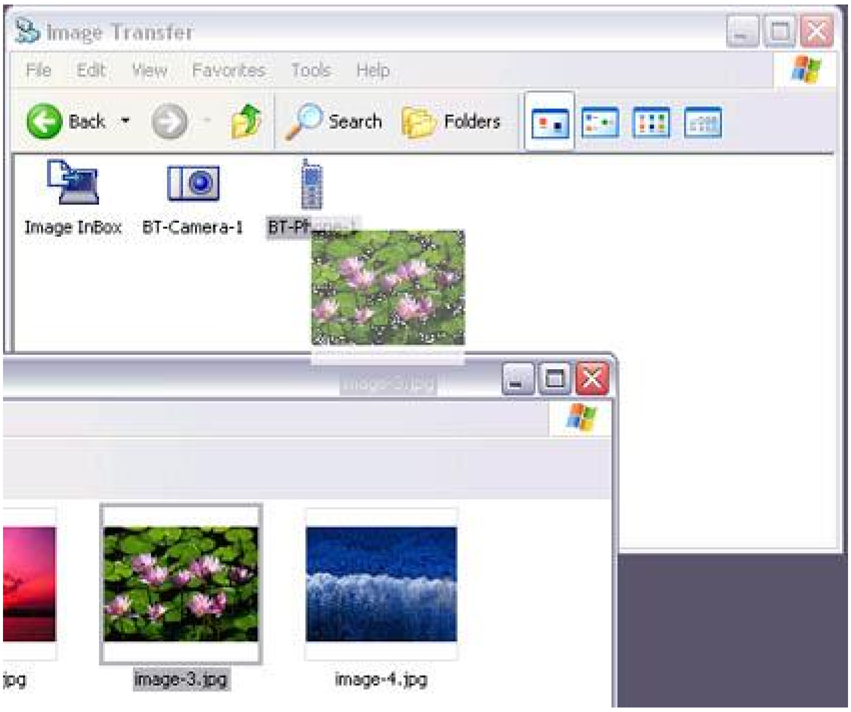
3. **Double-click on the [Image transfer] icon**
A list of devices will appear in the [Image transfer] window.



Note

If the desired device does not appear in the list, please confirm that the device has been turned on, and then select [Bluetooth]->[Search Devices].
A device search will be performed.

4. **Drag and drop the file you wish to send over the destination icon**
In this case, the image will be sent to a mobile telephone named "BT-Phone-1".



The image will be sent.
If the image has been sent successfully, the message below will appear.
Please click on the [OK] button.

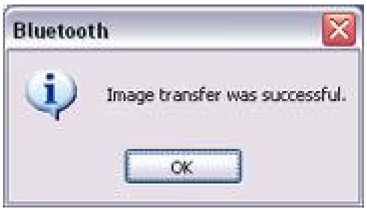
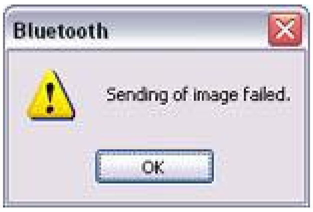


Image transfer was successful.

The message below will appear if the image transmission was unsuccessful.
Please click on the [OK] button to close the message, and repeat the procedure.

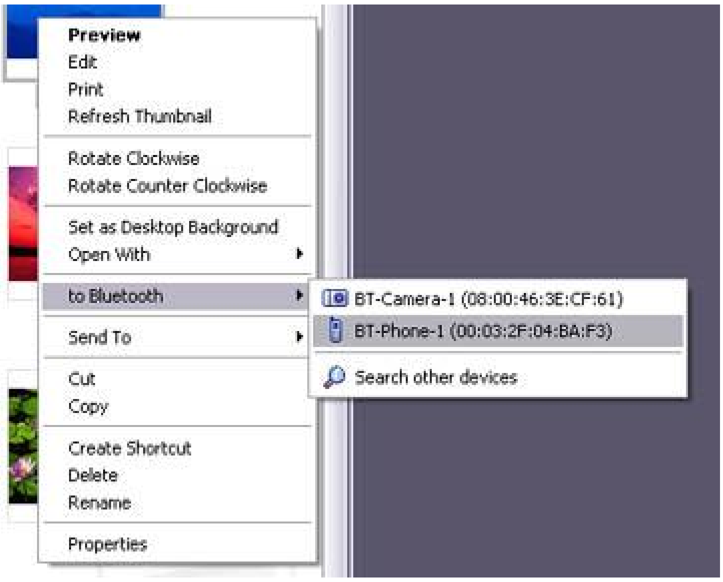


Sending of image failed.

Sending images to a mobile telephone (by right-clicking the mouse)

1. **Turn on the mobile telephone**
   Confirm that a Bluetooth connection has been enabled before proceeding.

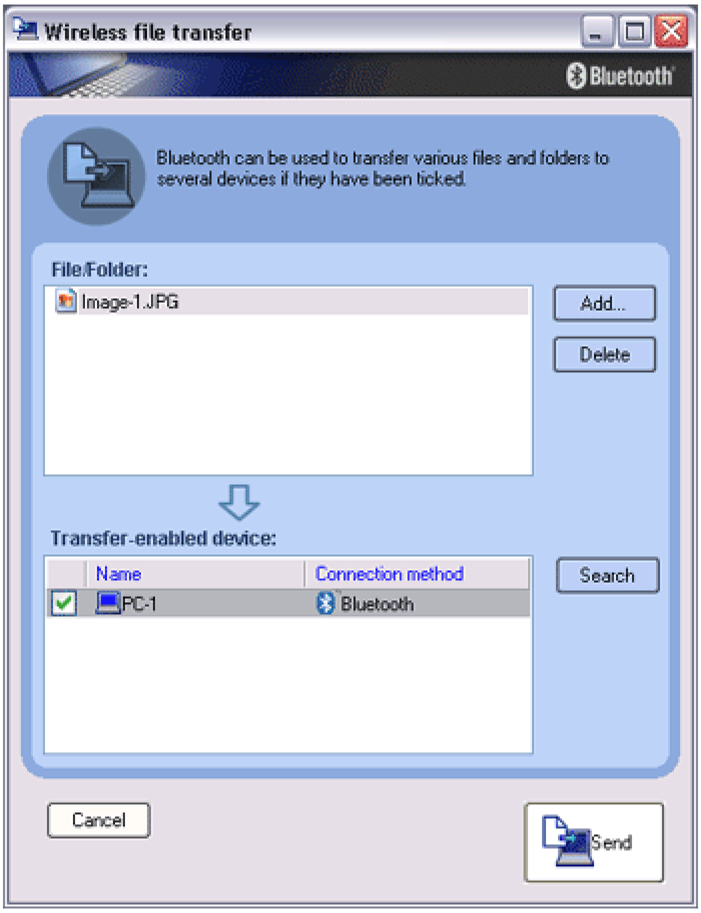
2. **Right-click on the file you wish to send, and then click on its destination from [to Bluetooth]**



Note

If the desired device does not appear in the list, please confirm that the device has been turned on, and then select [to Bluetooth]->[Search other devices].

Once the devices have been detected, the message below will appear. Please select the destination device, and then click on the [Send] button.



Bluetooth can be used to transfer various files and folders to several devices if they have been ticked.

File/Folder: Image-1.JPG

Transfer-enabled device:

	Name	Connection method
☑	PC-1	Bluetooth

The image will be sent.
If the image has been sent successfully, the message below will appear.
Please click on the [OK] button.

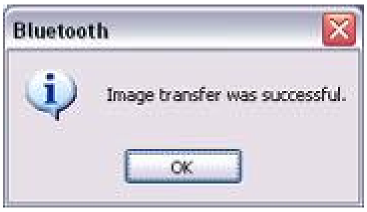
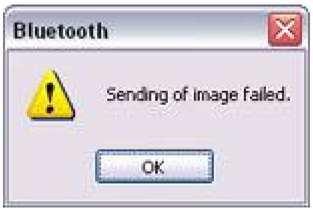


Image transfer was successful.

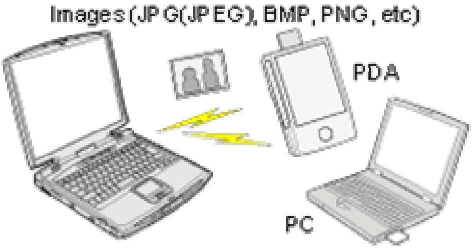
The message below will appear if the image transmission was unsuccessful. Please click on the [OK] button to close the message, and repeat the procedure.



Sending of image failed.

Sending images to a PC or PDA [BIP]

You can send image data to a Bluetooth-enabled PC or PDA.
Images are sent using "Image transfer" under Bluetooth Information Exchanger.



Note

The following image file formats can be sent and received using "Image transfer":

- Bitmap (*.bmp)
- JPEG (*.jpg, *.jpeg)
- PNG (*.png)

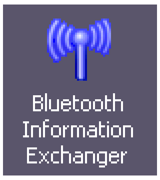
Sending images to a PC or PDA (using icons)
Sending images to a PC or PDA (by right-clicking the mouse)

Procedure

Sending images to a PC or PDA (using icons)

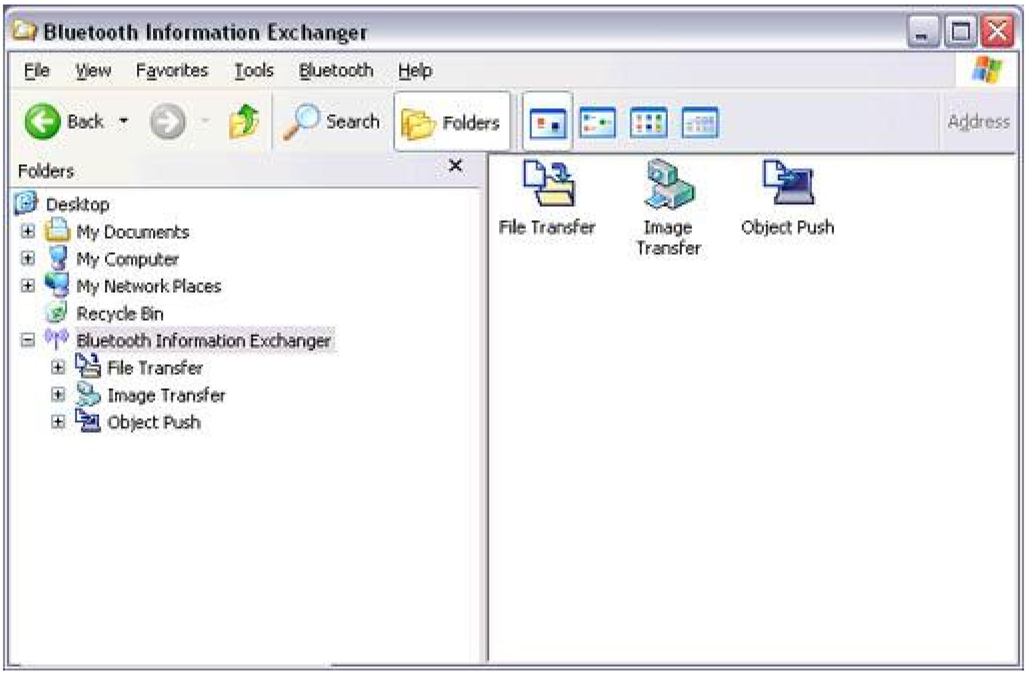
1. **Turn on the PC or PDA**
   Confirm that a Bluetooth connection has been enabled before proceeding.

2. **Double-click on the Bluetooth Information Exchanger icon on the Desktop**



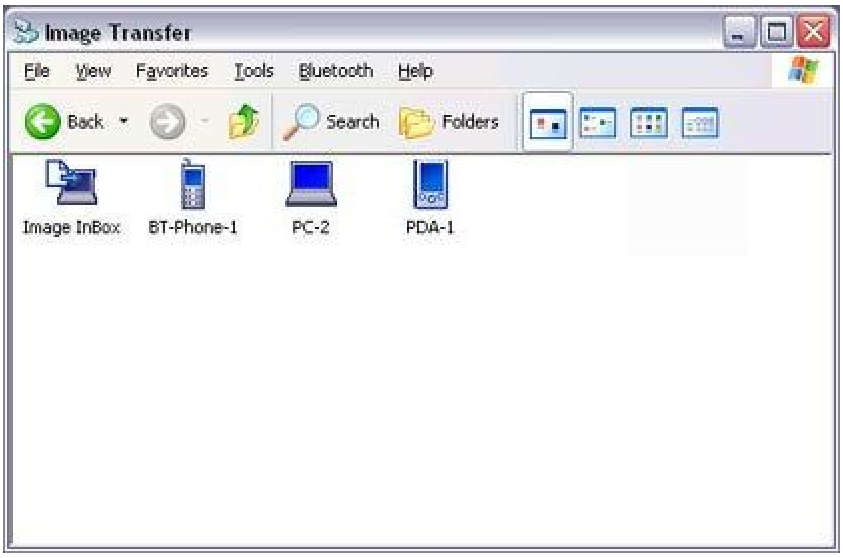
Note

Opening Explorer and clicking on the Bluetooth Information Exchanger folder will produce the same result.



The [Bluetooth Information Exchanger] window will appear.

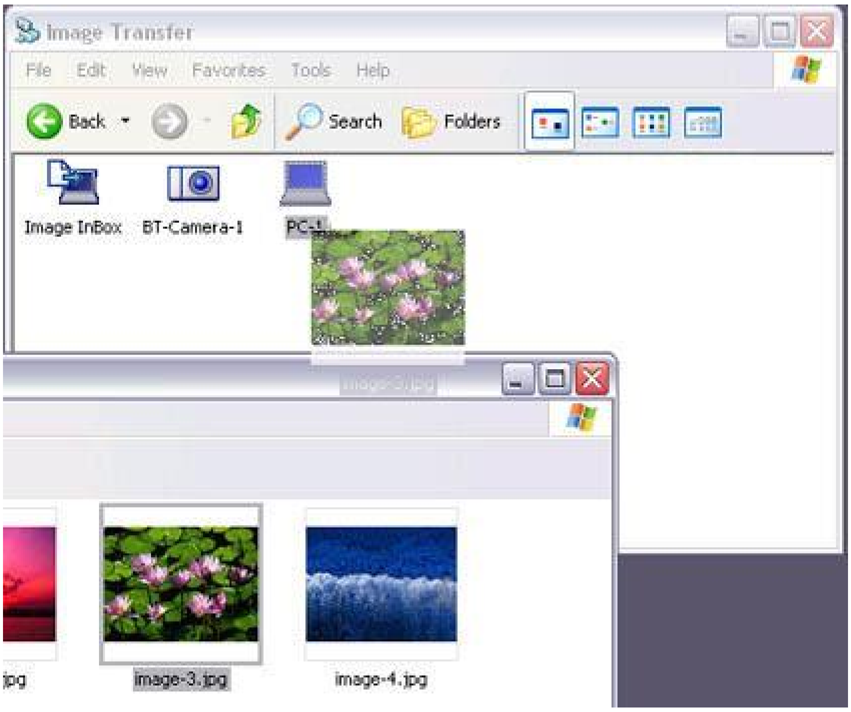
3. **Double-click on the [Image transfer] icon**
   A list of devices will appear in the [Image transfer] window.



Note

If the desired device does not appear in the list, please confirm that the device has been turned on, and then select [Bluetooth]->[Search Devices].
A device search will be performed.

4. **Drag and drop the file you wish to send over the destination icon**
   In this case, the image will be sent to a PC named "PC-1".



The image will be sent.
If the image has been sent successfully, the message below will appear.
Please click on the [OK] button.

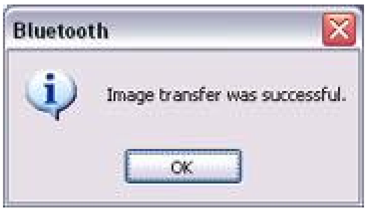
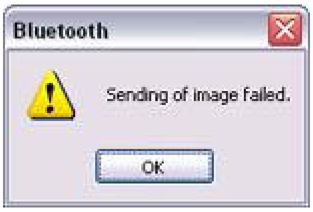


Image transfer was successful.

The message below will appear if the image transmission was unsuccessful.
Please click on the [OK] button to close the message, and repeat the procedure.

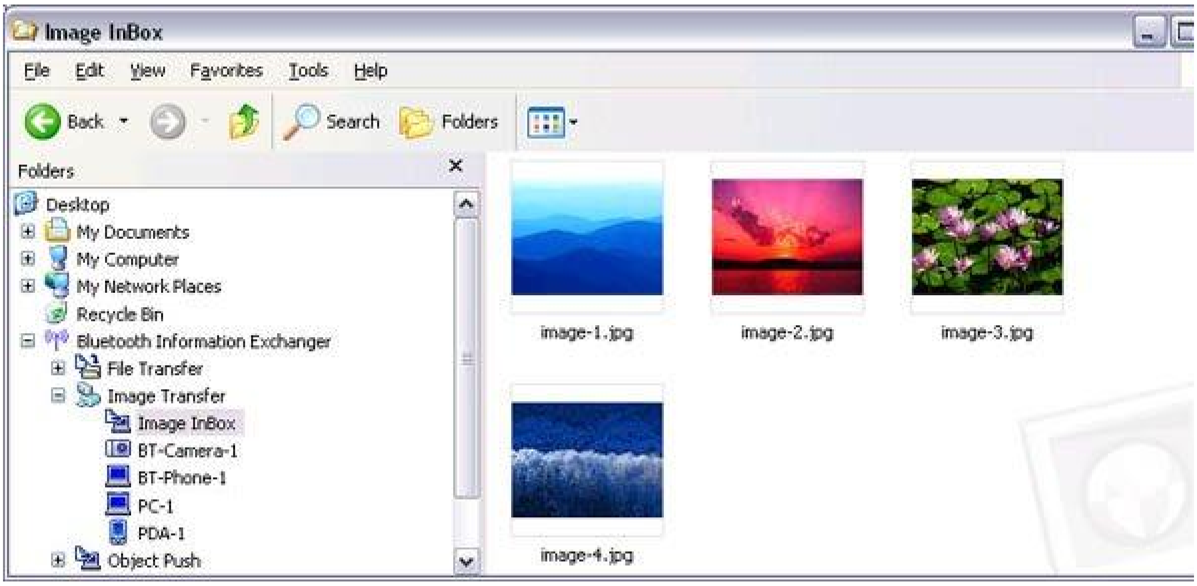


Sending of image failed.

Note

Images that have been sent will be saved in an image transfer folder on the destination device.

Images received using "Image transfer" in the Bluetooth Information Exchanger will be saved in the "Image Box" in "Image transfer".

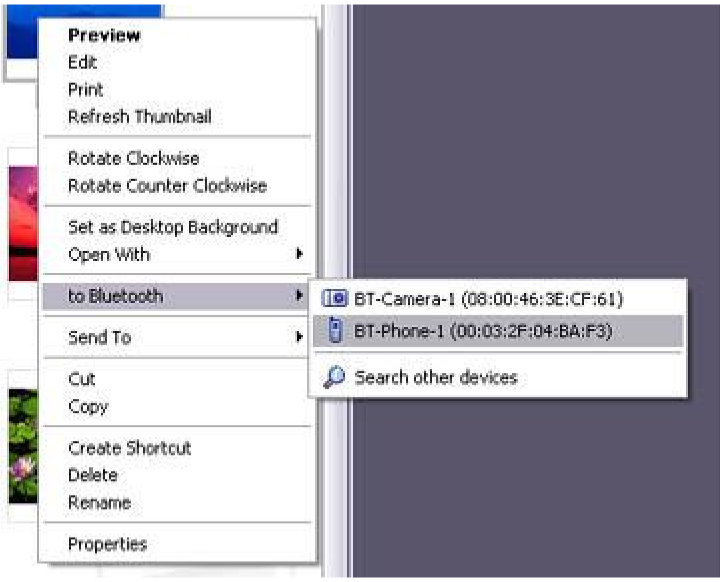


You can use Properties under the Bluetooth Information Exchanger to change the location of the "Image Box" folder on the hard drive.

Sending images to a PC or PDA (by right-clicking the mouse)

1. **Turn on the PC or PDA**
   Confirm that a Bluetooth connection has been enabled before proceeding

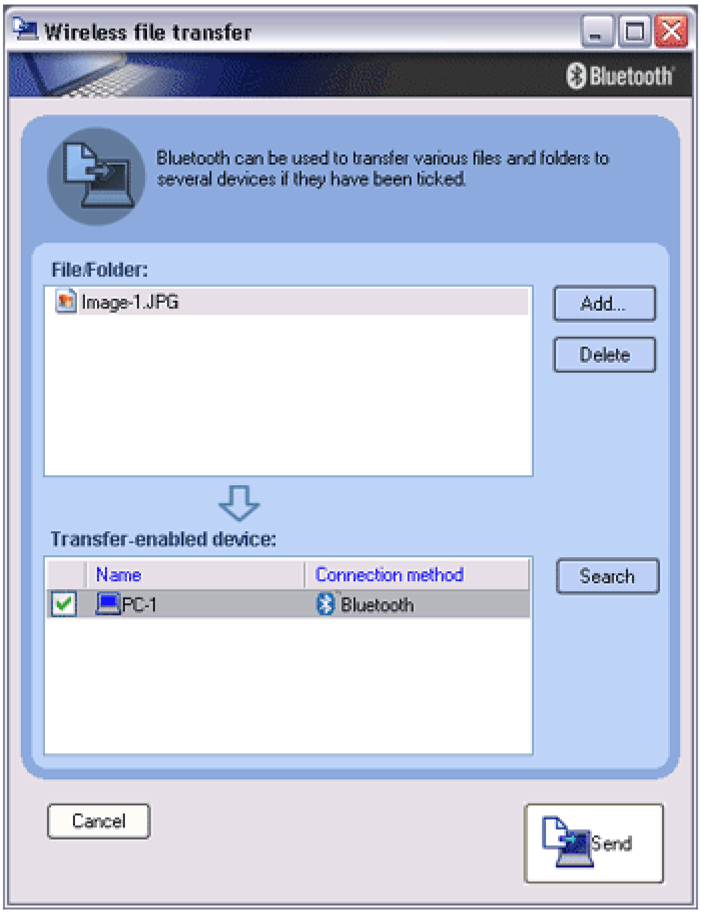
2. **Right-click on the file you wish to send, and then click on its destination from [to Bluetooth]**



Note

If the desired device does not appear in the list, please confirm that the device has been turned on, and then select [to Bluetooth]->[Search other devices].

Once the devices have been detected, the message below will appear. Please select the destination device, and then click on the [Send] button.



Bluetooth can be used to transfer various files and folders to several devices if they have been ticked.

File/Folder:

Image-1.JPG

Transfer-enabled device:

	Name	Connection method
☑	PC-1	Bluetooth

The image will be sent.
If the image has been sent successfully, the message below will appear.
Please click on the [OK] button.

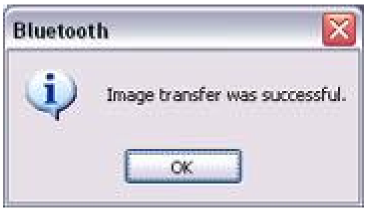
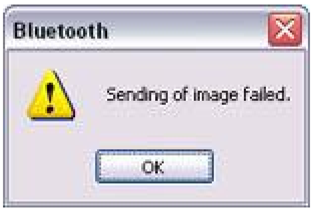


Image transfer was successful.

The message below will appear if the image transmission was unsuccessful. Please click on the [OK] button to close the message, and repeat the procedure.



Bluetooth

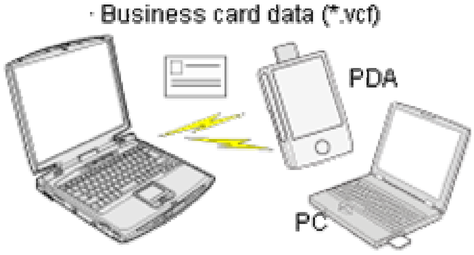
Sending of image failed.

Note

When you send images by right-clicking the mouse, the image data that has been sent will be saved in the image transfer shared folder on the destination device. This is also the case when you send images using icons.

Exchanging business card data with a PC or PDA [OPP]

You can exchange business card data with a Bluetooth-enabled PC or PDA. Business card data are exchanged using "Object Push" under Bluetooth Information Exchanger.



Note

- Data compliant with the "vCARD" standard are the only type of business card data able to be sent and received with "Object Push". Business card data can be used by applications such as Microsoft Outlook.
- Business card data can be created in vCARD format by Microsoft Outlook and other similar applications.
  "Creating business card data in the vCARD format"
- You can send business card data directly from Microsoft Outlook.
  "Sending business card data from Outlook"
- The OPP profile must be supported by the PC or PDA of the other party.

Selecting a business card and sending it to a PC or PDA (using icons)
Selecting a business card and sending it to a PC or PDA (by right-clicking the mouse)
Sending your personal business card

[Receiving a business card from another party]
[Exchanging business cards]

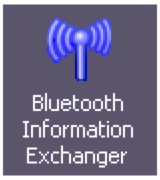
Procedure

Selecting a business card and sending it to a PC or PDA (using icons)

Select a business card you wish to send from among all the business card data you have already received through exchanges with your business or other contacts, and then send it to another party.

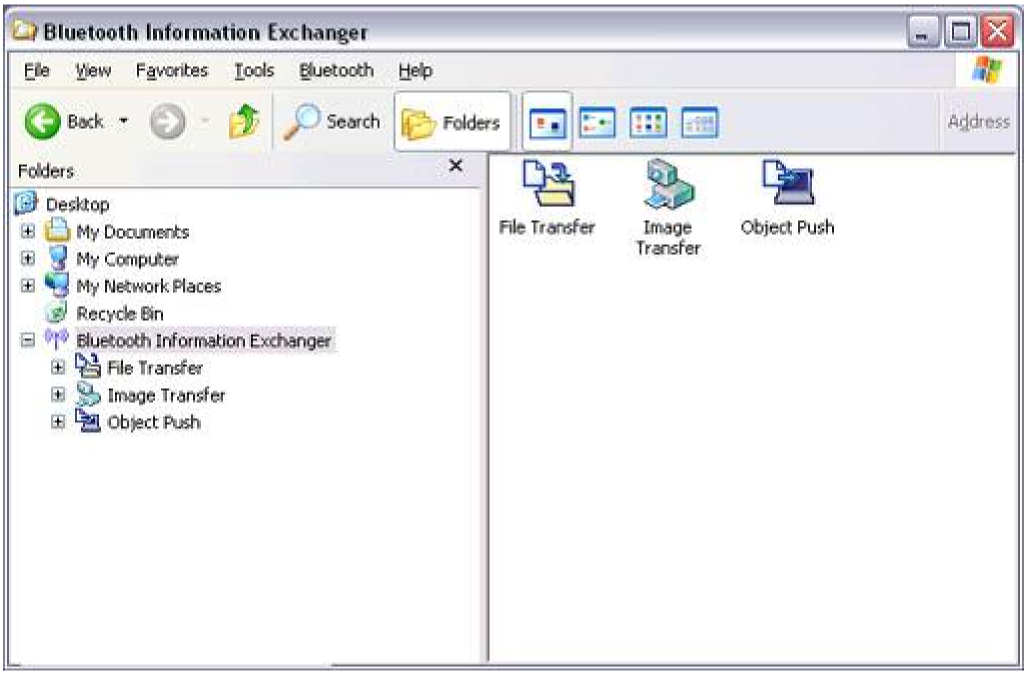
1. **Turn on the PC or PDA**
   Confirm that a Bluetooth connection has been enabled before proceeding.

2. **Double-click on the Bluetooth Information Exchanger icon on the Desktop**



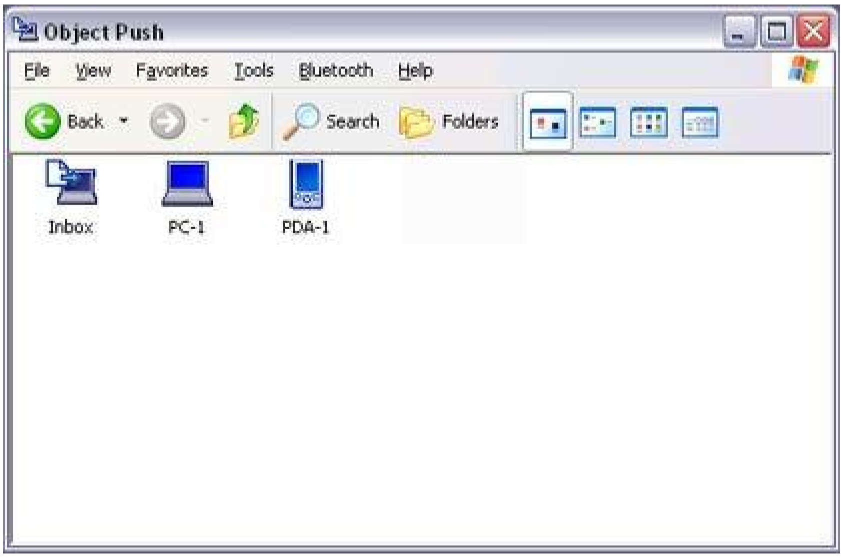
Note

Alternatively, opening Explorer and clicking on the Bluetooth Information Exchanger folder will produce the same result.



The [Bluetooth Information Exchanger] window will appear.

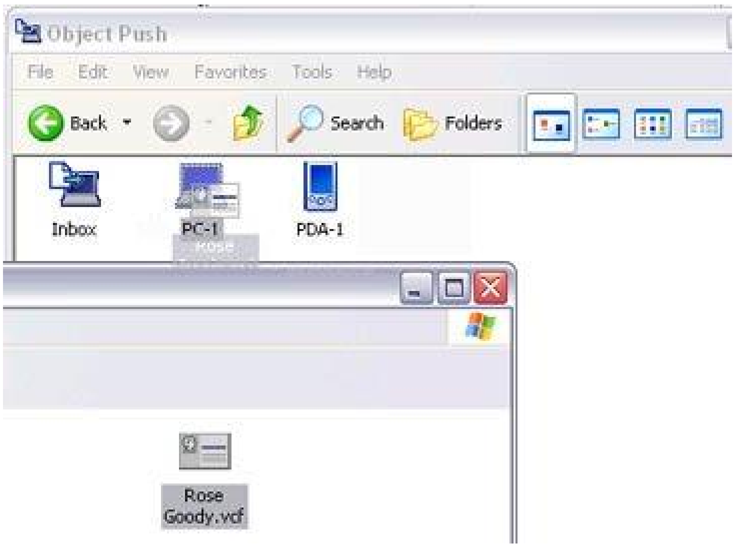
3. **Double-click on the [Object Push] icon**
   A list of devices will appear in the [Object Push] window.



Note

If the desired device does not appear in the list, please confirm that the device has been turned on, and then select [Bluetooth]->[Search Devices].
A device search will be performed.

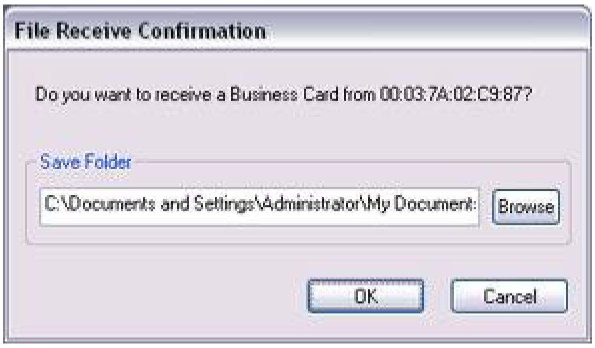
4. **Use the mouse to drag and drop the business card you wish to send over the destination icon**
   In this case, the business card will be sent to a PC named "PC-1".



The business card will be sent.

Note

When you try to send a business card, a message requesting permission to receive the card may appear on the device belonging to the other party (i.e., on the receiving end). The content of the message will vary with the Bluetooth software installed on the destination device, so please be sure to follow the instructions provided. If you are using the Bluetooth Utility, a message similar to the one below will appear.

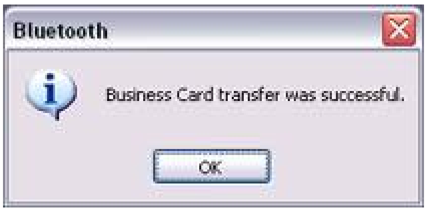


File Receive Confirmation

Do you want to receive a Business Card from 00:03:7A:02:C9:87?

Save Folder: C:\Documents and Settings\Administrator\My Document:

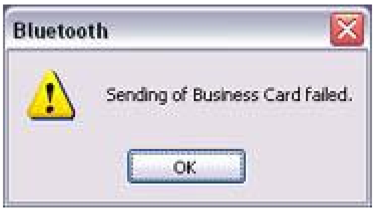
If the business card has been sent successfully, the message below will appear.
Please click on the [OK] button.



Bluetooth

Business Card transfer was successful.

The message below will appear if the business card transmission was unsuccessful.
Please click on the [OK] button to close the message, and repeat the procedure.



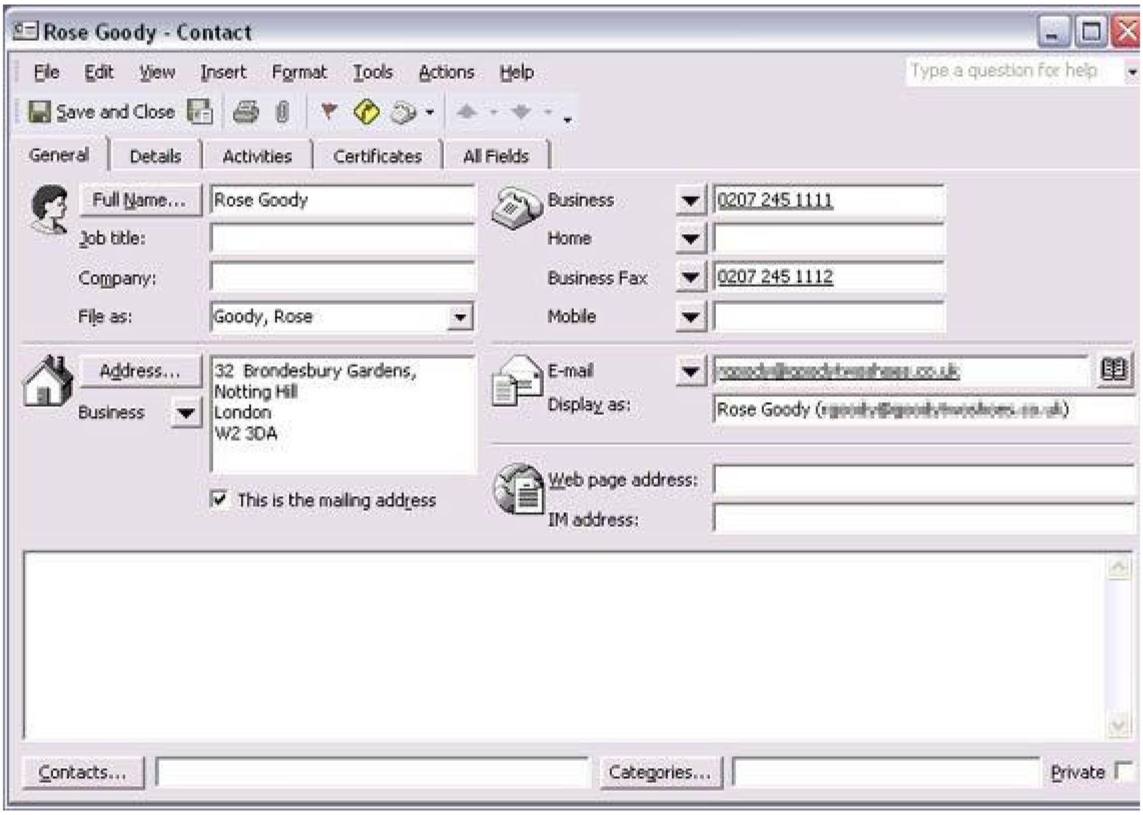
Bluetooth

Sending of Business Card failed.

Memo

Data that have been sent will be saved in a folder for exchanged business cards on the destination device.

You can configure an associated application (Microsoft Outlook etc) to start automatically when you have received a business card, allowing you to view the card details.



Full Name... Rose Goody

File as: Goody, Rose

Business: 0207 245 1111

Business Fax: 0207 245 1112

Address... Business:
32 Brondesbury Gardens,
Notting Hill
London
W2 3DA

☑ This is the mailing address

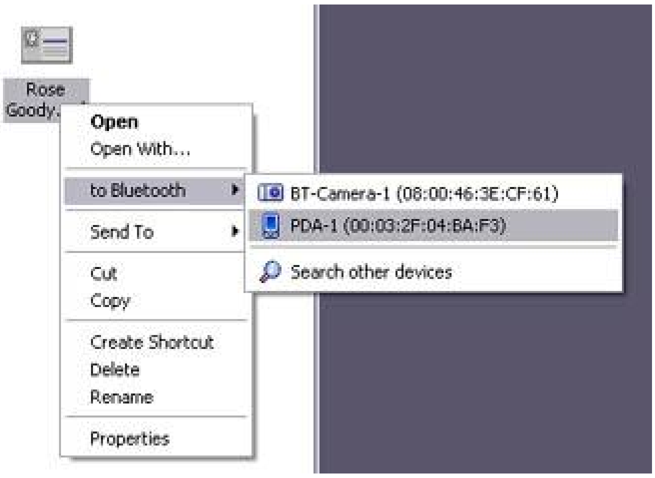
Display as: Rose Goody (

You can use Properties under Bluetooth Information Exchanger to configure whether or not you would like such an application to start automatically.

Selecting a business card and sending it to a PC or PDA (by right-clicking the mouse)

1. **Turn on the PC or PDA**
   Confirm that a Bluetooth connection has been enabled before proceeding.

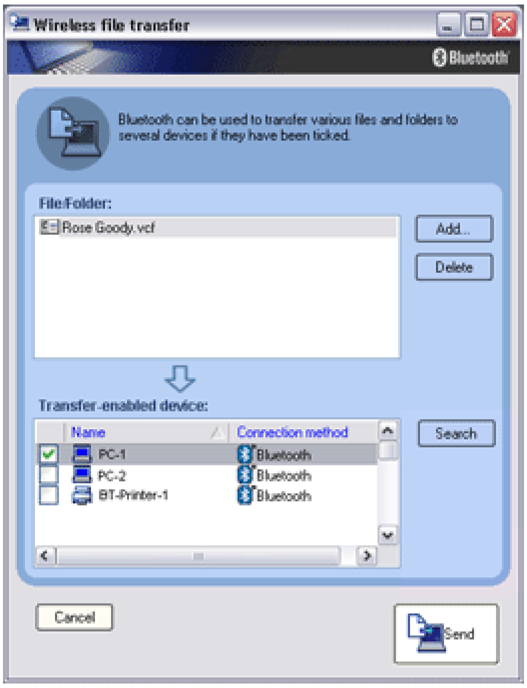
2. **Right-click on the business card you wish to send, and then click on its destination from [to Bluetooth]**



Note

If the desired device does not appear in the list, please confirm that the device has been turned on, and then select [to Bluetooth]->[Search other devices].

Once the devices have been detected, the message below will appear. Please select the destination device, and then click on the [Send] button.



Bluetooth can be used to transfer various files and folders to several devices if they have been ticked.

File/Folder:
Rose Goody.vcf

Transfer-enabled device:

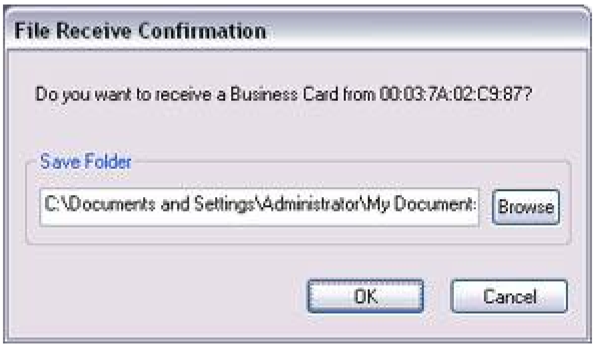
	Name	Connection method
☑	PC-1	Bluetooth
☐	PC-2	Bluetooth
☐	BT-Printer-1	Bluetooth

The business card will be sent.

Note

When you try to send a business card, a message requesting permission to receive the files may appear on the device belonging to the other party (i.e., on the receiving end). The content of the message will vary with the Bluetooth software installed on the destination device, so please be sure

to follow the instructions provided.
If you are using the Bluetooth Utility, a message similar to the one below will appear.

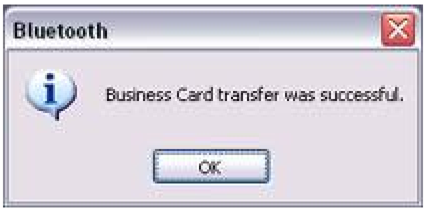


File Receive Confirmation

Do you want to receive a Business Card from 00:03:7A:02:C9:87?

Save Folder: C:\Documents and Settings\Administrator\My Document:

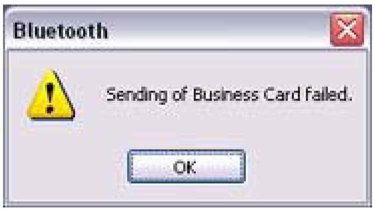
If the business card has been sent successfully, the message below will appear.
Please click on the [OK] button.



Bluetooth

Business Card transfer was successful.

The message below will appear if the business card transmission was unsuccessful.
Please click on the [OK] button to close the message, and repeat the procedure.



Bluetooth

Sending of Business Card failed.

Note

Data that have been sent will be saved in a folder for exchanged business cards on the destination device.

Sending your personal business card

You can prepare a business card bearing your name and other details such as your company and telephone numbers, and then send it to another party.

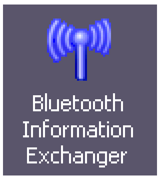
Note

- Please use Properties under Bluetooth Information Exchanger beforehand to configure which data to use for your own business card.

- You can only have one business card registered as your own that is able to be sent.

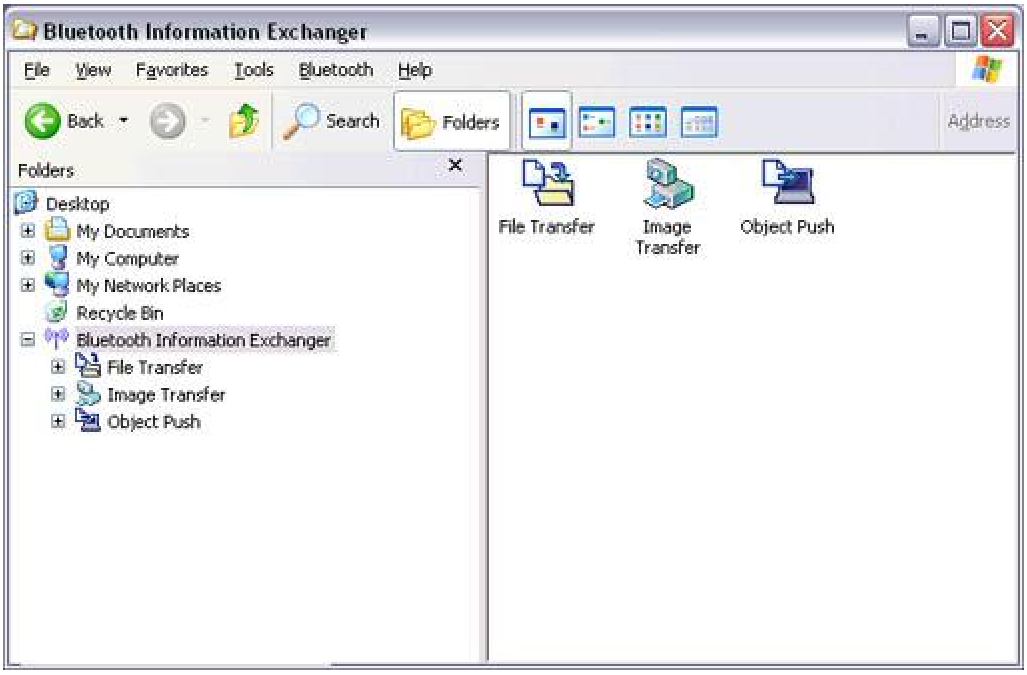
1. **Turn on the PC or PDA**
   Confirm that a Bluetooth connection has been enabled before proceeding

2. **Double-click on the Bluetooth Information Exchanger icon on the Desktop**



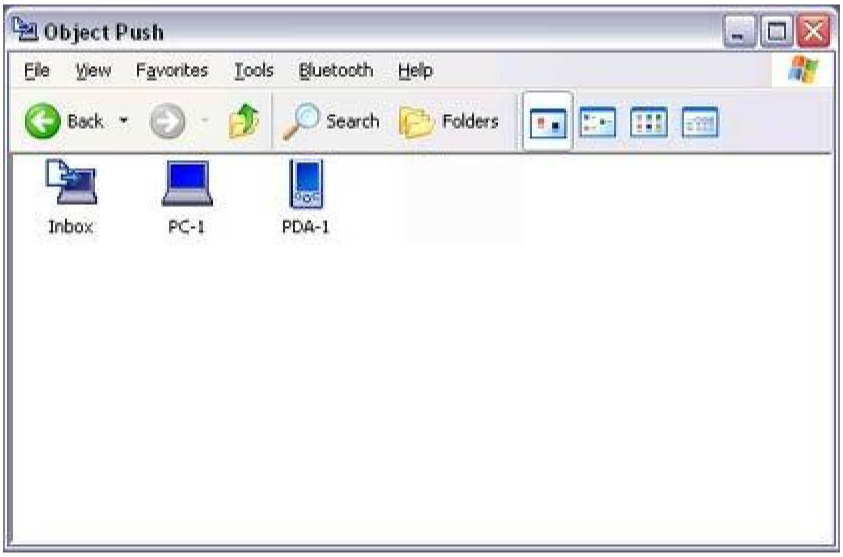
Note

Alternatively, opening Explorer and clicking on the Bluetooth Information Exchanger folder will produce the same result.



The [Bluetooth Information Exchanger] window will appear.

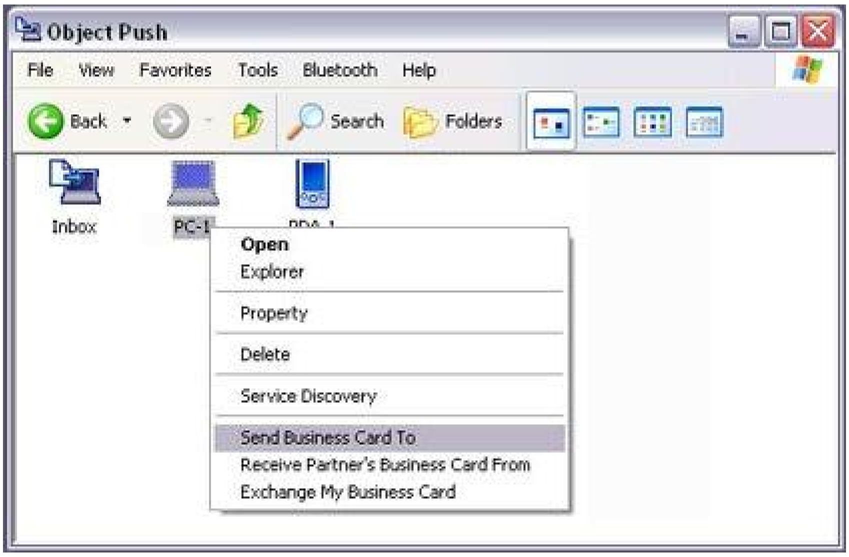
3. **Double-click on the [Object Push] icon**
   A list of devices will appear in the [Object Push] window.



Note

If the desired device does not appear in the list, please confirm that the device has been turned on, and then select [Bluetooth]->[Search Devices].
A device search will be performed.

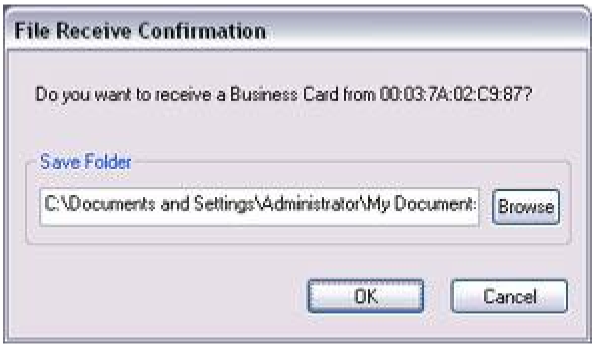
4. **Right-click on the destination icon, and then click on [Send business card To]**
   In this case, your personal business card will be sent to a PC named "PC-1".



The business card will be sent.

Note

When you try to send a business card, a message requesting permission to receive the files may appear on the device belonging to the other party (i.e., on the receiving end). The content of the message will vary with the Bluetooth software installed on the destination device, so please be sure to follow the instructions provided. If you are using the Bluetooth Utility, a message similar to the one below will appear.

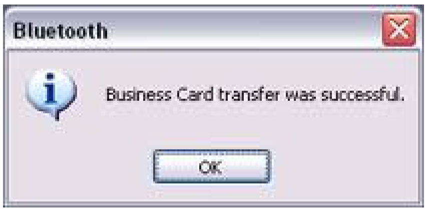


Do you want to receive a Business Card from 00:03:7A:02:C9:87?

Save Folder: C:\Documents and Settings\Administrator\My Document:

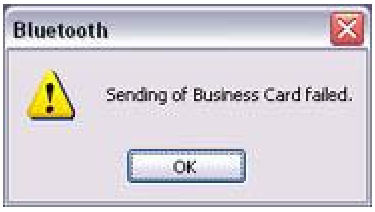
Business cards that have been sent will be saved in the Inbox of the destination party.

If your business card has been sent successfully, the message below will appear.
Please click on the [OK] button.



Business Card transfer was successful.

The message below will appear if the business card transmission was unsuccessful. Please click on the [OK] button to close the message, and repeat the procedure.



Sending of Business Card failed.

Note

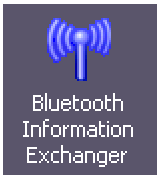
Data that has been sent will be saved in a folder for exchanged business cards on the destination device.

Acquiring a business card from another party

You can use your PC to acquire a business card from a party containing their details.

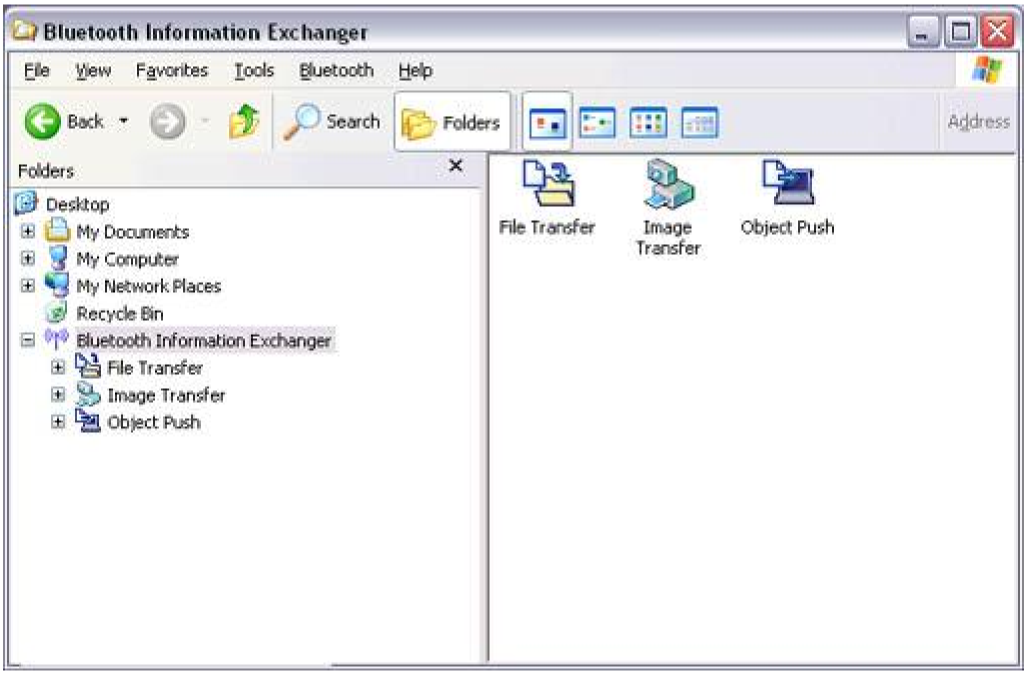
1. **Turn on the PC or PDA**
   Confirm that a Bluetooth connection has been enabled before proceeding

2. **Double-click on the Bluetooth Information Exchanger icon on the Desktop**



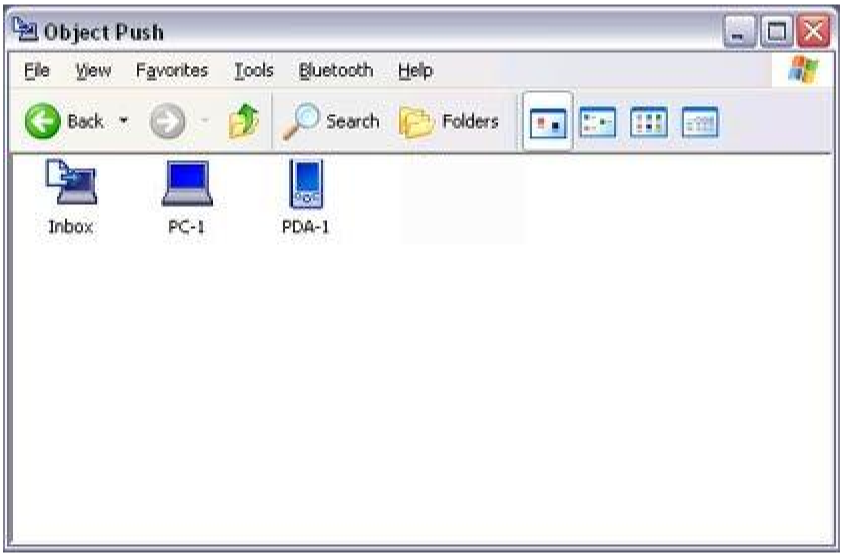
Note

Alternatively, opening Explorer and clicking on the Bluetooth Information Exchanger folder will produce the same result.



The [Bluetooth Information Exchanger] window will appear.

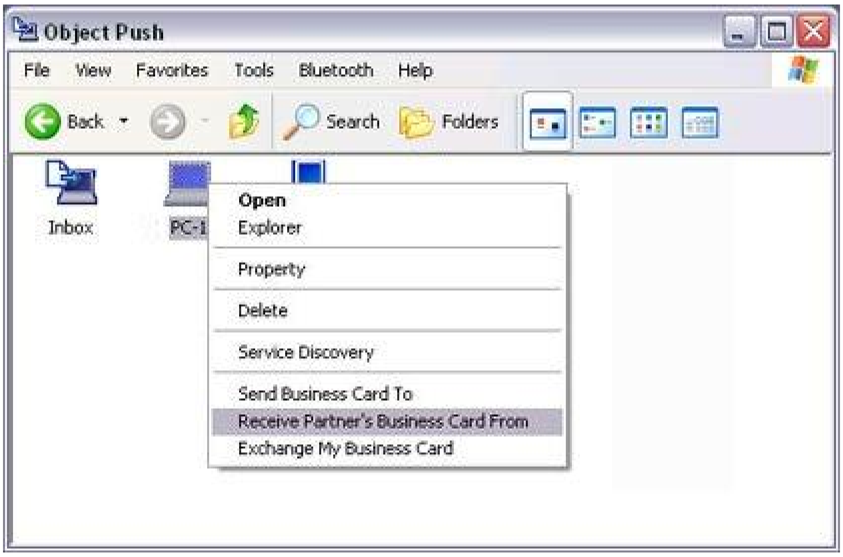
3. **Double-click on the [Object Push] icon**
   A list of devices will appear in the [Object Push] window.



Note

If the desired device does not appear in the list, please confirm that the device has been turned on, and then select [Bluetooth]->[Search Devices].
A device search will be performed.

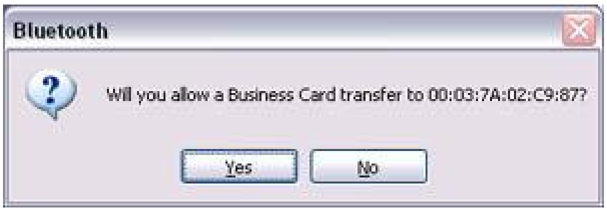
4. **Right-click on the icon of the party whose card you wish to acquire, and then click on [Receive business card]**
In this case, the business card of the other party will be acquired from a PC named "PC-1".


Object Push
File View Favorites Tools Bluetooth Help
Back
Search
Folders
Inbox
PC-1
Open
Explorer
Property
Delete
Service Discovery
Send Business Card To
Receive Partner's Business Card From
Exchange My Business Card

The business card will be received.

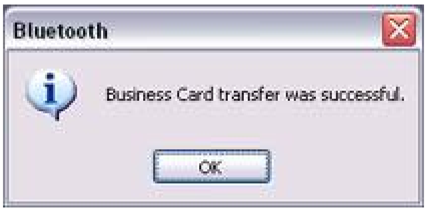
Note

When you try to acquire a business card, a message requesting permission to send the files may appear on the device belonging to the other party (i.e., on the sending end). The content of the message will vary with the Bluetooth software installed on the destination device, so please be sure to follow the instructions provided.
If you are using the Bluetooth Utility, a message similar to the one below will appear.



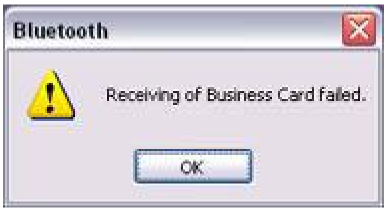
Will you allow a Business Card transfer to 00:03:7A:02:C9:87?

If the business card has been received successfully, the message below will appear.
Please click on the [OK] button.



Business Card transfer was successful.

The message below will appear if the business card was unsuccessfully received.
Please click on the [OK] button to close the message, and repeat the procedure.



Receiving of Business Card failed.

Note

Business card data that have been received will be saved in the Inbox under "Object Push".
You can use Properties under the Bluetooth Information Exchanger to set the location of the Inbox on the hard drive.

Exchanging business cards

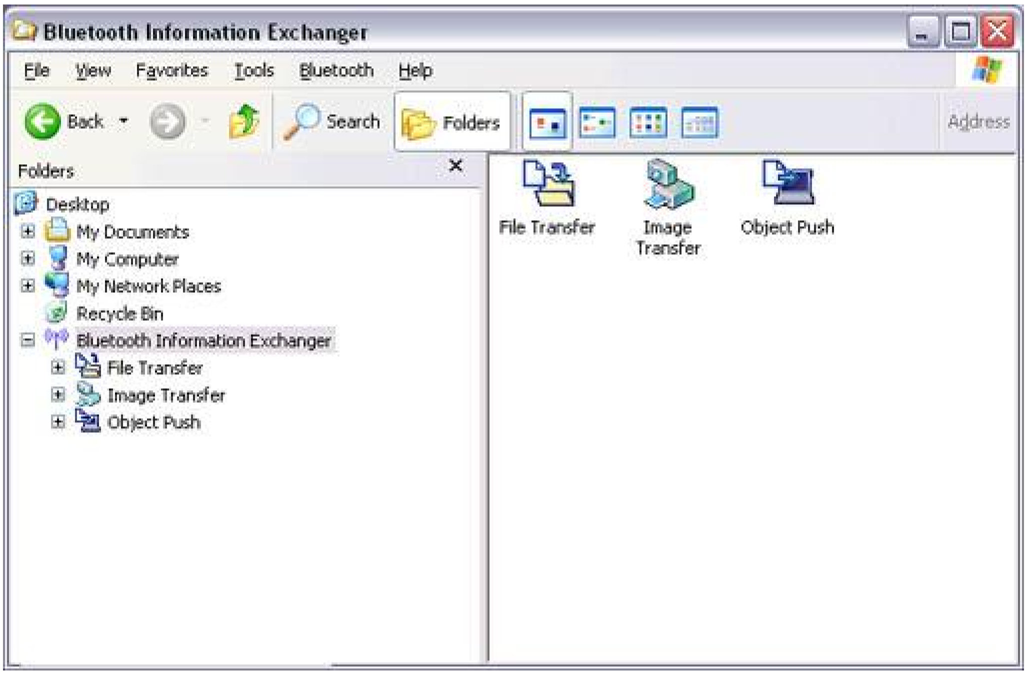
Simultaneously exchange your business card with one belonging to another party.

1. **Turn on the PC or PDA**
   Confirm that a Bluetooth connection has been enabled before proceeding.

2. **Double-click on the Bluetooth Information Exchanger icon on the Desktop**

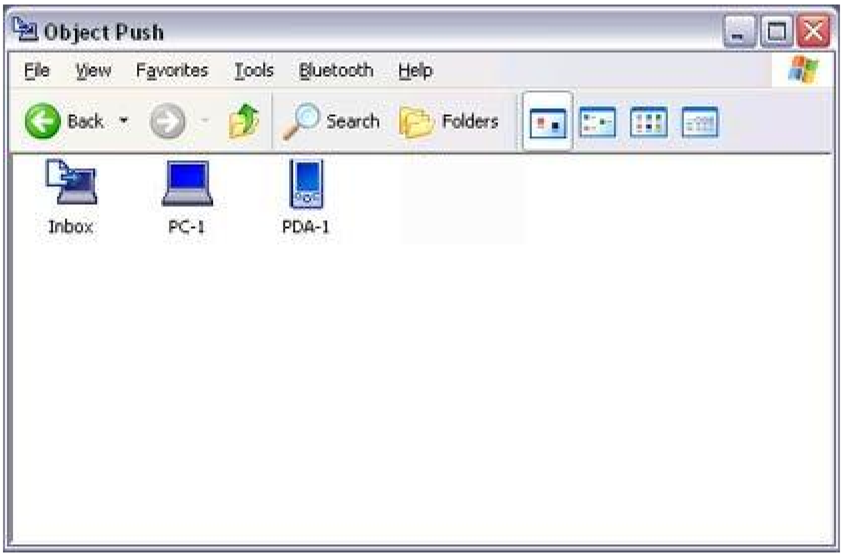
Note

Alternatively, opening Explorer and clicking on the Bluetooth Information Exchanger folder will produce the same result.



The [Bluetooth Information Exchanger] window will appear.

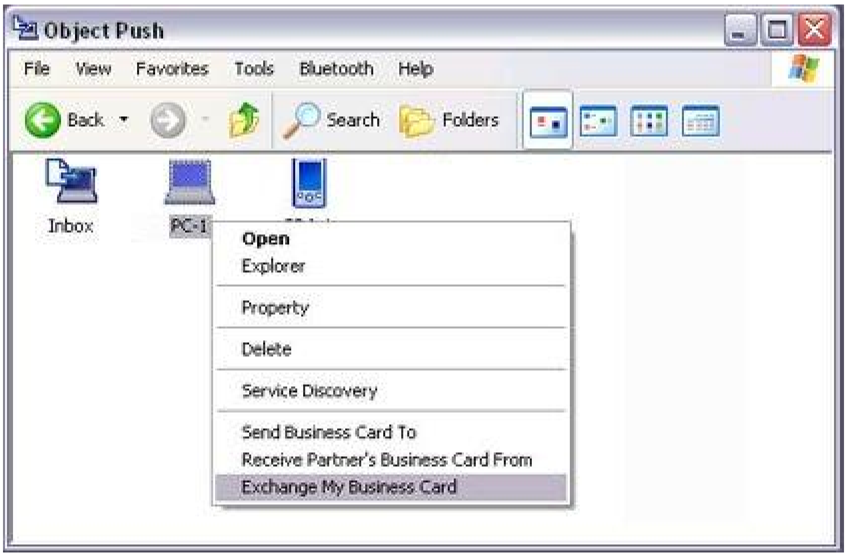
3. **Double-click on the [Object Push] icon**
   A list of devices will appear in the [Object Push] window.



Note

If the desired device does not appear in the list, please confirm that the device has been turned on, and then select [Bluetooth]->[Search Devices].
A device search will be performed.

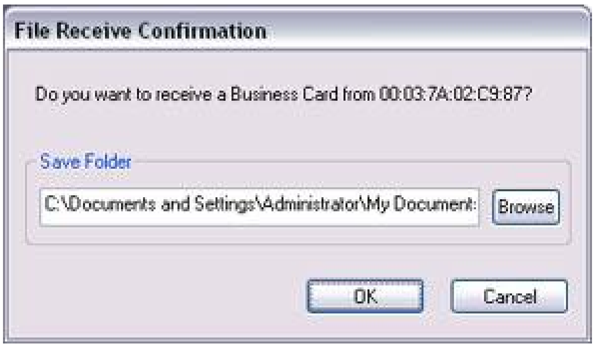
4. **Right-click on the icon of the party with whom you wish to exchange business cards, and then click on [Object Push]**
In this case, the business cards will be exchanged with a PC named "PC-1".



The business card from the party who executed the "Exchange business cards" command will be sent first.

Note

When you try to send a business card, a message requesting permission to receive the files may appear on the device belonging to the other party (i.e., on the receiving end). The content of the message will vary with the Bluetooth software installed on the destination device, so please be sure to follow the instructions provided.
If you are using the Bluetooth Utility, a message similar to the one below will appear.


File Receive Confirmation

Do you want to receive a Business Card from 00:03:7A:02:C9:87?

Save Folder: C:\Documents and Settings\Administrator\My Document:

A message of confirmation will appear if the card has been successfully sent.

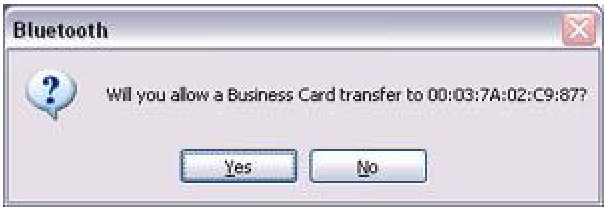
Note

Business cards that have been sent will be saved in the Inbox of the destination party.

Once your business card has finished being sent, the program will start receiving the business card belonging to the other party.

Note

When a business card is to be received, a message such as the one below may appear on the device belonging to the other party.
Please click on the [Yes] button if you give permission for the business card to be sent.


Bluetooth

Will you allow a Business Card transfer to 00:03:7A:02:C9:87?

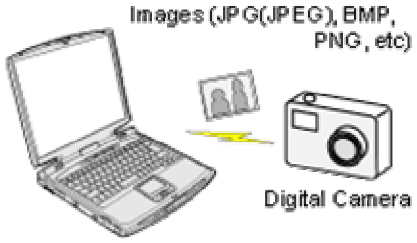
A message of confirmation will appear if the card has been successfully received.

Note

Business cards that have been received will be saved in the "Inbox" under "Object Push".
You can use Properties under the Bluetooth Information Exchanger to set the location of the Inbox on the hard drive.

Using a Bluetooth-compatible camera [BIP]

By connecting a Bluetooth-compatible digital camera to your PC via Bluetooth, you will be able to operate the camera shutter from the PC and transmit the captured images to it as well.



Connecting the camera
Taking pictures
Viewing images saved on your PC

Connecting the camera

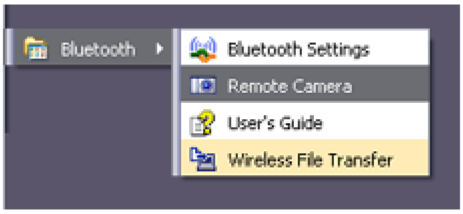
Use the "Remote Camera" tool in the Bluetooth Utility to connect the camera to your PC.

Procedure

1. **Click on [Start]->[All Programs]->[Bluetooth]->[Remote Camera]**

   Note

   In Windows 2000, click on [Start]->[Programs]->[Bluetooth]->[Remote Camera].

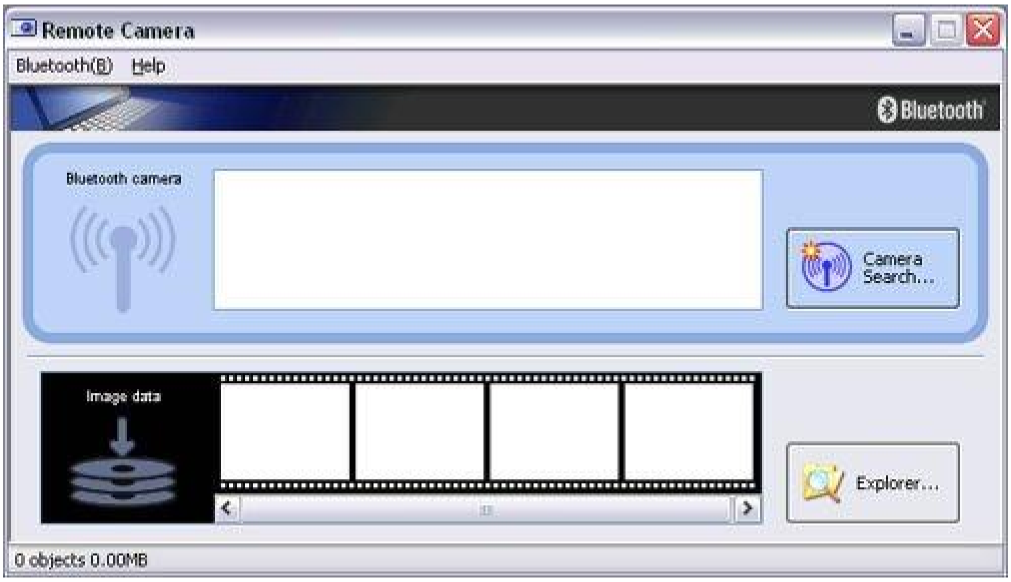
   The [Remote Camera] window will appear.

2. **Turn on the camera, and set it to be connectable via Bluetooth**

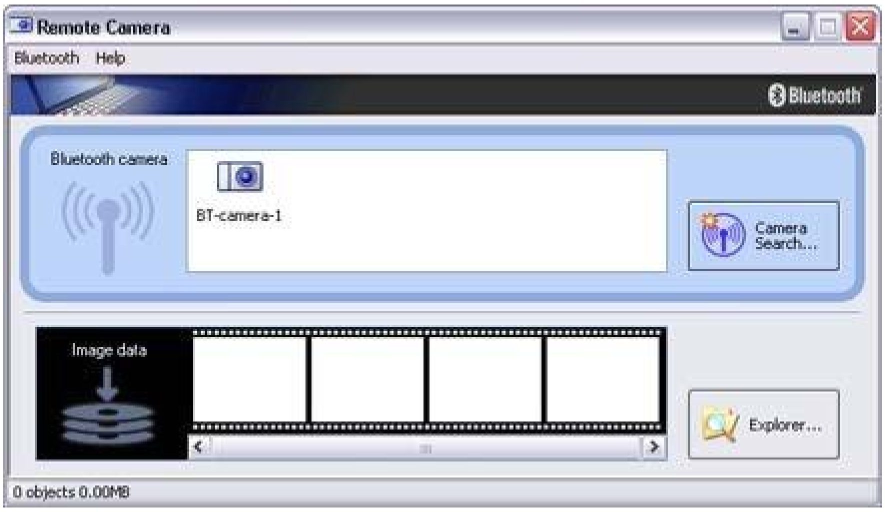
   Note

   Different cameras are operated in different ways, depending on the manufacturer and model used. Please refer to the instruction manual for further details on how to operate your camera.

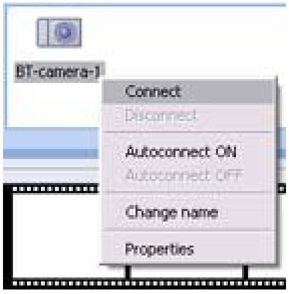
3. **Click on the [Camera Search...] button**



The camera will be detected and its icon displayed.



4. **Right-click on the camera icon, and select [Connect]**

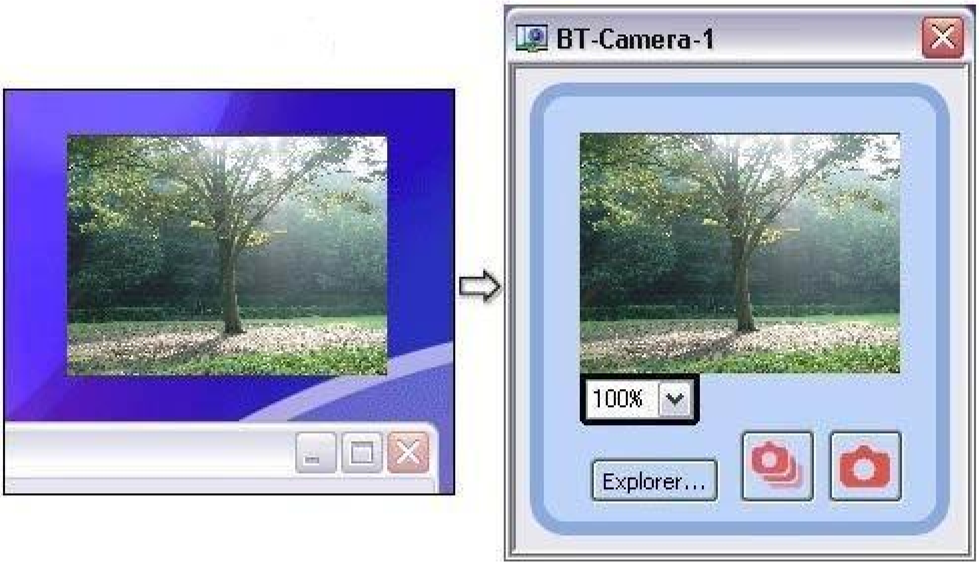


The camera will be connected, and images from the camera will appear on-screen.

Bluetooth
Camera

Taking pictures

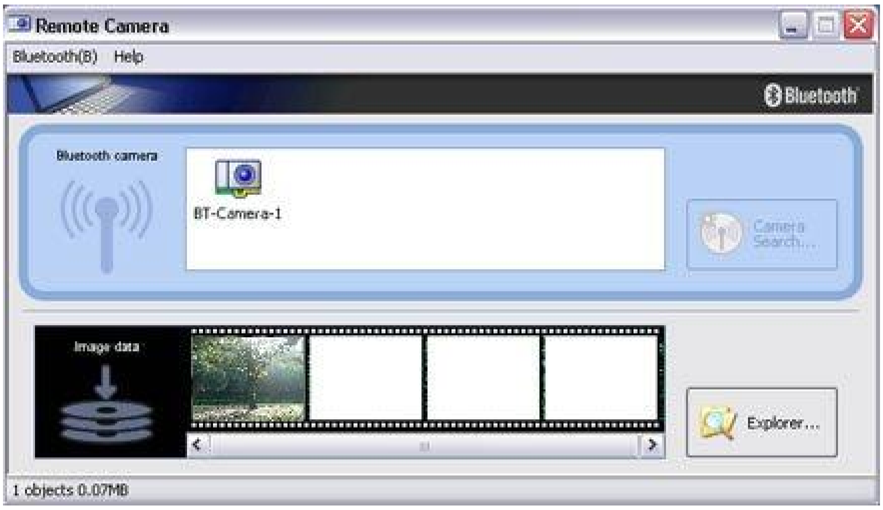
By placing the mouse cursor over the on-screen image, the camera's operating window will appear.
You can operate the camera from this window.



Procedure

Taking a single picture

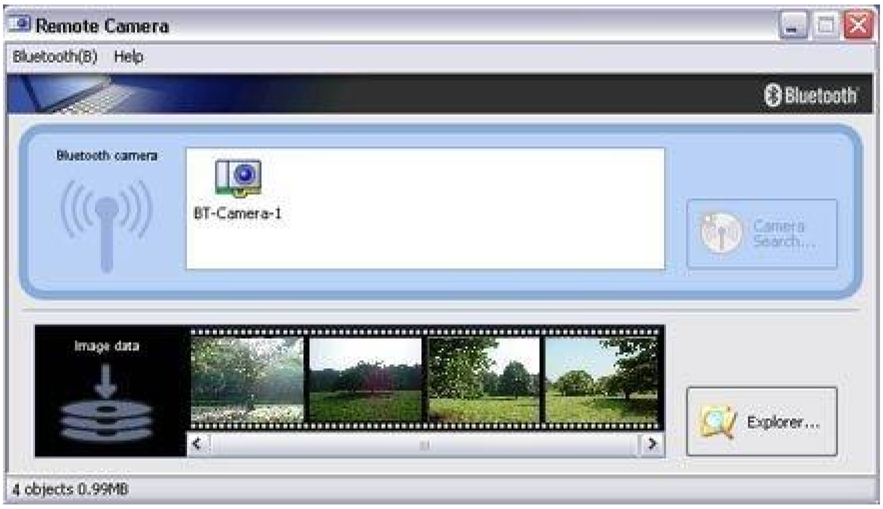
1. **Click on the 📷 button in the operating window.**
   A single image will be captured and sent to the PC.



Taking several consecutive frames

1. **Click on the button in the operating window**

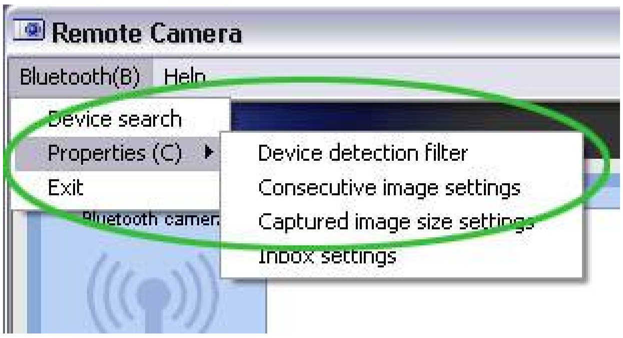
   A succession of images will be captured and sent to the PC.



Note

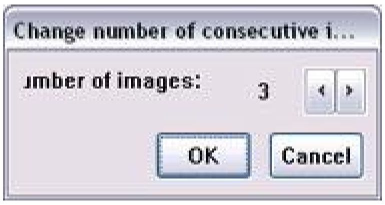
- The remote camera shutter cannot be operated while the camera is connected to the PC.
- The number of consecutive pictures taken can be set to anywhere between 2 and 16

1. In the [Remote Camera] window, click on [Bluetooth]->[Properties]->[Consecutive Image Settings]



The [Change number of consecutive images] dialog box will appear

2. Click on the [<][>] buttons to select the number of consecutive images to be captured



Change number of consecutive i...

umber of images: 3

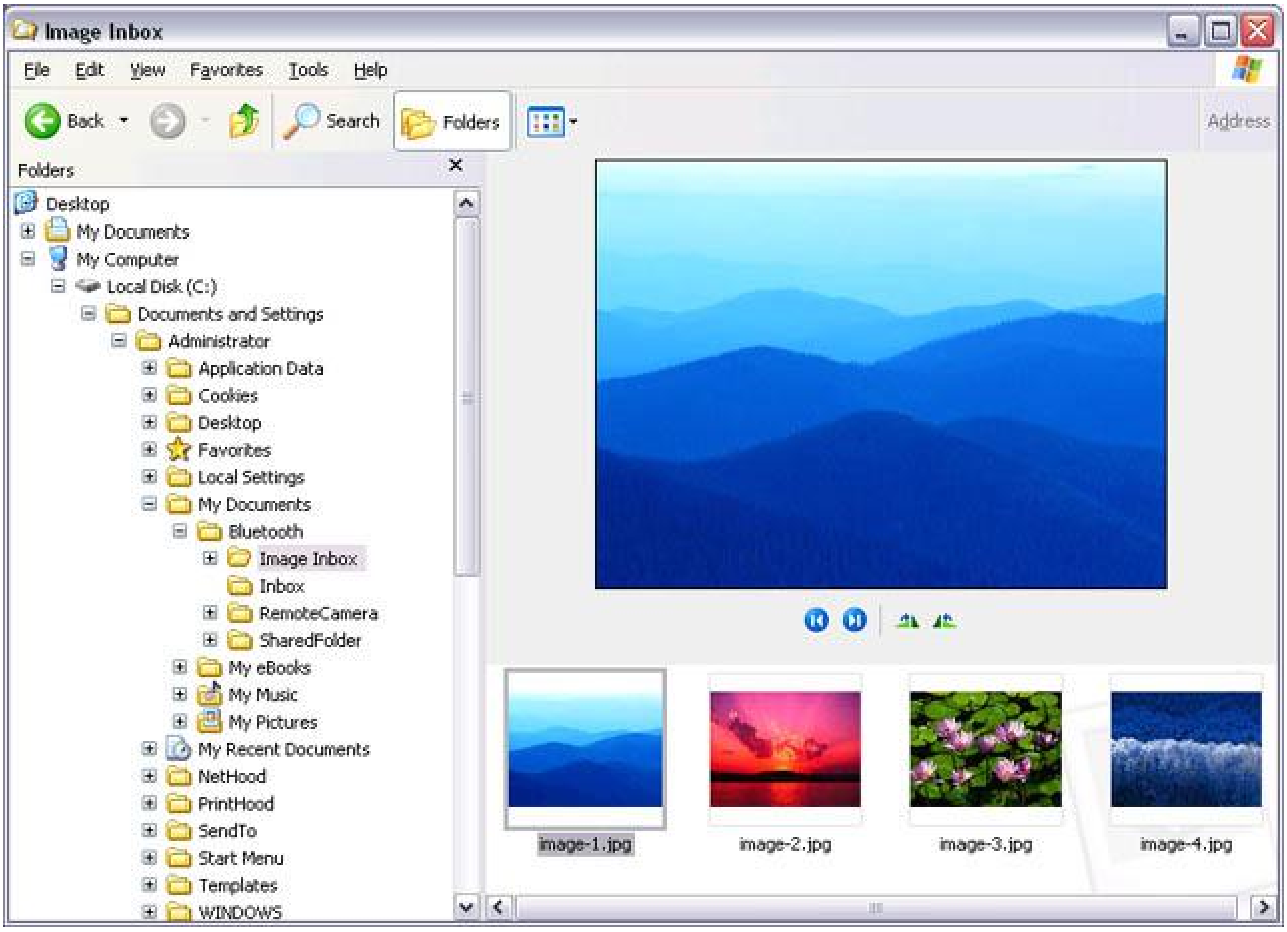
2.

Important

- Images are not only sent to the PC, but are stored in the camera's on-board memory as well.
  Please be aware of the remaining memory capacity when you are taking a large number of pictures.
- Large file sizes are common for high-resolution images, and may take some time to be transferred to the PC.

Viewing images saves on your PC

A "Remote Camera" folder will be created in the "Bluetooth" folder under "My Documents" during initial set-up. A folder bearing the same name as the camera will be created in it, and images will be saved in this folder.
Click the [Explorer] button in the [Remote Camera] window to display the folder where the images have been saved.



Note

- This window is an example showing pictures when [Filmstrip] has been selected from the [View] menu in Explorer.

Synchronizing information using ActiveSync

[SPP]

This section describes how to synchronize information on your PDA (calendars, contacts, inboxes etc) with your PC using Microsoft ActiveSync.
When you connect via Bluetooth instead of with a standard cable, you will always be able to synchronize your data without the hassle of having to connect the cable.

Connecting using ActiveSync
Establishing a partnership between ActiveSync and a PDA
Finishing an ActiveSync connection
Cancelling a partnership

Important

- Please use ActiveSync v.3.7 or higher. Also please establish a partnership between the devices using a USB or infrared link before you connect via Bluetooth.
- Please refer to the ActiveSync Help or other manuals for information on how to use the application.
- Microsoft Outlook 2002 or another schedule management tool must also be installed on the PC.

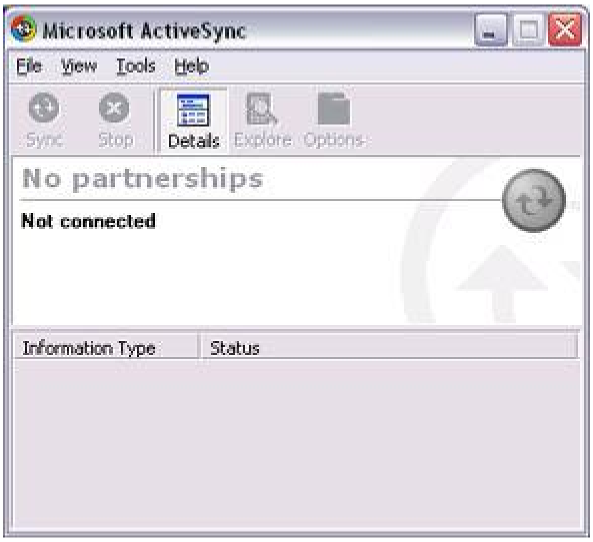
Connecting using ActiveSync

Both the PC and PDA must be set up in order for a connection to be established.

Preparing the PC

Procedure

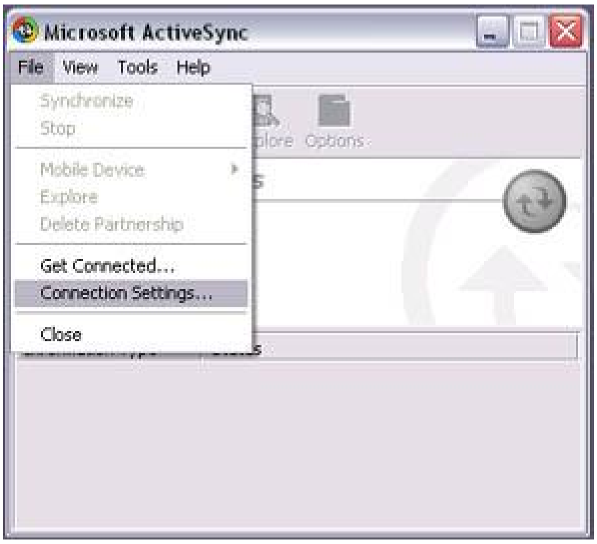
1. **On the PC, click on [Start]->[All Programs]->[Microsoft ActiveSync]**
   The initial ActiveSync set-up window will appear.
   It is assumed in the explanation below that no ActiveSync connections have been established with other devices.



No partnerships

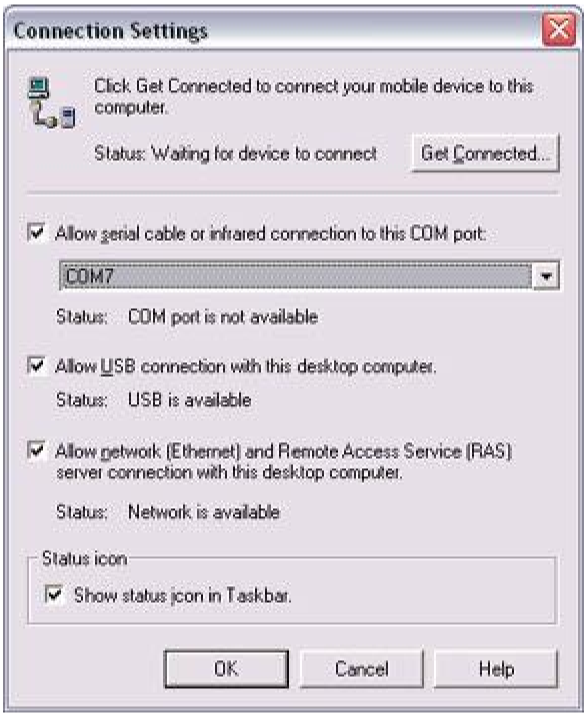
Not connected

2. **Click [File]->[Connection Settings]**



The [Connection Settings] window will appear.

3. **Place a check next to [Allow serial cable or infrared connection to this COM port], and then select "COM7".**


Connection Settings

Click Get Connected to connect your mobile device to this computer.

Status: Waiting for device to connect

☑ Allow serial cable or infrared connection to this COM port:

COM7

Status: COM port is not available

☑ Allow USB connection with this desktop computer.

Status: USB is available

☑ Allow network (Ethernet) and Remote Access Service (RAS) server connection with this desktop computer.

Status: Network is available

Status icon

☑ Show status icon in Taskbar.

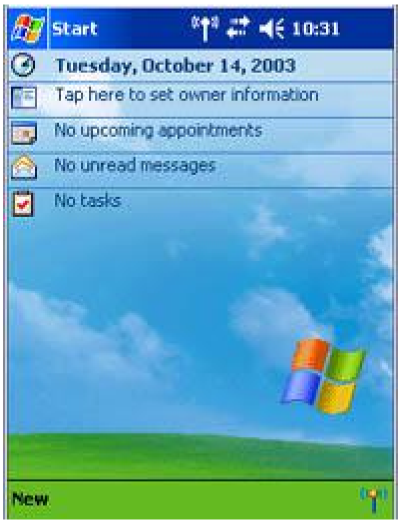
Note

- In the standard set-up, the port is configured to "COM7" (refer to Steps (3) and (4) under "Preparing the PDA" below). When using a different port, please also change the port number selected in this window.

Preparing the PDA

Procedure

1. **Tap on the Bluetooth icon in the bottom right of the screen**



Tuesday, October 14, 2003

Tap here to set owner information

No upcoming appointments

No unread messages

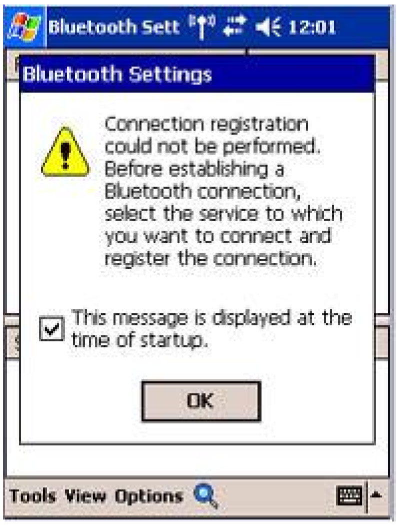
No tasks

Important

- The graphic above shows an example of a PDA operating window.

The connection procedure may be different depending on the manufacturer or model of PDA you use. Please refer to the product instruction manuals for further details.

The [Bluetooth Settings] window will open.
The message "Connection not registered" will appear if no Bluetooth device has been registered.

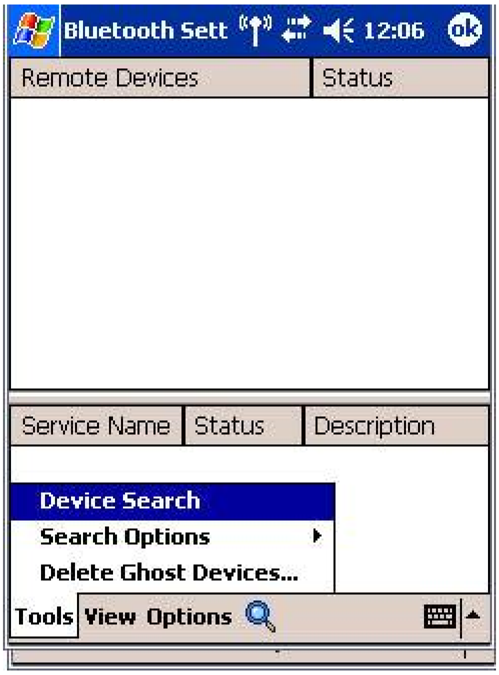


Connection registration could not be performed. Before establishing a Bluetooth connection, select the service to which you want to connect and register the connection.

☑ This message is displayed at the time of startup.

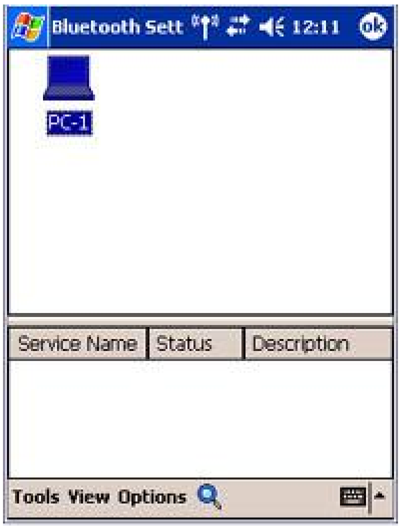
Please tap on [OK] to close the message.

2. **Double click on [Tools]->[Search for peripheral components]**

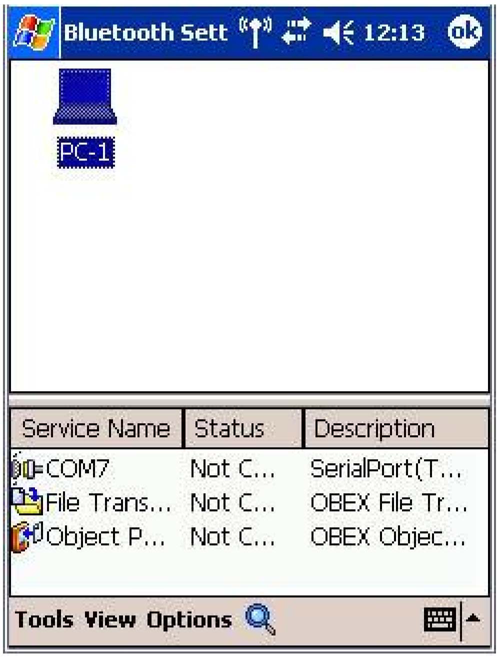


The application searches for nearby Bluetooth devices.

3. **Tap and hold on the destination PC icon, and then select [Update Services]**

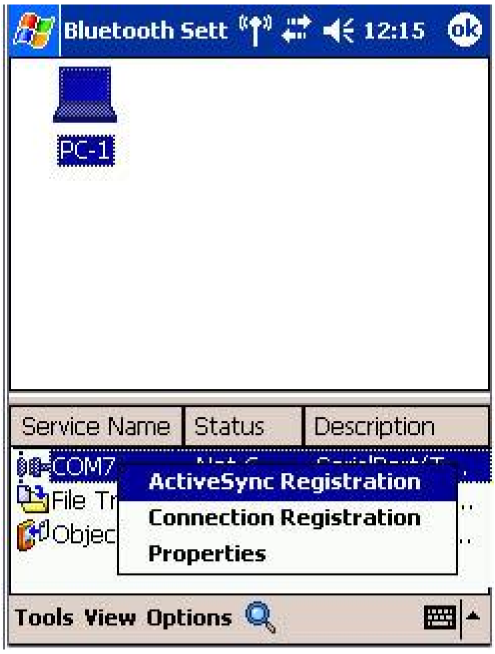


A search for services will be carried out, and then a list of service names and their connection status will appear as list in the lower window.

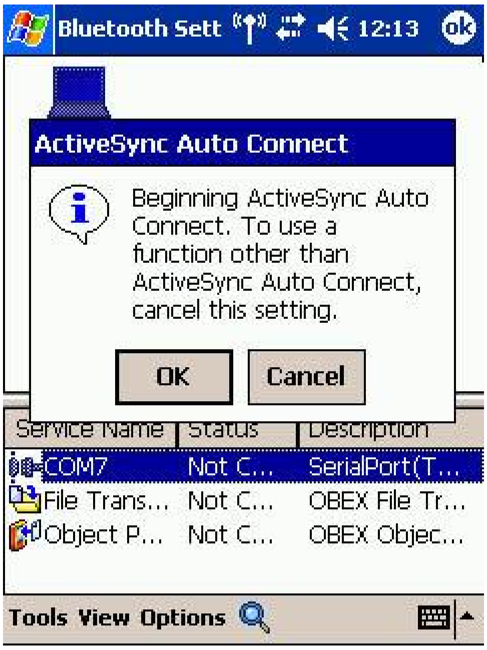


Service Name	Status	Description
COM7	Not C...	SerialPort(T...
File Trans...	Not C...	OBEX File Tr...
Object P...	Not C...	OBEX Objec...

4. **Tap and hold on "COM7" from the list of service names, and then select "Register ActiveSync".**



5. **Tap [OK] in the confirmation message window**



Beginning ActiveSync Auto Connect. To use a function other than ActiveSync Auto Connect, cancel this setting.

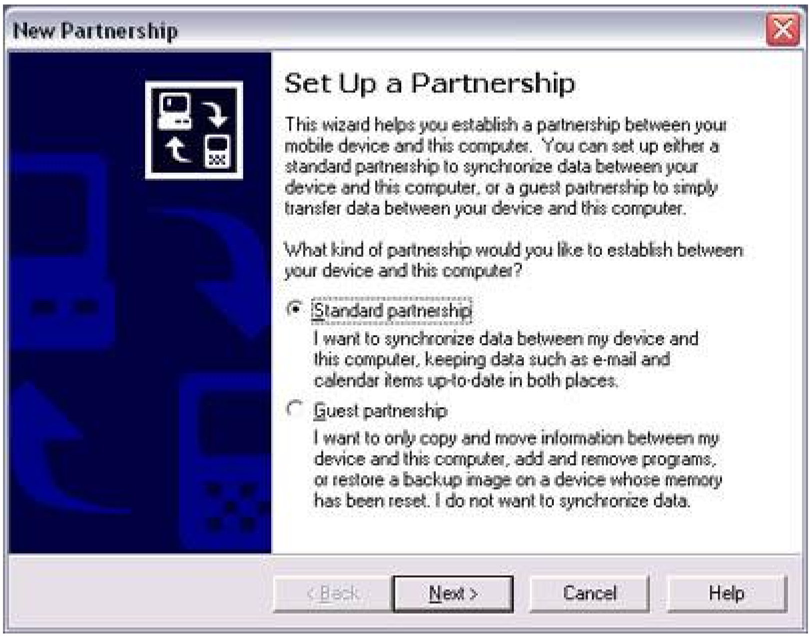
An ActiveSync connection will be initiated.

- Establishing a partnership between ActiveSync and a PDA

Once a connection has been successfully established with a PDA, the procedure for establishing a partnership with the PDA will be started by the ActiveSync application on the PC.
Performing this set-up procedure will enable data to be synchronized between your PC and PDA.

Procedure

1. **In the [New Partnership (Set Up a Partnership)] window, select "Standard partnership", and then click on the [Next] button**



Set Up a Partnership

This wizard helps you establish a partnership between your mobile device and this computer. You can set up either a standard partnership to synchronize data between your device and this computer, or a guest partnership to simply transfer data between your device and this computer.

What kind of partnership would you like to establish between your device and this computer?

● Standard partnership

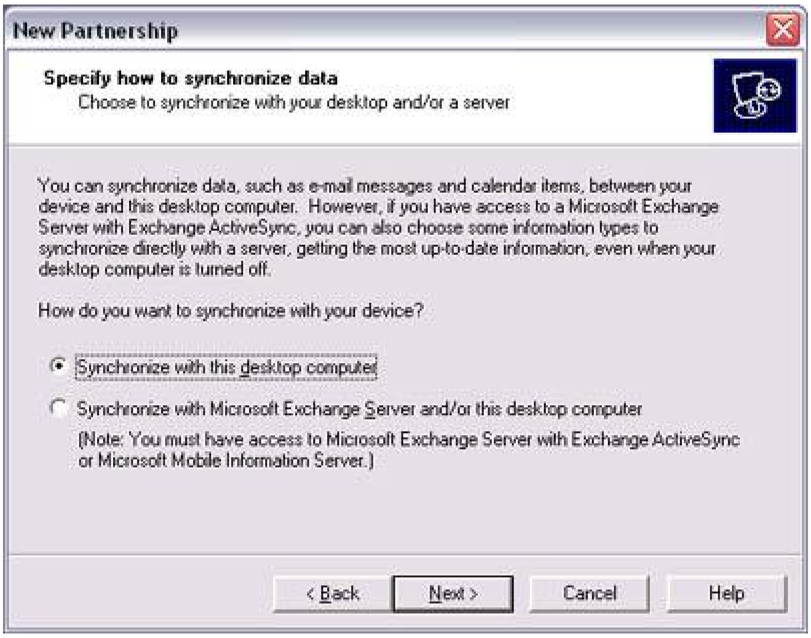
I want to synchronize data between my device and this computer, keeping data such as e-mail and calendar items up-to-date in both places.

○ Guest partnership

I want to only copy and move information between my device and this computer, add and remove programs, or restore a backup image on a device whose memory has been reset. I do not want to synchronize data.

The [New Partnership (Specify Data Synchronization Method)] window will appear.

2. **Select "Synchronize with this PC", and then click on the [Next] button**



Specify how to synchronize data

Choose to synchronize with your desktop and/or a server

You can synchronize data, such as e-mail messages and calendar items, between your device and this desktop computer. However, if you have access to a Microsoft Exchange Server with Exchange ActiveSync, you can also choose some information types to synchronize directly with a server, getting the most up-to-date information, even when your desktop computer is turned off.

How do you want to synchronize with your device?

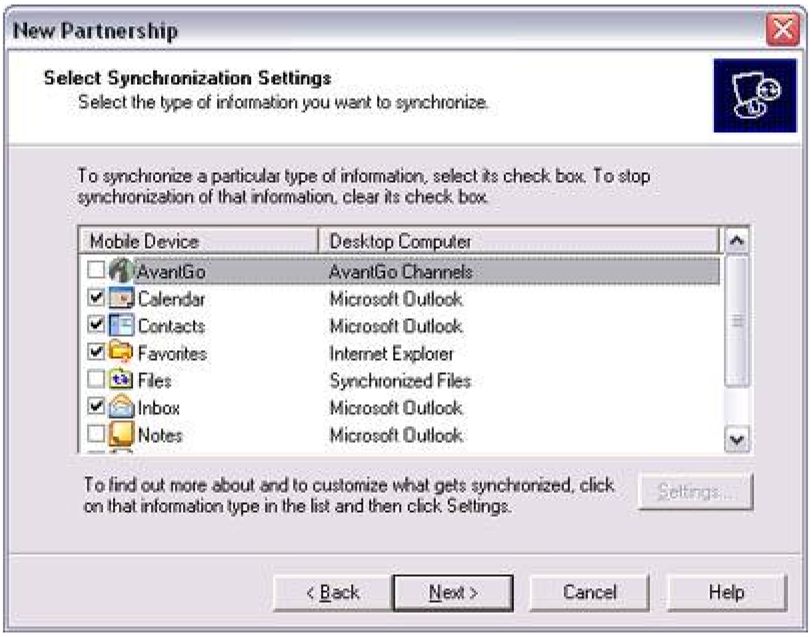
● Synchronize with this desktop computer

○ Synchronize with Microsoft Exchange Server and/or this desktop computer

(Note: You must have access to Microsoft Exchange Server with Exchange ActiveSync or Microsoft Mobile Information Server.)

The [New Partnership (Select Synchronization Settings)] window will appear.

3. **Select the type of information to be synchronized between your PC and PDA, and then click on the [Next] button**



Select Synchronization Settings

Select the type of information you want to synchronize.

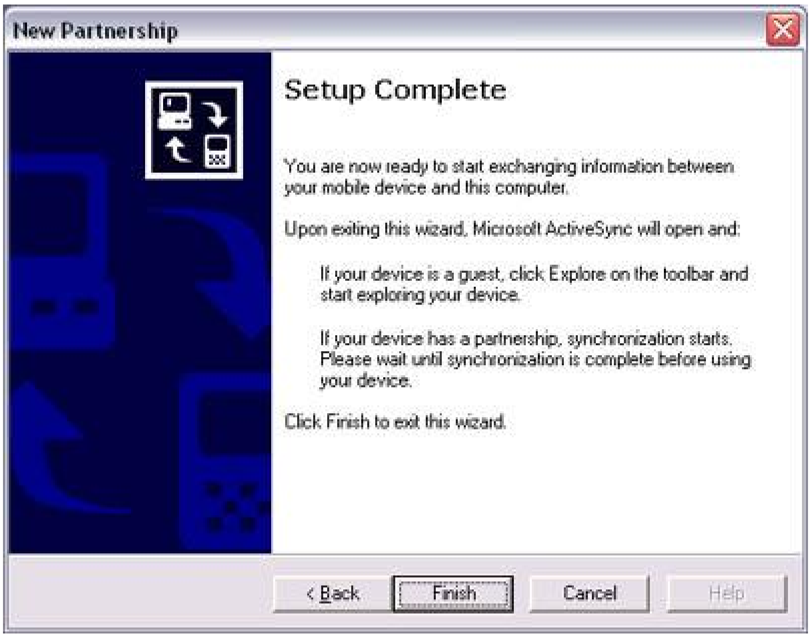
To synchronize a particular type of information, select its check box. To stop synchronization of that information, clear its check box.

Mobile Device	Desktop Computer
☐ AvantGo	AvantGo Channels
☑ Calendar	Microsoft Outlook
☑ Contacts	Microsoft Outlook
☑ Favorites	Internet Explorer
☐ Files	Synchronized Files
☑ Inbox	Microsoft Outlook
☐ Notes	Microsoft Outlook

To find out more about and to customize what gets synchronized, click on that information type in the list and then click Settings.

The [New Partnership (Completing Setup)] window will appear.

4. **Click on the [Finish] button**



Setup Complete

You are now ready to start exchanging information between your mobile device and this computer.

Upon exiting this wizard, Microsoft ActiveSync will open and:

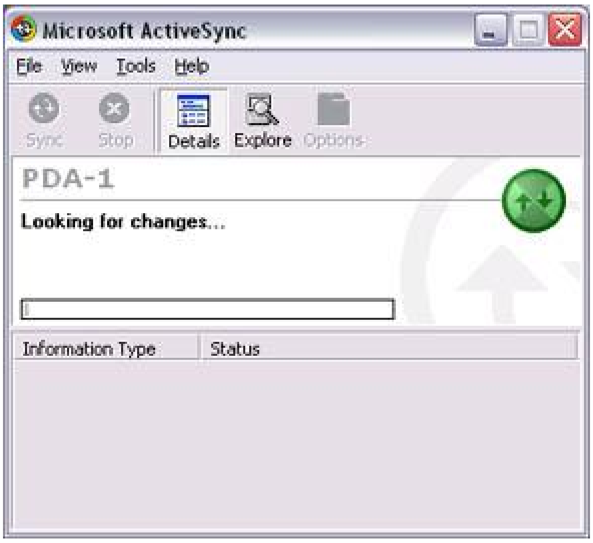
If your device is a guest, click Explore on the toolbar and start exploring your device.

If your device has a partnership, synchronization starts. Please wait until synchronization is complete before using your device.

Click Finish to exit this wizard.

When you click on the [Finish] button, ActiveSync will begin to synchronize your information.

[Confirming changes]

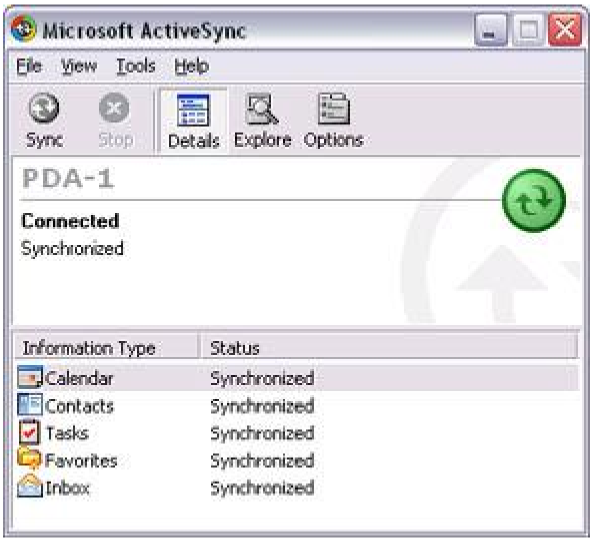


PDA-1

Looking for changes...

Information Type	Status

[Synchronization complete]



PDA-1

Connected
Synchronized

Information Type	Status
Calendar	Synchronized
Contacts	Synchronized
Tasks	Synchronized
Favorites	Synchronized
Inbox	Synchronized

While the ActiveSync connection is active, synchronization will be performed whenever information is changed on either the PC or the PDA.

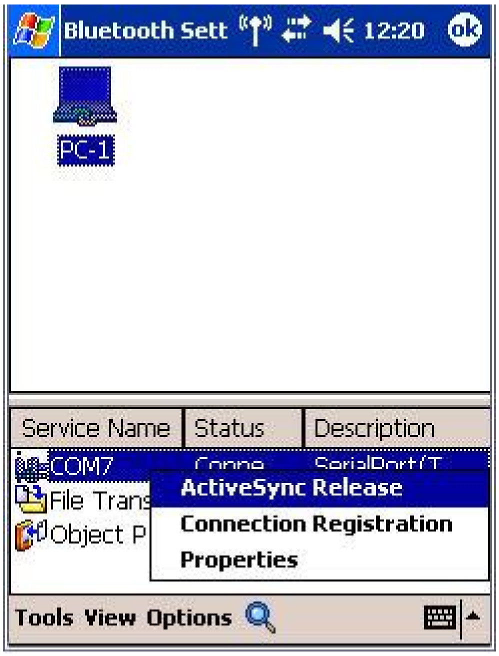
Once a partnership has been established, every time you start your PC (and PDA) thereafter, a Bluetooth connection will be opened and ActiveSync will synchronize your information.

Finishing an ActiveSync connection

Follow the procedure below on your PDA if you want to end an ActiveSync connection manually.

Procedure

1. **Tap and hold on "COM7" in the Bluetooth Settings window, and select [ActiveSync Release]**

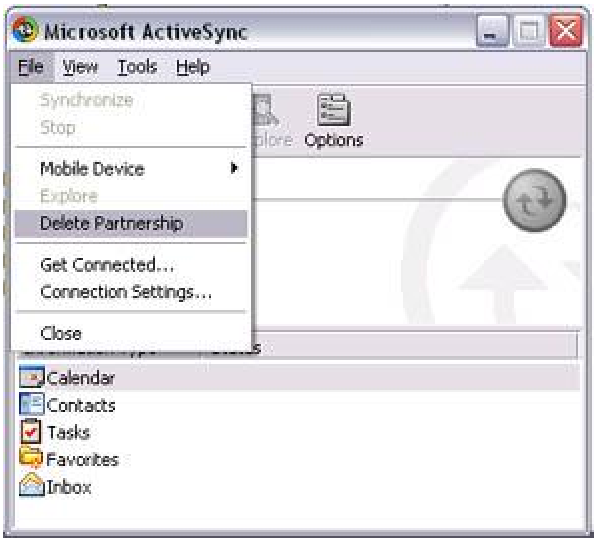


Cancelling a partnership

Follow the procedure below from the ActiveSync window on the PC if you want to cancel the partnership between your PC and PDA.

Procedure

1. **Click on [File]->"Delete partnership"**



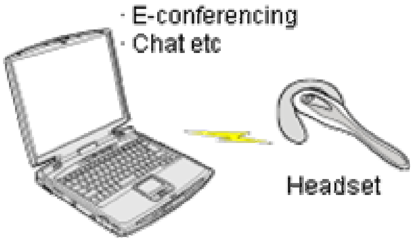
Click on the [Yes] button when the confirmation message appears.

Note

- If you wish to create another ActiveSync connection, you will have to repeat the above procedure to re-establish a partnership.

Using a headset to communicate [HSP]

This section provides a description of how to use a Bluetooth-compatible wireless headset to communicate (chat) using Microsoft NetMeeting or other software.

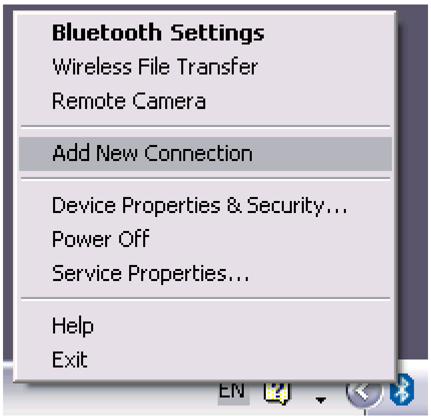


Registering the headset
Making a connection to the headset
Disconnecting from the headset

Registering the headset

Procedure

1. **Right-click on the Bluetooth icon in the tasktray, then click on [Add New Connection Wizard]**



Note

- Alternatively, you can click on [Start]>[All Programs]>[Bluetooth]>[Bluetooth Settings], then click on [New Connection] in the [Bluetooth Settings] screen that has opened.

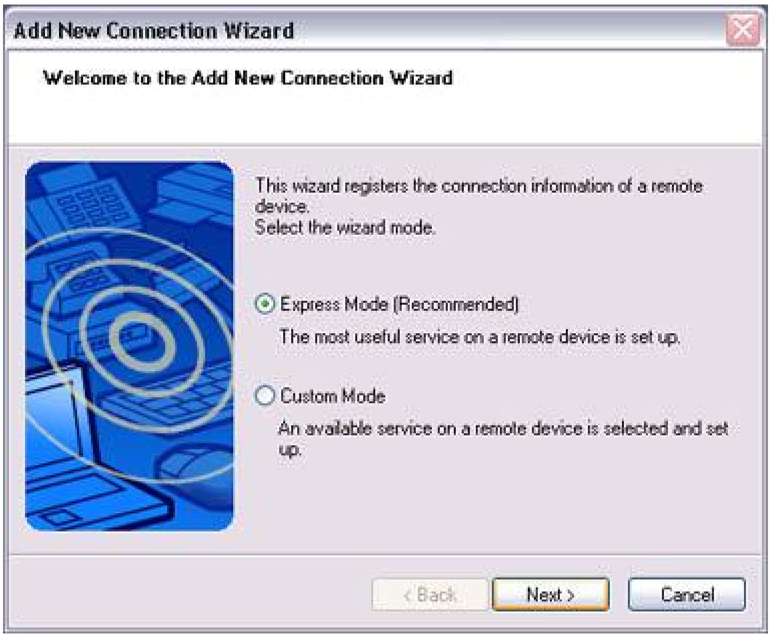
The [Add New Connection Wizard (Welcome to the Add New Connection Wizard)] screen will appear.

2. **Turn the headset power on**
   Once you have turned on the headset, set the mode to enable a Bluetooth connection.

Important

- The procedure for operating the headset may differ depending on the manufacturer and model.
  Please consult your user guide for a detailed description of how to operate the unit.

3. **Confirm that [Express Mode] has been selected, then click on the [Next] button**


Add New Connection Wizard

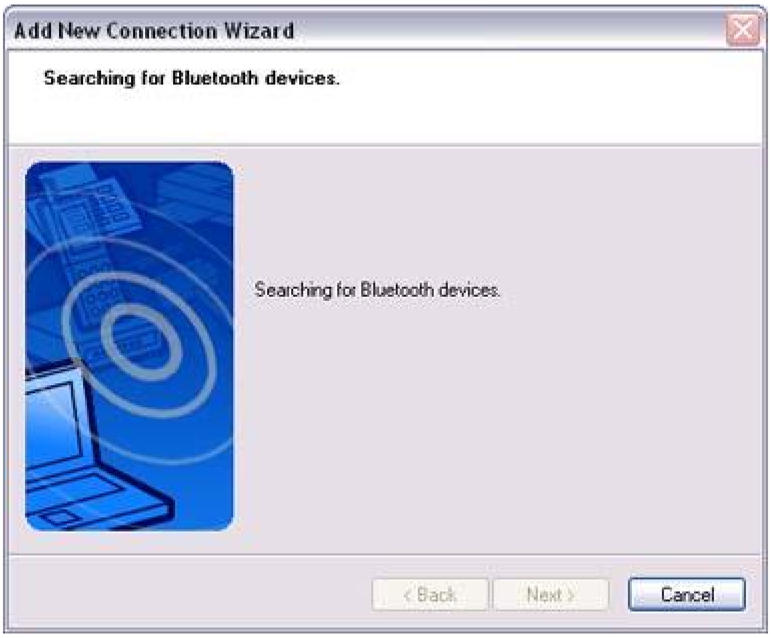
Welcome to the Add New Connection Wizard

This wizard registers the connection information of a remote device.
Select the wizard mode.

● Express Mode (Recommended)
The most useful service on a remote device is set up.

○ Custom Mode
An available service on a remote device is selected and set up.

The [Add New Connection Wizard (Searching for Bluetooth Devices)] screen will appear.

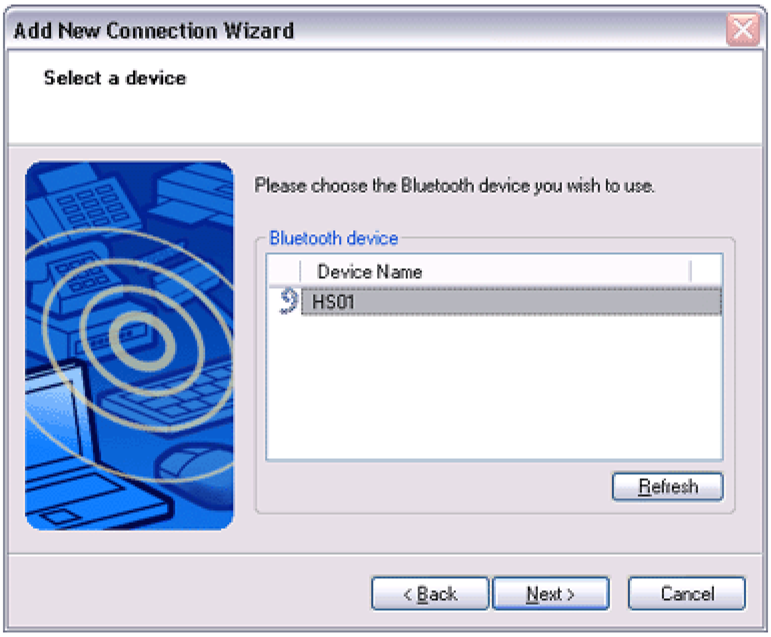

Add New Connection Wizard

Searching for Bluetooth devices.

Searching for Bluetooth devices.

Once the device search has been completed, the [Add New Connection Wizard (Select a Device)] screen will appear.

4. **Select the name of the headset device from the list, then click on the [Next] button**


Add New Connection Wizard

Select a device

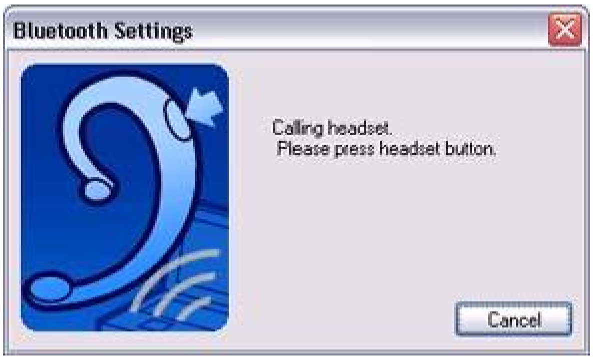
Please choose the Bluetooth device you wish to use.

Bluetooth device

Device Name
HS01

5. **Answering with the headset**

If the service has been properly detected, a screen will appear indicating that the headset is being called, and a tone will accordingly sound in the headset.


Bluetooth Settings

Calling headset.
Please press headset button.

Please press the headset switch.

Important

- The procedure for operating the headset may differ depending on the manufacturer and model. Please consult your user guide for a detailed description of how to operate the unit.

The [Add New Connection Wizard (Configuring (Connecting to Voice Circuit))] screen will appear, and device configuration will be performed.

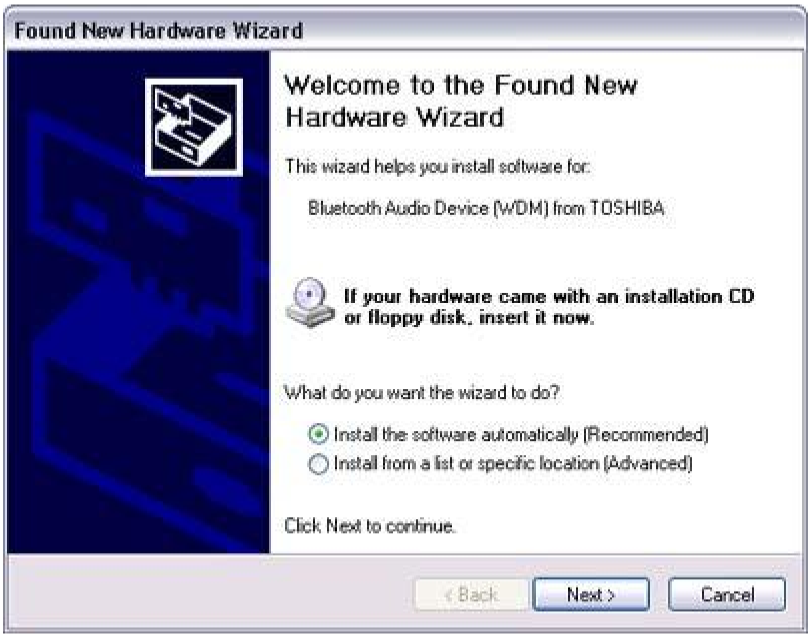
Note

- If you are connecting to the headset for the first time, or if another Bluetooth audio device has not yet been registered, the following [Found New Hardware

Wizard] screen will appear, from which you can proceed to install the driver.

If another audio device has already been registered (i.e., the driver has been installed), you can proceed to Step 9 without having to install the driver.

6. **Click on the [Next] button**



Welcome to the Found New Hardware Wizard

This wizard helps you install software for:

Bluetooth Audio Device (WDM) from TOSHIBA

If your hardware came with an installation CD or floppy disk, insert it now.

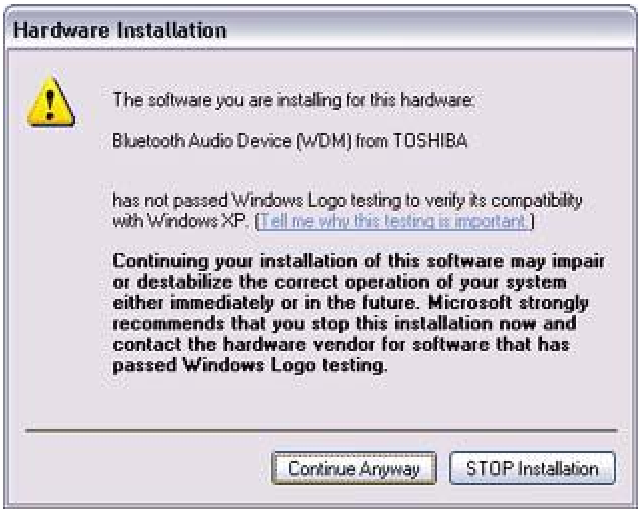
What do you want the wizard to do?

● Install the software automatically (Recommended)
○ Install from a list or specific location (Advanced)

Click Next to continue.

The [Install Hardware] screen will appear.

7. **Click on the [Continue Anyway] button**
The following screen will appear automatically. You may disregard it and click on the [Continue Anyway] button.



The software you are installing for this hardware:

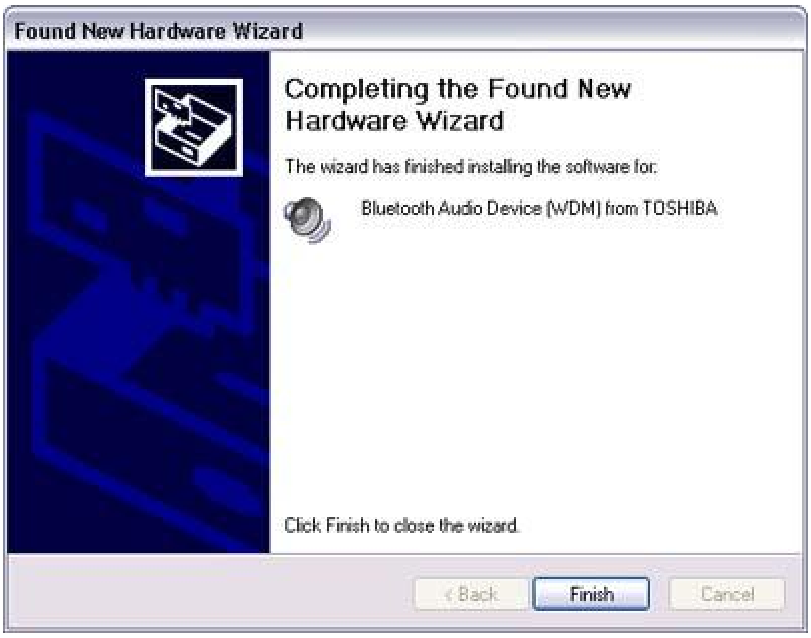
Bluetooth Audio Device (WDM) from TOSHIBA

has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)

Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.

The [Add New Connection Wizard (Completing the Found New Hardware Wizard)] screen, which is the final screen of the installation wizard, will appear.

8. **Click on the [Finish] button**


Found New Hardware Wizard
Completing the Found New Hardware Wizard
< Back
Finish
Cancel

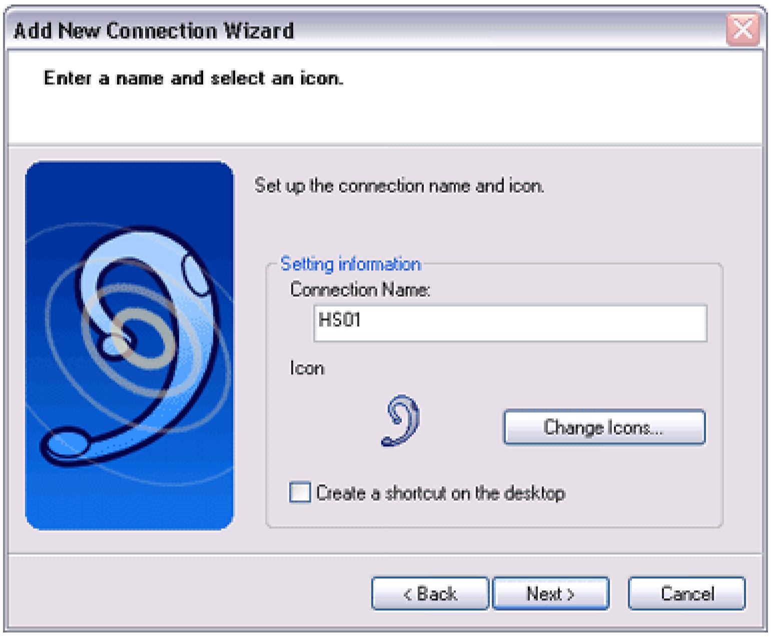
The wizard has finished installing the software for:

Bluetooth Audio Device (WDM) from TOSHIBA

Click Finish to close the wizard.

Once driver installation is complete, the [Add New Connection Wizard (Enter Connection Name)] will appear.

9. **Confirm the information you have entered, and click on the [Next] button**



Set up the connection name and icon.

Connection Name: HS01

☐ Create a shortcut on the desktop

The [Add New Connection Wizard (Completing the Add New Connection Wizard)] screen will appear.

10. **Click on the [Finish] button**

The configuration information will be registered, and an icon will be displayed in the [Bluetooth Settings] screen.

Making a connection to the headset

You can make a connection to the headset from an icon that has been registered in [Bluetooth Settings].

Important

- Before making a connection to the headset, please check that you have turned on the headset's power, and that it has been enabled for a Bluetooth connection.

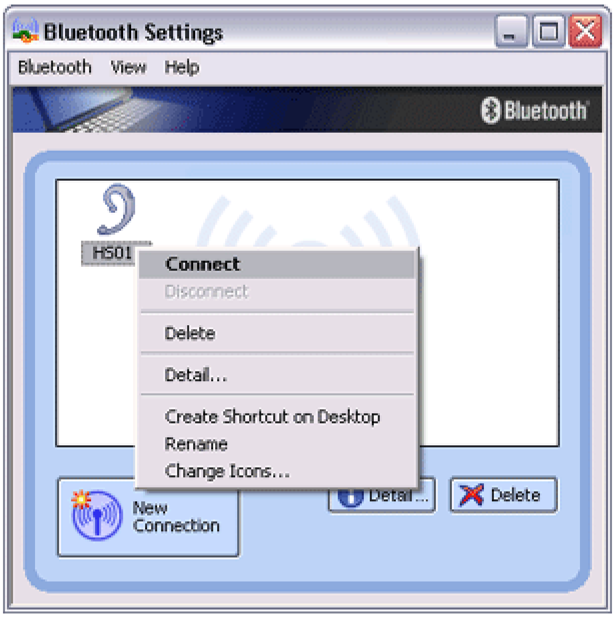
Please ensure that the following audio-related applications have been closed before you connect the headset to your PC.

- Windows Media Player, BeatJam, InterVideo WinDVD and other music/audio playback software
- Windows Messenger and other e-conferencing software

If you wish to use these applications, please terminate the headset connection before you launch them.

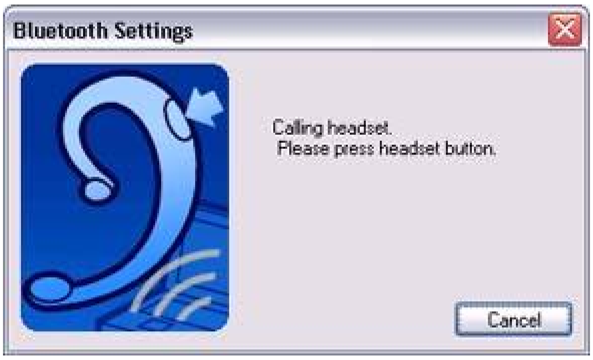
Procedure

1. **Right-click on the headset icon, then click on [Connect].**



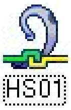
2. **Answer with the headset**

A screen will appear indicating that the headset is being called, and a tone will accordingly sound in the headset.
Please press the headset switch.



Calling headset.
Please press headset button.

If the connection has been properly established, the icon's appearance will change to indicate a connected state.



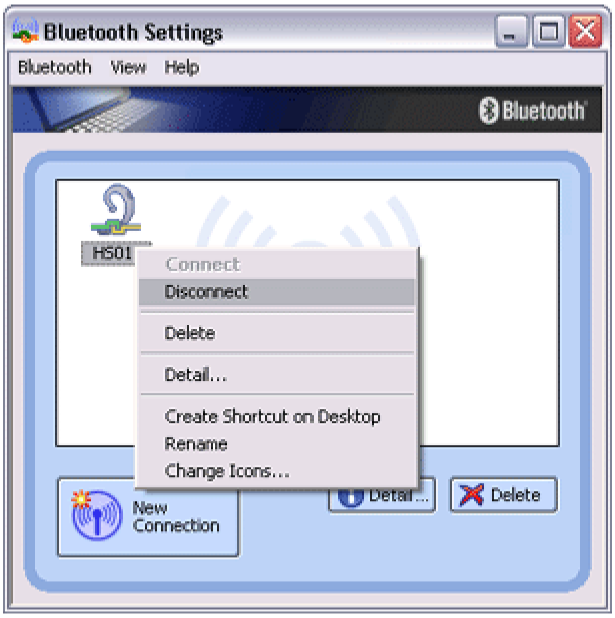
You may now launch conferencing and voice-recognition software and use the headset.

- Disconnecting from the headset

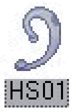
Please follow the steps below to disconnect from the headset.

Procedure

1. **Right-click on the headset icon in the [Bluetooth Settings] screen, then click on [Disconnect].**

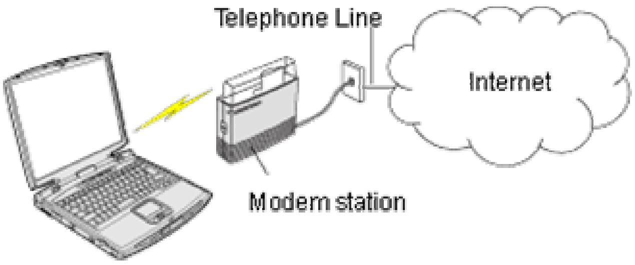


A message will appear, requesting confirmation that you wish to disconnect. Click on the [Yes] button.
The icon on the [Bluetooth Settings] screen will appear as shown below, indicating that the device has been disconnected.



Connecting to the Internet using a modem station [DUN]

You can use a Bluetooth wireless modem to connect to the Internet via a telephone line.



[Setting up the modem station](#)
[Connecting to the Internet](#)

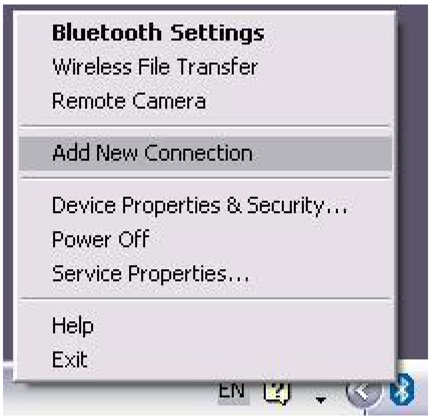
Important

- In order to connect to the Internet, you must have already signed up with a provider and obtained a connection ID and password. Please ensure you have confirmed the ID, password and telephone number of your provider's access point before you begin the set-up process.
- Please refer to your instruction manual for information on connecting the modem station to a telephone line.
- A Bluetooth passkey (PIN code) is required for you to connect to the modem station. Please make a note of your Bluetooth passkey before you start the set-up process.

Setting up the modem station

Procedure

1. **Turn on the wireless modem station**
2. **Right-click the Bluetooth icon in the task tray, and then click on [Add New Connection]**

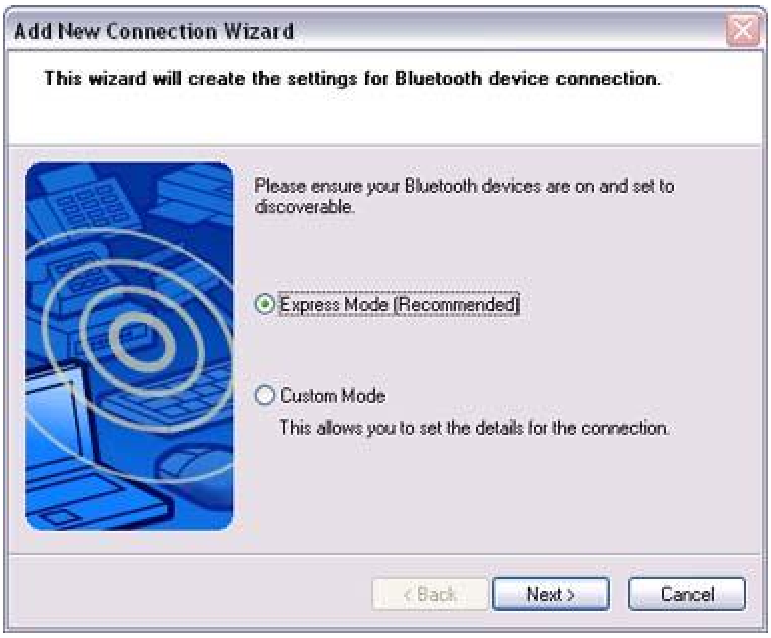


Note

- o Alternatively, click [Start]->[All Programs]->[Bluetooth]->[Bluetooth Settings], and then click on [New Connection] from the active [Bluetooth Settings] window.

The [Add New Connection Wizard (Welcome to the Add New Connection Wizard)] window will appear.

3. **Confirm that [Express Mode] has been selected, and then click on the [Next] button**


Add New Connection Wizard

This wizard will create the settings for Bluetooth device connection.

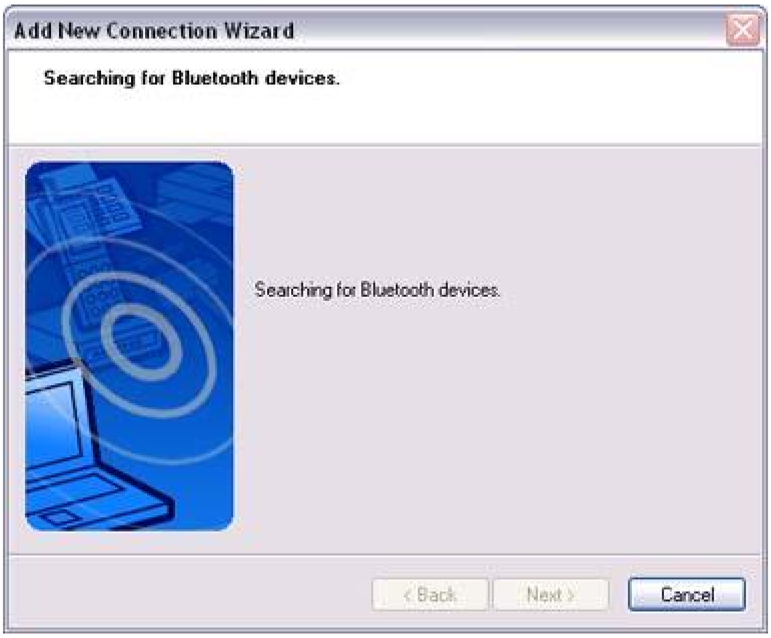
Please ensure your Bluetooth devices are on and set to discoverable.

● Express Mode (Recommended)

○ Custom Mode

This allows you to set the details for the connection.

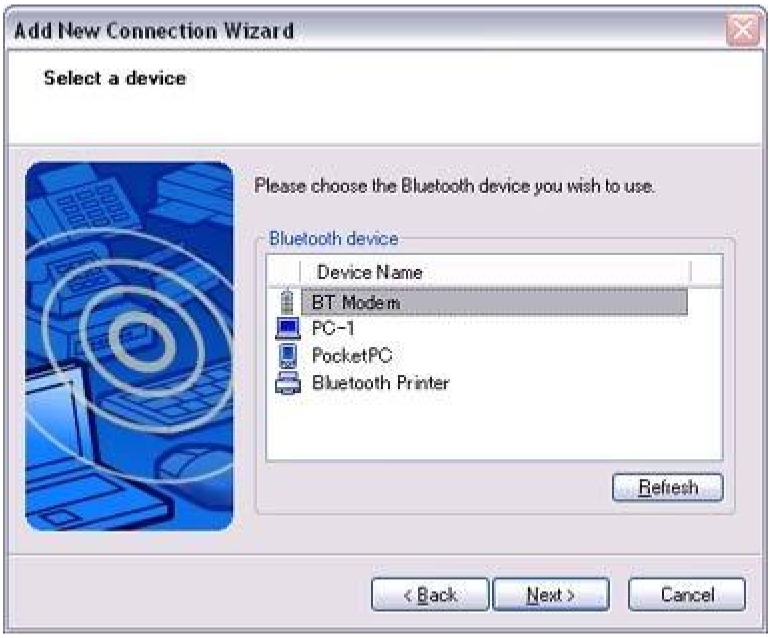
The [Add New Connection Wizard (Searching for Bluetooth devices)] window will appear.


Add New Connection Wizard

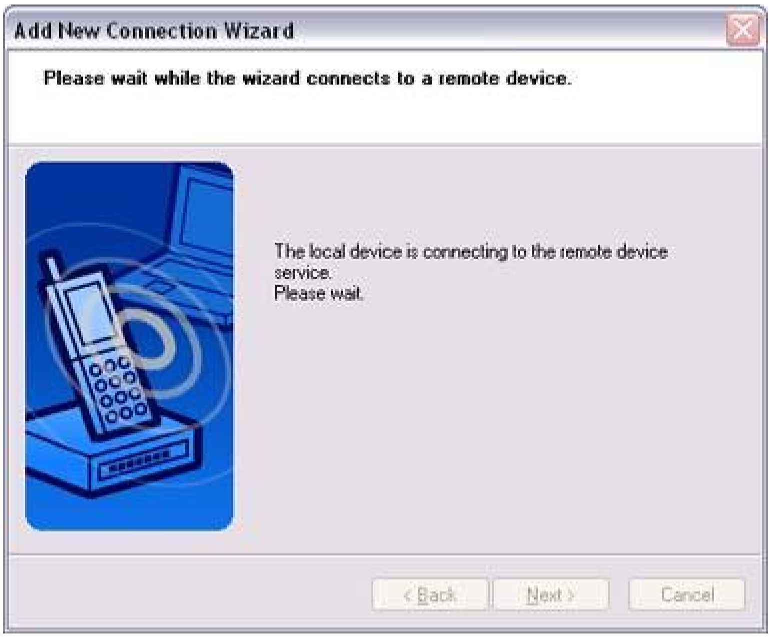
Searching for Bluetooth devices.

Searching for Bluetooth devices.

4. **Select the device name of the wireless modem station from [Device List], and then click on the [Next] button**



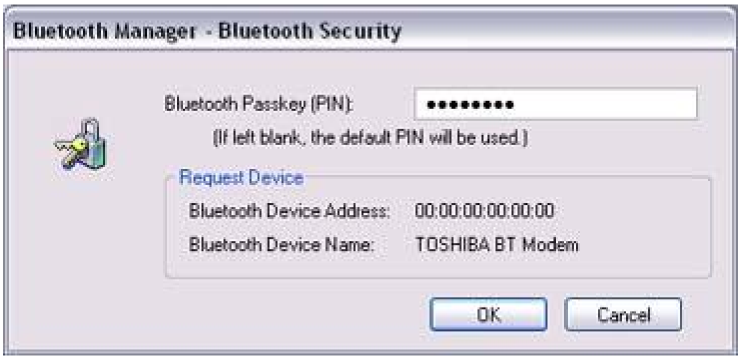
The [Add New Connection Wizard (Searching for Services)] window will appear.


Add New Connection Wizard
Please wait while the wizard connects to a remote device.
< Back
Next >
Cancel

The local device is connecting to the remote device service.
Please wait.

Once a service has been detected successfully, connection to the device and COM port creation will be performed automatically, after which the [Add New Connection Wizard (Modem Settings)] window will appear.

5. **If you are connecting to a wireless modem station for the first time, enter the passkey for the modem station under [Bluetooth Passkey (PIN code)], and then click on the [OK] button**


Bluetooth Manager - Bluetooth Security

Bluetooth Passkey (PIN): ●●●●●●●●●

(If left blank, the default PIN will be used.)

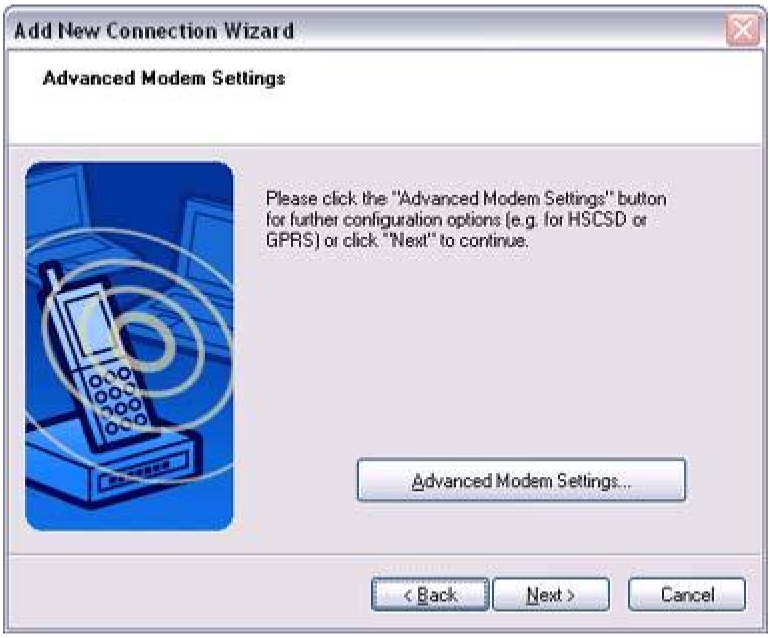
Request Device

Bluetooth Device Address: 00:00:00:00:00:00

Bluetooth Device Name: TOSHIBA BT Modem

Once the program has finished searching for the devices, the [Add New Connection Wizard (Device Selection)] window will appear.

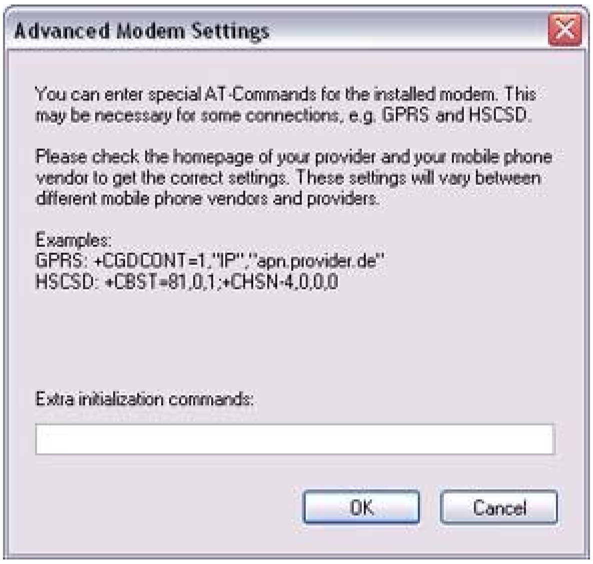
6. **Click on the [Next] button**


Add New Connection Wizard

Advanced Modem Settings

Please click the "Advanced Modem Settings" button for further configuration options (e.g. for HSCSD or GPRS) or click "Next" to continue.

Certain modems require you to configure initialization commands separately.
Please click on the [Additional initialization Command Settings] button, enter the initialization commands in the following window, and then click on the [OK] button.



You can enter special AT-Commands for the installed modem. This may be necessary for some connections, e.g. GPRS and HSCSD.

Please check the homepage of your provider and your mobile phone vendor to get the correct settings. These settings will vary between different mobile phone vendors and providers.

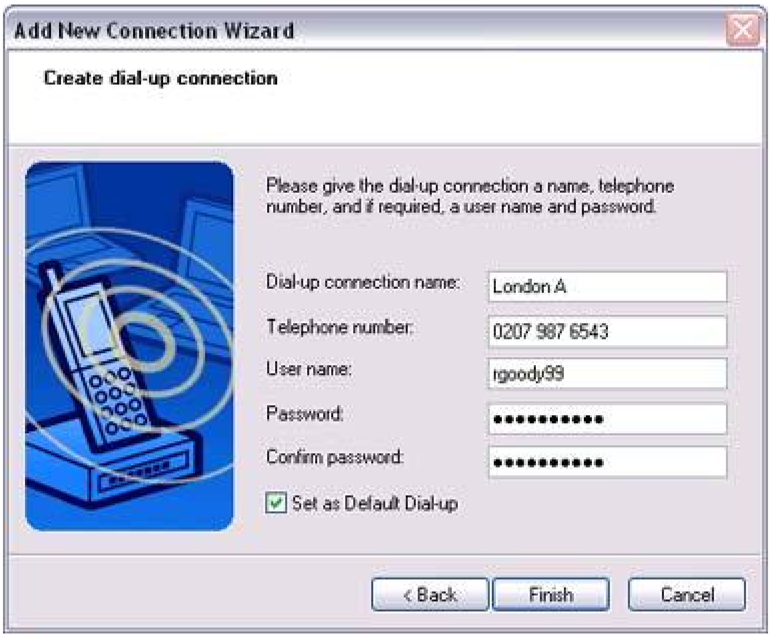
Examples:
GPRS: +CGDCONT=1,"IP","apn.provider.de"
HSCSD: +CBST=81,0,1;+CHSN-4,0,0,0

Extra initialization commands:

Note

- Please refer to the modem or mobile phone instruction manual for further details on the initialization commands.

7. **Enter the connection name (optional), telephone number (of your provider's access point), user name and password (as issued by your provider), and then click on the [Finish] button.**



Please give the dial-up connection a name, telephone number, and if required, a user name and password.

Dial-up connection name: London A
Telephone number: 0207 987 6543
User name: rgoody99
Password: ●●●●●●●●●●●
Confirm password: ●●●●●●●●●●●
☑ Set as Default Dial-up

Important

- The sample entries shown in the window are provided solely for purpose of explanation. Please use your own telephone number, ID and password according to the arrangement with your provider.

The settings will be registered, and an icon will appear in the [Bluetooth Settings] window.

Connecting to the Internet

You can connect to the Internet by following the procedure below if the connection destination registered when you configured the wireless modem has been set as the default connection destination.

1. **Start your browser, e-mail application or other application**

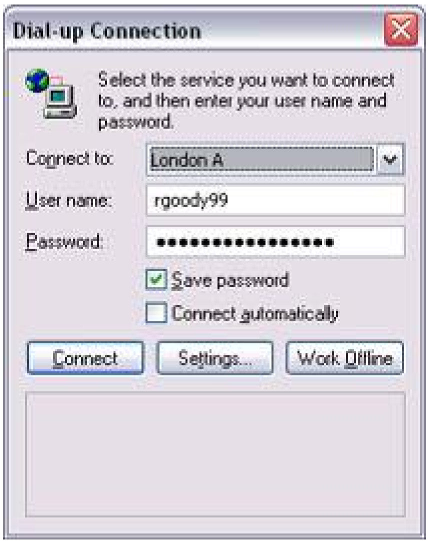
   Important

   - Please enter the e-mail settings separately if you are going to use e-mail (the set-up method will vary with the application).

2. **Enter the URL of the Web page you wish to display and then press the [Enter] key, or use the e-mail tool to send/receive items or perform other activities.**

   The [Dial-up Connection] window will appear.

3. **Click on the [Connect] button**



Dial-up Connection

Select the service you want to connect to, and then enter your user name and password.

Connect to: London A

User name: rgoody99

Password: ••••••••••••••••

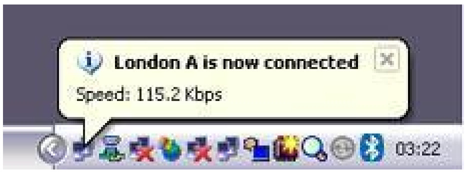
☑ Save password

☐ Connect automatically

Important

- A connection will be automatically established with the modem station if COM Auto Connect is available. If COM Auto Connect is not available, please manually connect to the modem station.

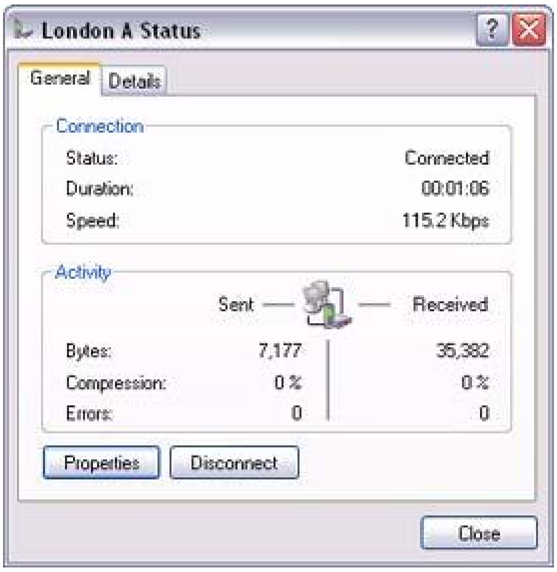
The following message will appear once you have connected to the Internet.


London A is now connected

Speed: 115.2 Kbps

4. **End the connection**

The window below will appear if you double-click on the icon in the task bar.


London A Status

Connection

Status: Connected

Duration: 00:01:06

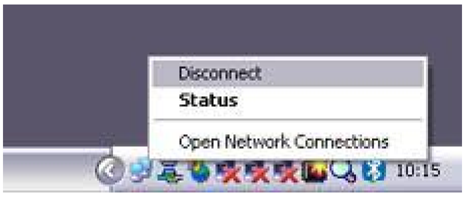
Speed: 115.2 Kbps

Activity

	Sent	Received
Bytes:	7,177	35,382
Compression:	0 %	0 %
Errors:	0	0

Please click on the [Disconnect] button when you want to disconnect from the Internet.

Alternatively, please right-click on the icon, and then click on [Disconnect].

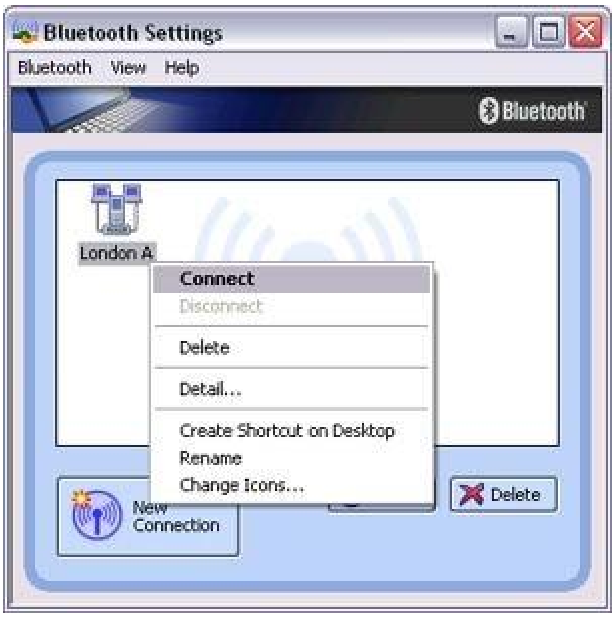


Note

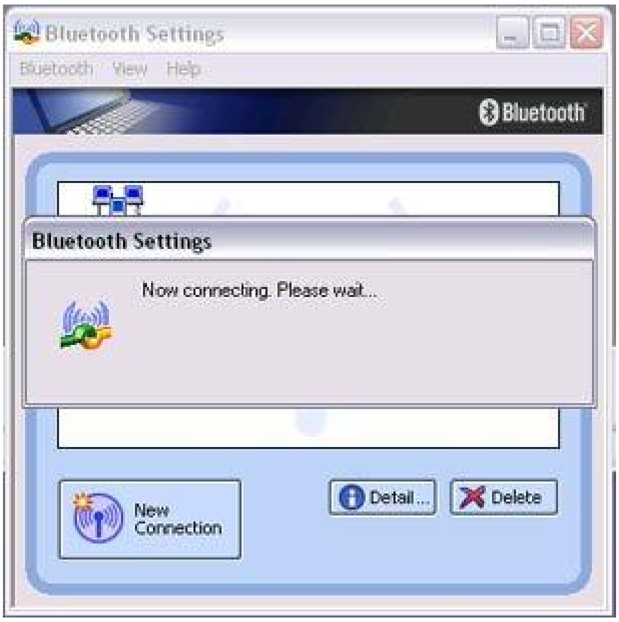
- You can start an application to make an automatic connection to the Internet, but you can also make a manual connection using the connection destination icon.
  The procedure is described below.

1. **From the [Bluetooth Settings] window, right-click on the connection destination icon, and then click on [Connect] from the**

menu that appears

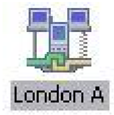


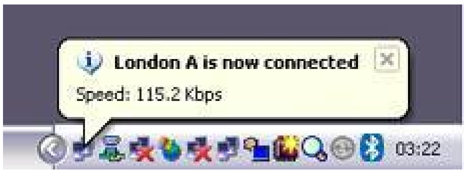
A window indicating that the connection is being established will appear.



Now connecting. Please wait...

If the connection has been established successfully, the connection icon and task tray will appear as shown below.




London A is now connected
Speed: 115.2 Kbps

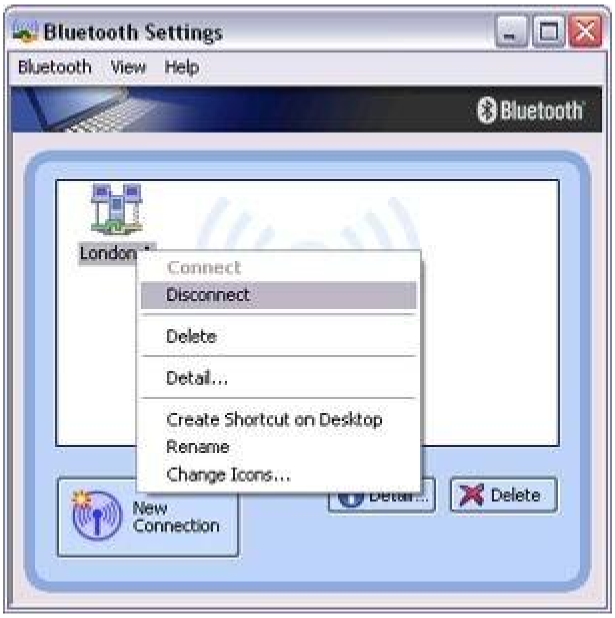
You will be able to browse Web pages using your browser and send and receive e-mail.

Important

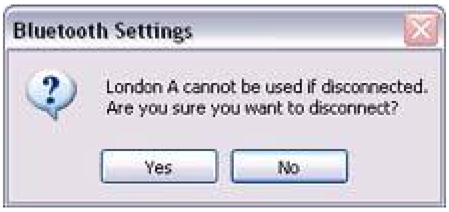
- Please enter the e-mail settings separately if you are going to use e-mail (the set-up method will vary with the application).

2. **End the connection**

Right-click on the icon, and then click [Disconnect] to end the connection.



The following message will appear. Click on the [Yes] button.

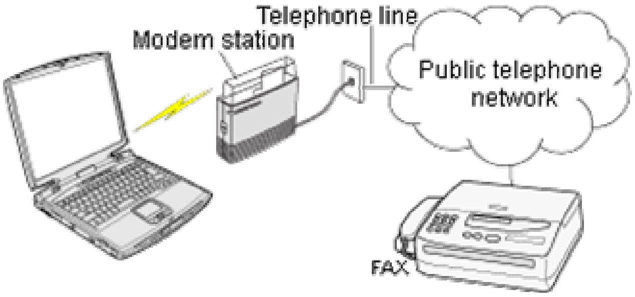


London A cannot be used if disconnected.
Are you sure you want to disconnect?

When the icon appears as shown below, the connection will have ended.

Using a modem station for fax transmissions [FAX]

This section describes how to send a fax using a Bluetooth wireless modem station.



Setting up the modem station
Installing a modem
Setting fax information
Sending a fax
Receiving a fax

Important

- Please refer to the modem station instruction manual for information on how to connect the station to a telephone line.
- Please ensure that any drivers used to connect the PC to the modem have been installed.
- A Bluetooth passkey (PIN code) is required for you to connect to the modem station. Please make a note of your Bluetooth passkey before you start the set-up process.
- A fax application is required for you to be able to send and receive faxes. The description below is based on a example using Microsoft Fax, which is installed with Windows XP as standard.
  If you are going to use a commercially available fax application, then please refer to the manual that came with the application for information on how to send and receive faxes.

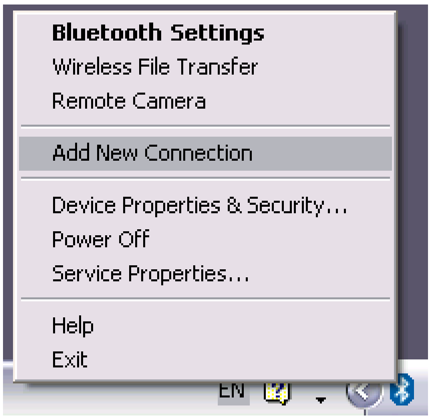
Setting up the modem station

Set up and register the modem station as a fax service.

Procedure

1. **Turn on the wireless modem station**

2. **Right-click on the Bluetooth icon in the task tray, and then click on [Add New Connection]**

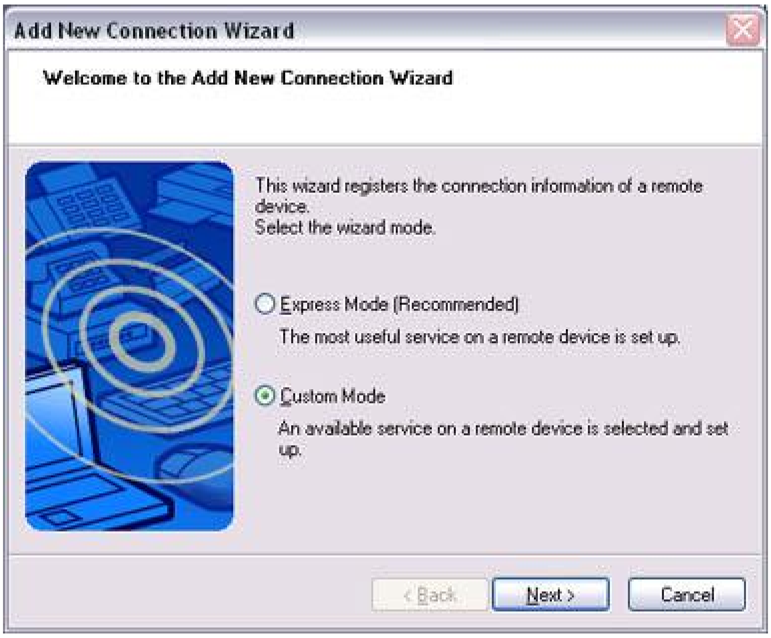


Note

- Alternatively, click [Start]->[All Programs]->[Bluetooth]->[Bluetooth Settings], and then click on [New Connection] from the active [Bluetooth Settings] window.

The [Add New Connection Wizard (Welcome to the Add New Connection Wizard)] window will appear.

3. **Select [Custom Mode], and then click on the [Next] button**

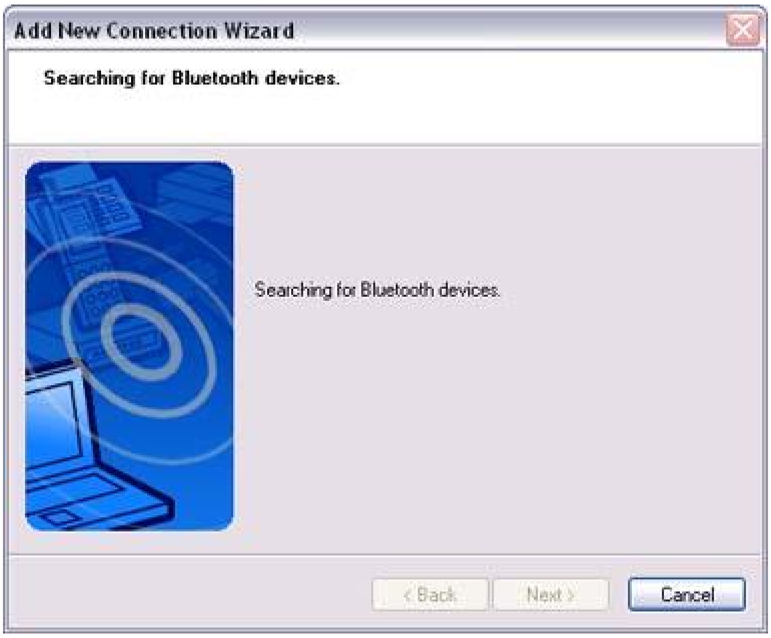

Add New Connection Wizard
Welcome to the Add New Connection Wizard

This wizard registers the connection information of a remote device.
Select the wizard mode.

○ Express Mode (Recommended)
The most useful service on a remote device is set up.

● Custom Mode
An available service on a remote device is selected and set up.

The [Add New Connection Wizard (Searching for Bluetooth devices)] window will appear.

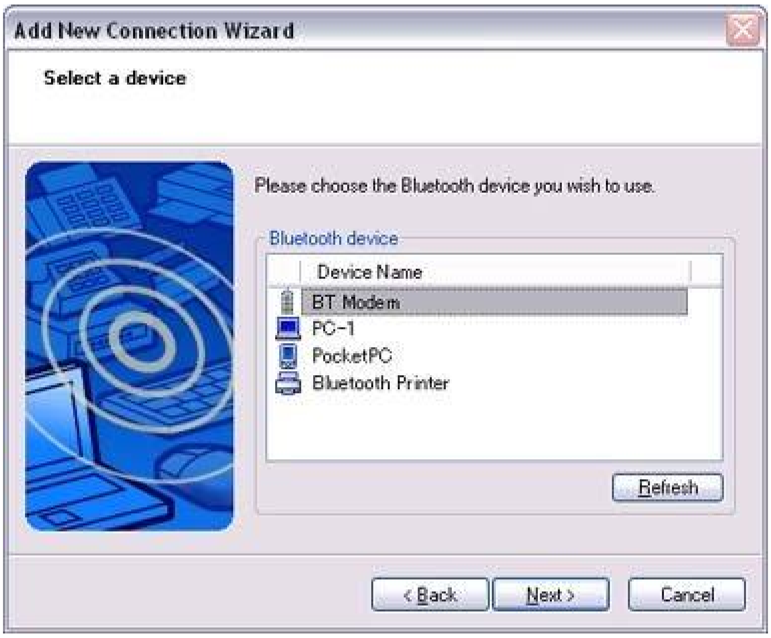


Searching for Bluetooth devices.

Searching for Bluetooth devices.

Once the program has finished searching for the devices, the [Add New Connection Wizard (Select Device)] window will appear.

4. **Select the device name of the wireless modem station from [Device List], and then click on the [Next] button**

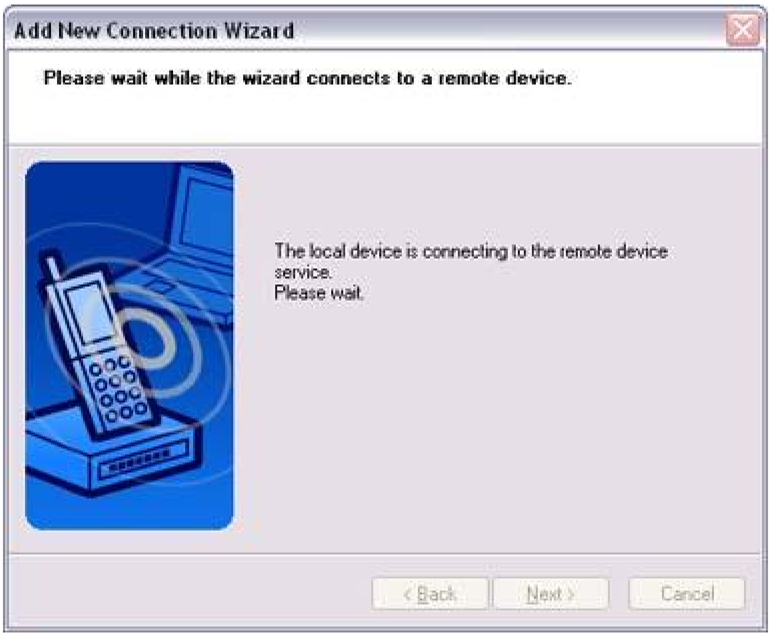


Select a device

Please choose the Bluetooth device you wish to use.

Device Name
BT Modem
PC-1
PocketPC
Bluetooth Printer

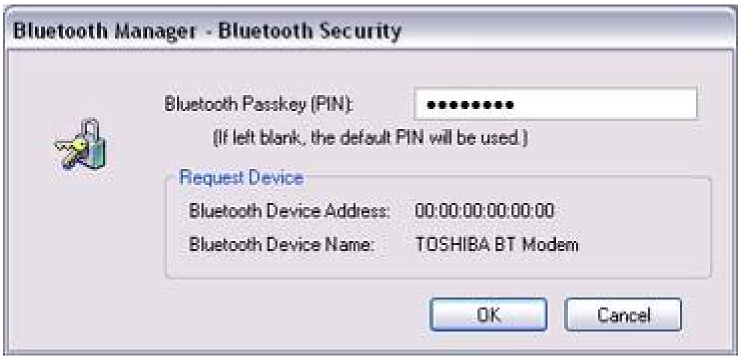
The [Add New Connection Wizard (Searching for Services)] window will appear.


Add New Connection Wizard

Please wait while the wizard connects to a remote device.

The local device is connecting to the remote device service.
Please wait.

5. **If you are connecting to the wireless modem station for the first time, enter the passkey for the device from the [Bluetooth Passkey (PIN Code)] window, and then click on the [OK] button**


Bluetooth Manager - Bluetooth Security

Bluetooth Passkey (PIN): ●●●●●●●●●

(If left blank, the default PIN will be used.)

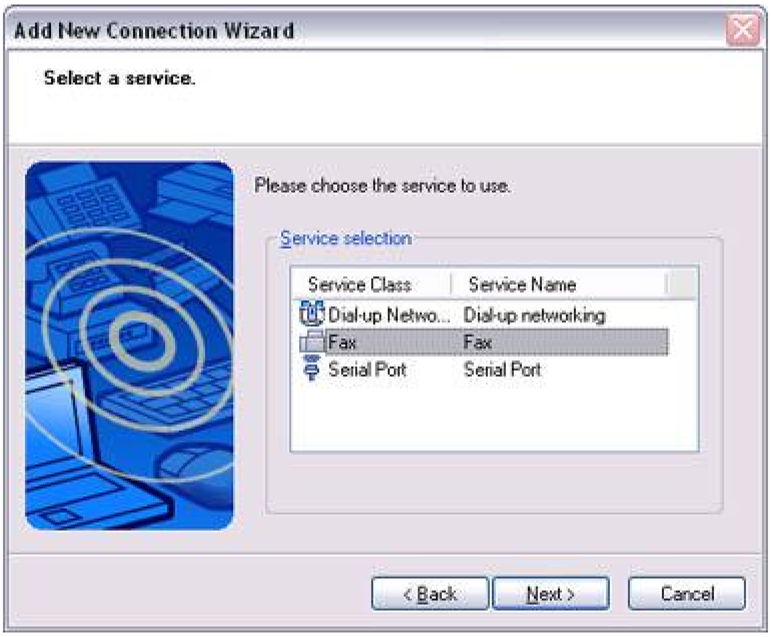
Request Device

Bluetooth Device Address: 00:00:00:00:00:00

Bluetooth Device Name: TOSHIBA BT Modem

Once the program has finished searching for the services, the [Add New Connection Wizard (Select Service)] window will appear.

6. **Select "Fax" under [Select Service], and then click on the [Next] button**



Add New Connection Wizard

Select a service.

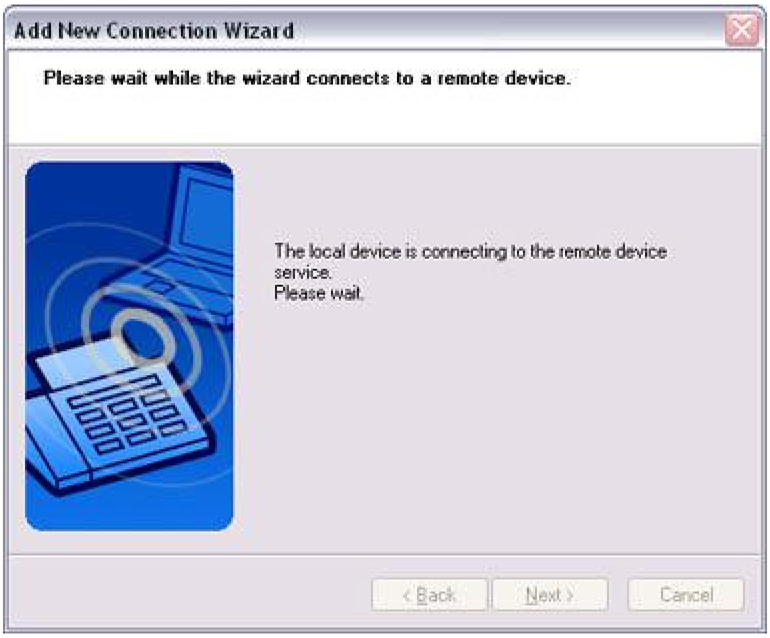
Please choose the service to use.

Service selection

Service Class	Service Name
Dial-up Netwo...	Dial-up networking
Fax	Fax
Serial Port	Serial Port

The [Add New Connection Wizard (Connecting to Remote Device)] screen will appear.

The COM port and modem registration process will then be automatically performed.



Add New Connection Wizard

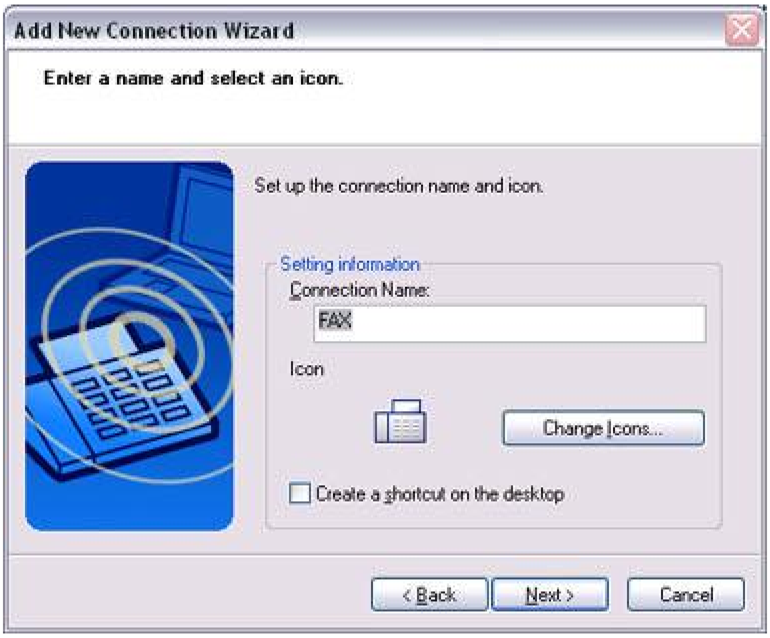
Please wait while the wizard connects to a remote device.

The local device is connecting to the remote device service.
Please wait.

Once the COM port and modem (standard 33600 bps type) registration is complete,
the [Add New Connection Wizard (Setting Connection Name)] screen will appear.

7. **Configure the type and name of the icon to appear after registration, and click on the [Next] button.**

Please click only on the [Next] button once you are satisfied with the configuration.



Add New Connection Wizard

Enter a name and select an icon.

Set up the connection name and icon.

Setting information

Connection Name: FAX

Icon

☐ Create a shortcut on the desktop

The [Add New Connection Wizard (Completing the Add New Connection Wizard)] screen will appear.

8. **Click on the [Finish] button**

The settings will be registered, and the icon will appear on the [Bluetooth Settings] screen.

Setting FAX information

Configure send/receive settings and register fax information.

Procedure

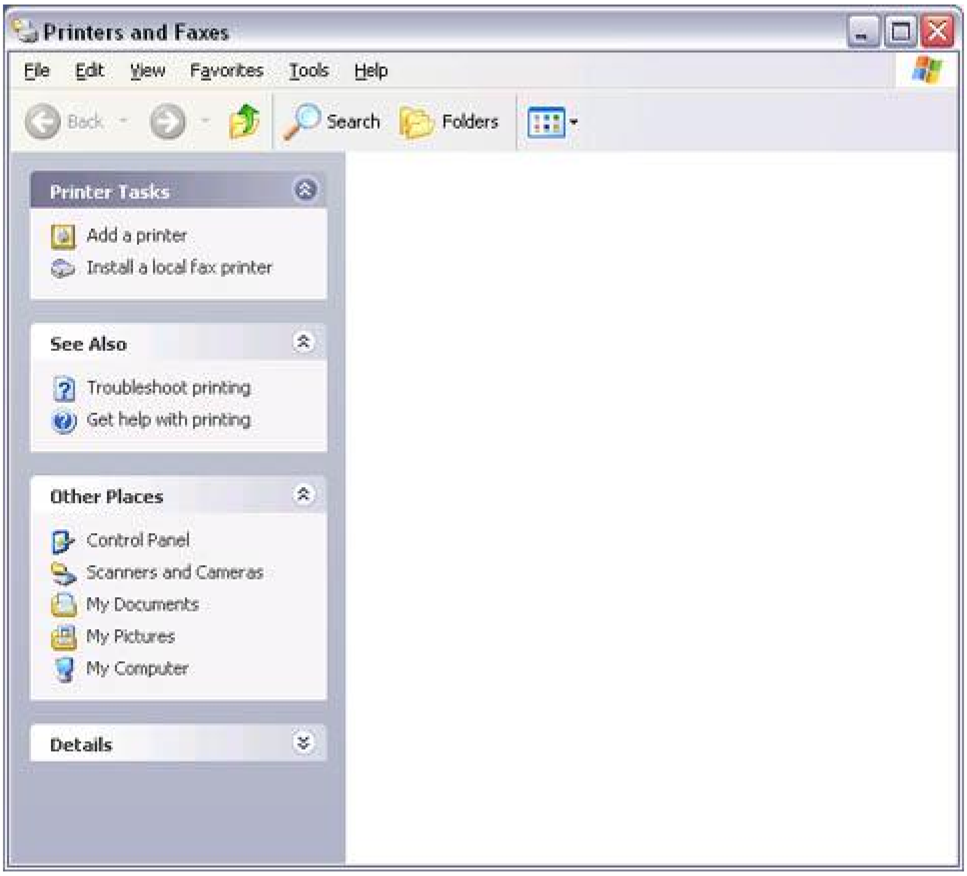
1. **Select [Start]->[Control Panel], and then double-click on the [Printers and Other Hardware] icon**

Note

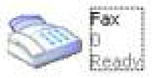
- If the control panel is displayed in "Classic view", and you use Windows 2000, please start from Step (2).

2. **Double-click on the [Printers and Faxes] icon**
The [Printers & Faxes] window will appear.

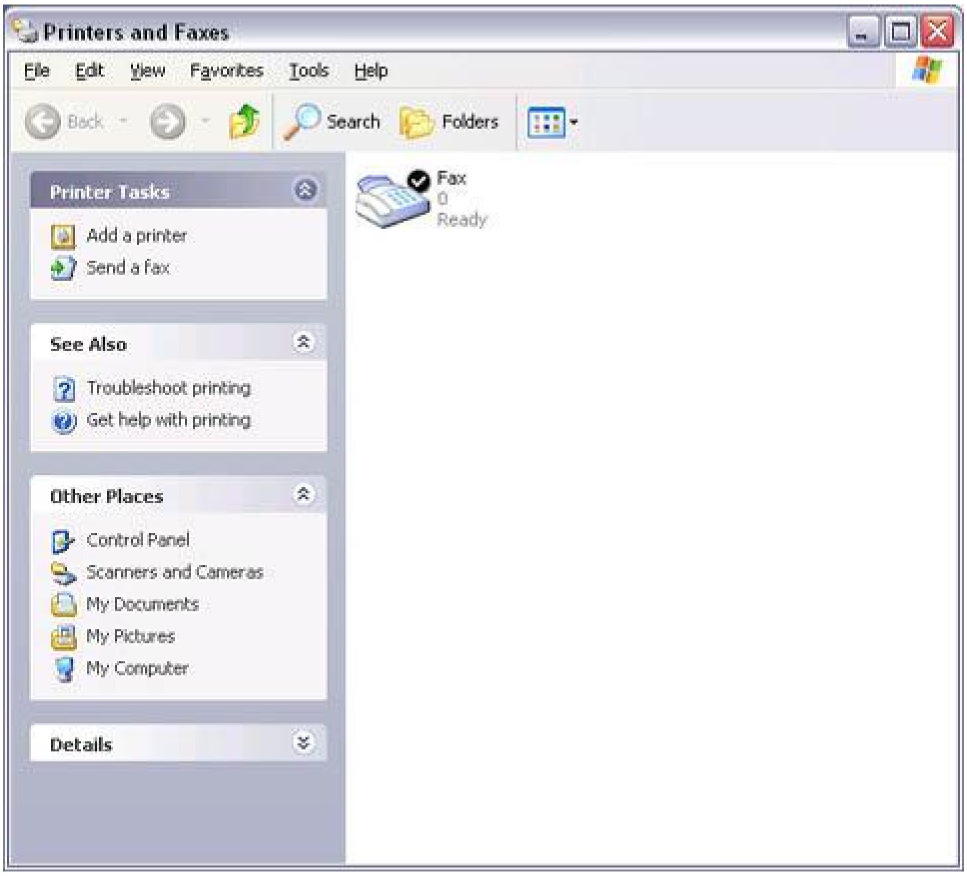
3. **Click on "Install a local fax printer" in the [Printers and Faxes] window**



A window showing installed programs will appear, and a Fax icon will have been created in the [Printers and Faxes] screen.



4. **Click on "Send a fax" under "Printer Tasks" on the left side of the window**

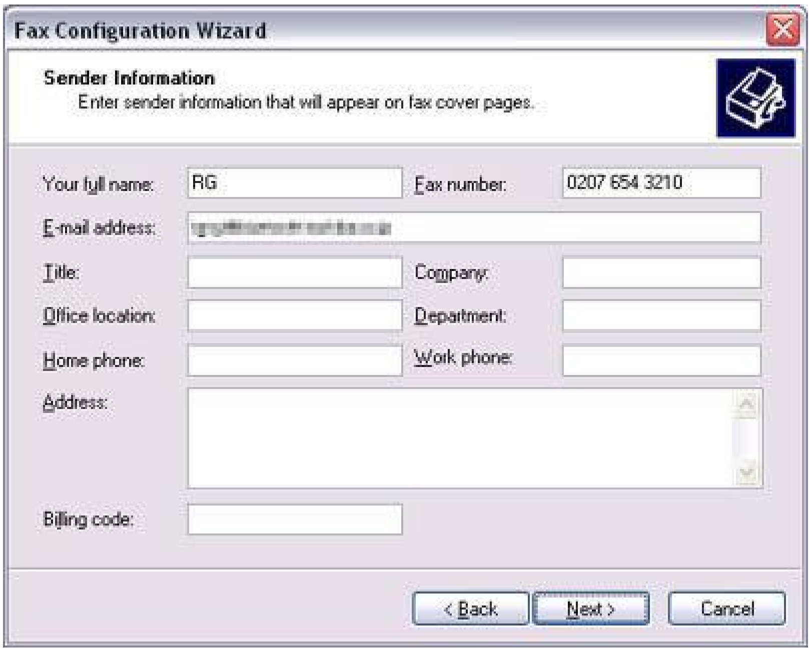


If you have not yet configured a fax device, the [Fax Configuration Wizard] window will appear. In the window you can enter settings pertaining to the sender (yourself).

Note

- If the fax configuration information has already been registered, the [Send Fax Wizard] window, which can be viewed under "Sending a fax" below, will appear instead of the [Fax Configuration Wizard] window.

5. **Enter the sender information, and click on the [Next] button**



Fax Configuration Wizard

Sender Information

Enter sender information that will appear on fax cover pages.

Your full name: RG

Fax number: 0207 654 3210

E-mail address: [redacted]

Title:

Company:

Office location:

Department:

Home phone:

Work phone:

Address:

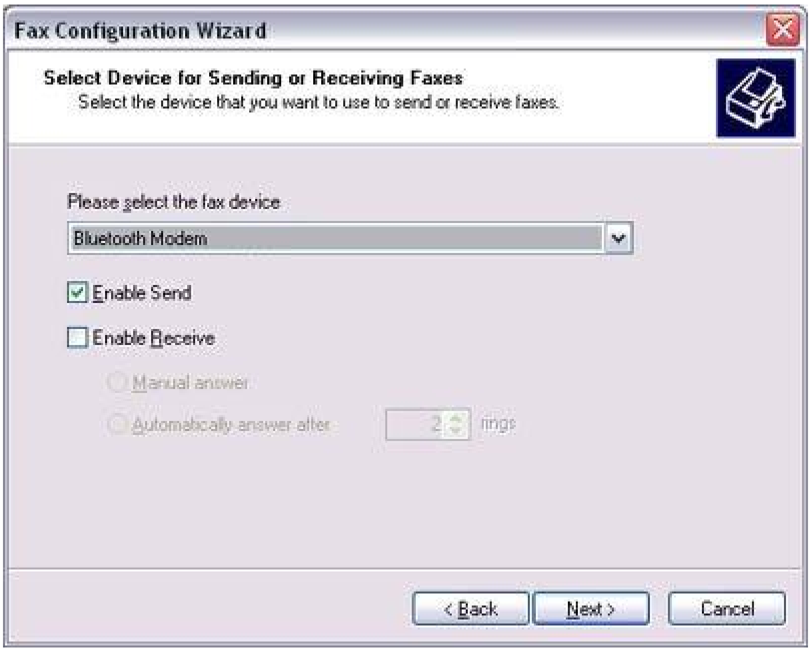
Billing code:

Note

- The sender information that you configure here will be automatically appended as header information when you send a fax.

The [Fax Configuration Wizard (Select Device for Sending or Receiving Faxes)] window will appear.

6. **Select a device to be used for fax transmissions, enable the device for sending or receiving, and then click on the [Next] button**



Fax Configuration Wizard

Select Device for Sending or Receiving Faxes

Select the device that you want to use to send or receive faxes.

Please select the fax device: Bluetooth Modem

☑ Enable Send

☐ Enable Receive

○ Manual answer

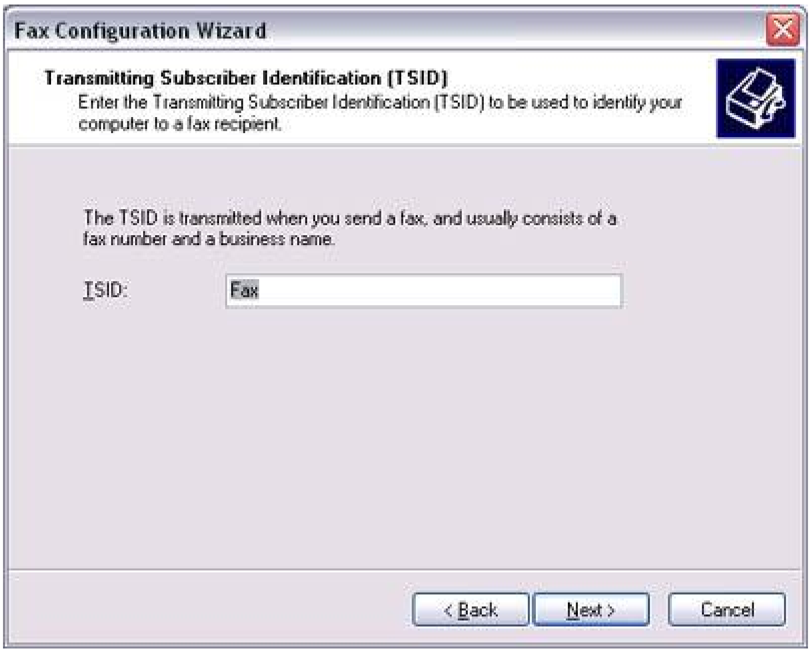
○ Automatically answer after 2 rings

Note

- If [Enable Receive] is selected, the device will be on standby for receiving faxes even if it is not sending or receiving anything, and therefore will be in continuous connection to the wireless modem (when COM Auto Connect is on).
  Please decide whether to select this option based on the desired objective and/or frequency of transmission.

The [Fax Configuration Wizard (Transmitting Subscriber Identification (TSID))] window will appear.

7. **Click on the [Next] button**
   It is important that you do not change the transmitter subscriber identification.



Fax Configuration Wizard

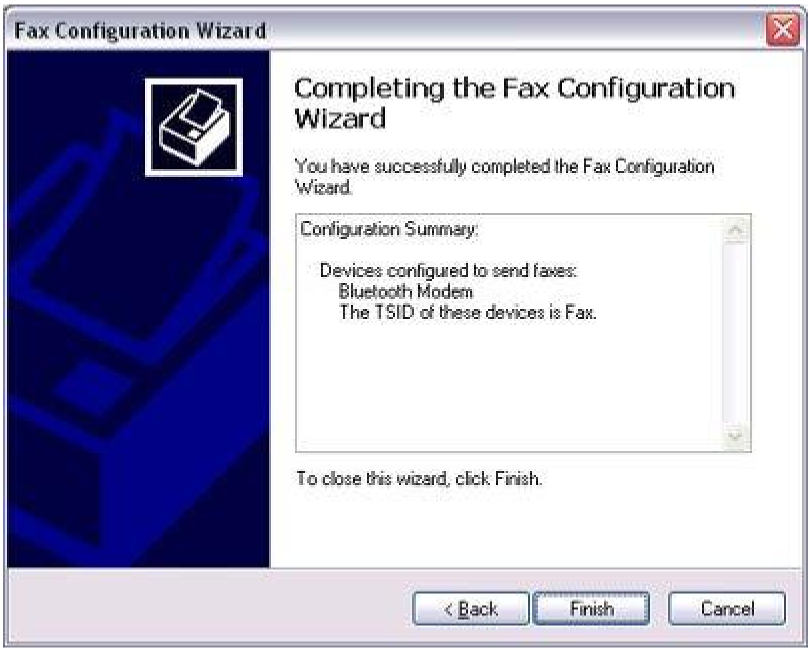
Transmitting Subscriber Identification (TSID)
Enter the Transmitting Subscriber Identification (TSID) to be used to identify your computer to a fax recipient.

The TSID is transmitted when you send a fax, and usually consists of a fax number and a business name.

TSID: Fax

The [Fax Configuration Wizard (Completing the Fax Configuration Wizard)] window will appear.

8. **Click on the [Finish] button**



Completing the Fax Configuration Wizard

You have successfully completed the Fax Configuration Wizard.

Configuration Summary:

Devices configured to send faxes:
Bluetooth Modem
The TSID of these devices is Fax.

To close this wizard, click Finish.

The fax information will be have been registered, and the [Fax Console] window will appear.

This will complete the fax set-up process.

Related topics: "Sending a fax" and "Receiving a fax"

Sending a fax

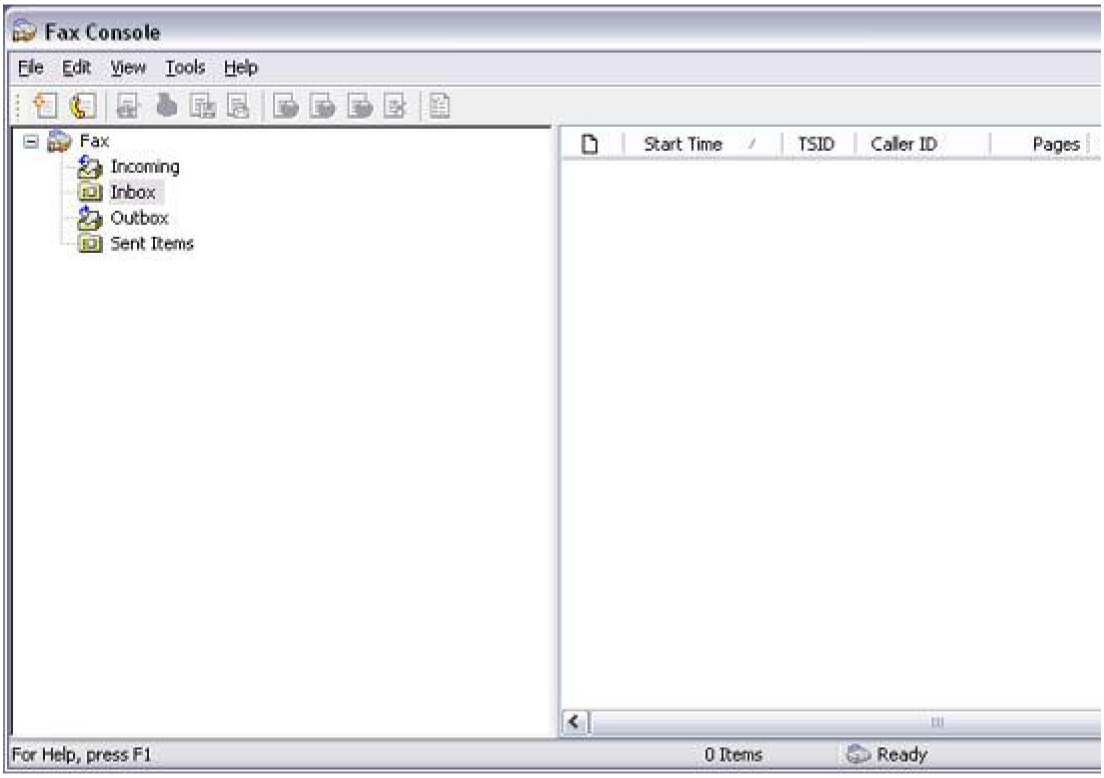
This section describes how to send a fax from the Fax Console.

Important

- The Fax service must be enabled for sending in order for you to send a fax.
  Please refer to "Using a wireless modem station" under "Troubleshooting" for how to change the send and receive settings once the service has been configured.

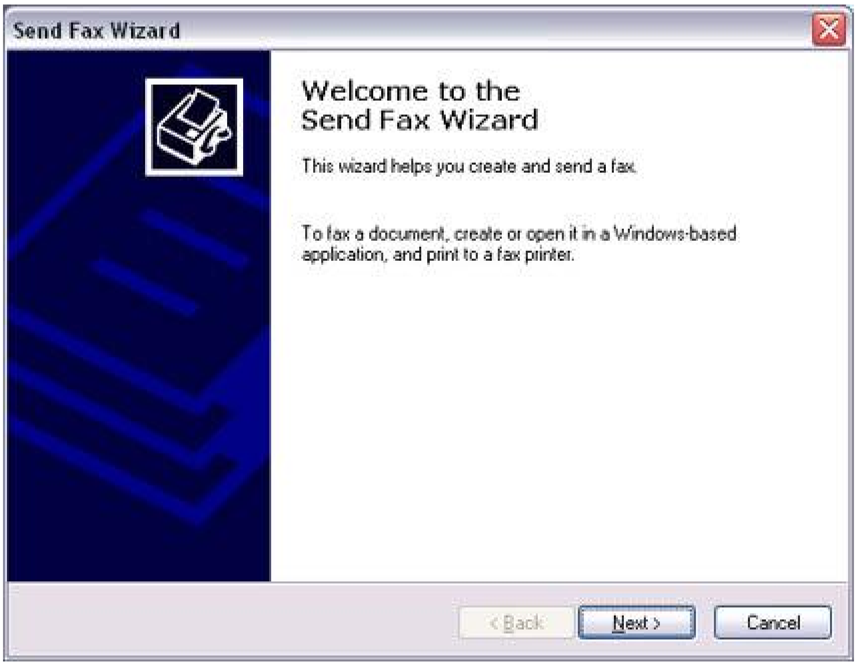
Procedure

1. **Double-click on the [Fax] icon in the Control Panel**
   The [Fax Console] window will appear.



2. **In the [Fax Console] window, click [File]->[Send fax]**
   The [Send Fax Wizard (Starting the Send Fax Wizard)] window will appear.

3. **Click on the [Next] button**



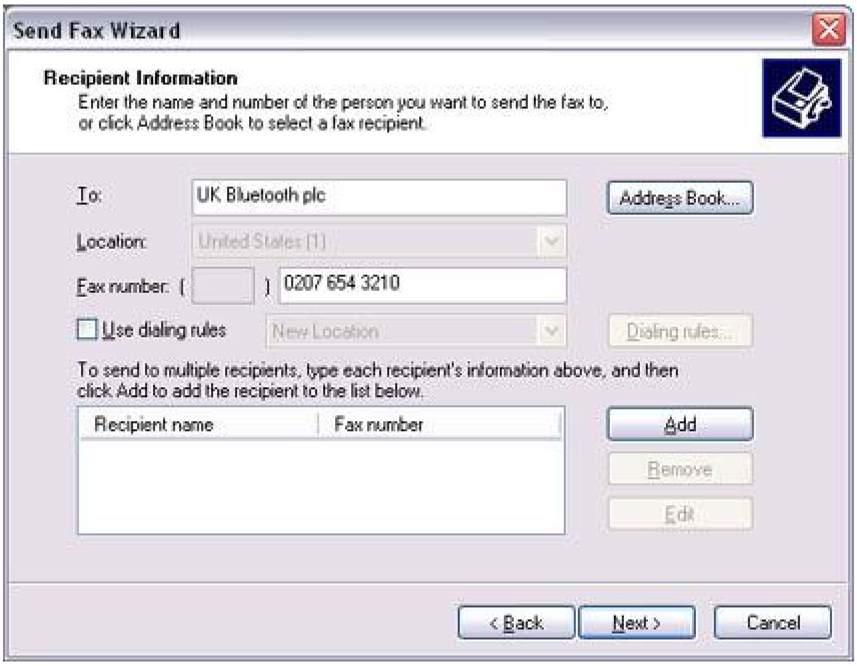
Welcome to the Send Fax Wizard

This wizard helps you create and send a fax.

To fax a document, create or open it in a Windows-based application, and print to a fax printer.

The [Send Fax Wizard (Recipient Information)] window will appear.

4. **Enter the name and fax number of the destination party, and then click on the [Next] button**



Send Fax Wizard

Recipient Information

Enter the name and number of the person you want to send the fax to, or click Address Book to select a fax recipient.

To: UK Bluetooth plc

Location: United States (1)

Fax number: ( ) 0207 654 3210

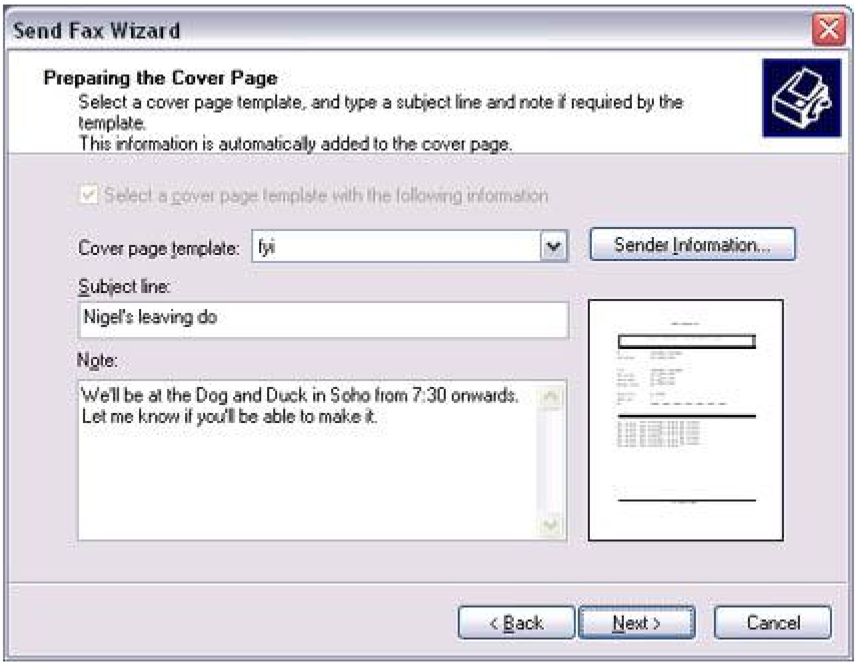
☐ Use dialing rules New Location

To send to multiple recipients, type each recipient's information above, and then click Add to add the recipient to the list below.

Recipient name	Fax number

The [Send Fax Wizard (Preparing the Cover Page)] window will appear.

5. **Specify the cover page template, subject line, and note (body text), and then click on the [Next] button**



Send Fax Wizard

Preparing the Cover Page

Select a cover page template, and type a subject line and note if required by the template.
This information is automatically added to the cover page.

☑ Select a cover page template with the following information

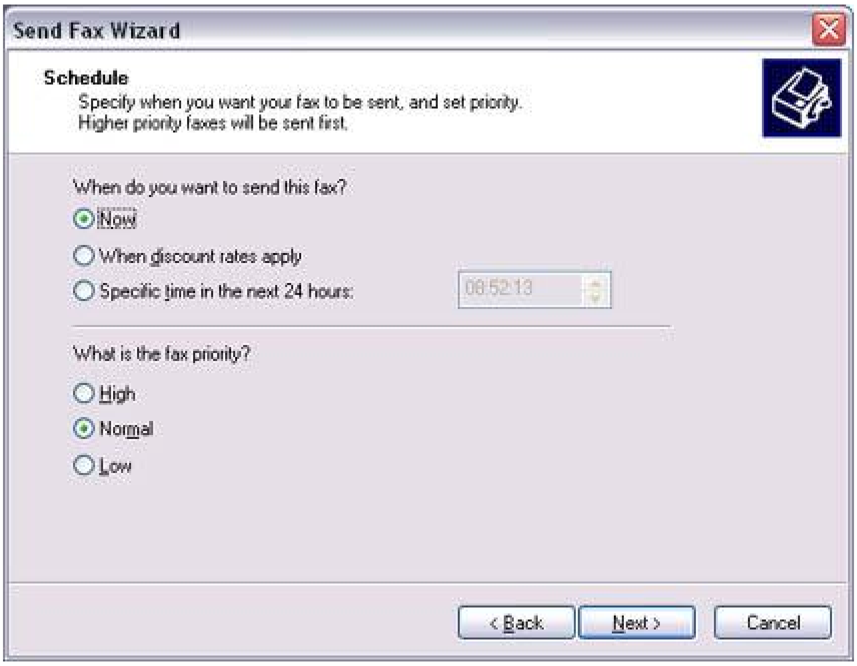
Cover page template: fyi

Subject line: Nigel's leaving do

Note: We'll be at the Dog and Duck in Soho from 7:30 onwards. Let me know if you'll be able to make it.

The [Send Fax Wizard (Schedule)] window will appear.

6. **If you wish to send the fax immediately, select "Now", and then click on the [Next] button**



Send Fax Wizard

Schedule

Specify when you want your fax to be sent, and set priority.
Higher priority faxes will be sent first.

When do you want to send this fax?

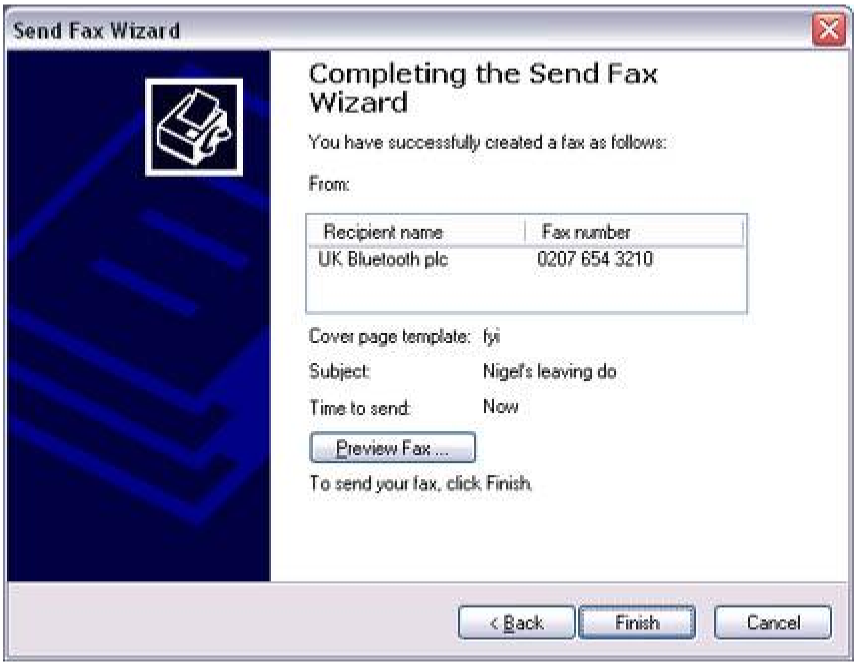
● Now
○ When discount rates apply
○ Specific time in the next 24 hours: 08:52:13

What is the fax priority?

○ High
● Normal
○ Low

The [Send Fax Wizard (Completing the Send Fax Wizard)] window will appear.

7. **Confirm the destination information and transmission details, and then click on the [Finish] button**


Send Fax Wizard

Completing the Send Fax Wizard

You have successfully created a fax as follows:

From:

Recipient name	Fax number
UK Bluetooth plc	0207 654 3210

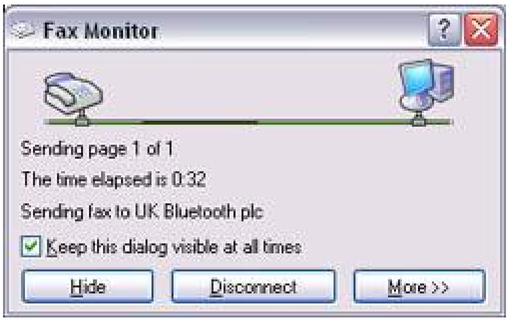
Cover page template: fyi

Subject: Nigel's leaving do

Time to send: Now

To send your fax, click Finish.

The software will automatically dial the number and send the fax.


Fax Monitor

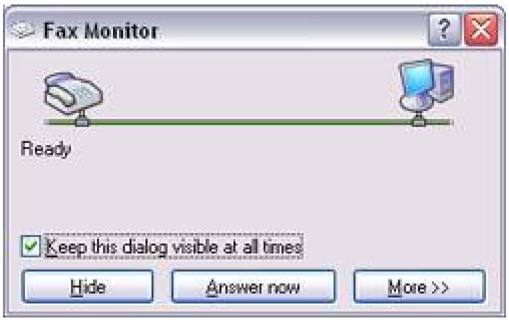
Sending page 1 of 1

The time elapsed is 0:32

Sending fax to UK Bluetooth plc

☑ Keep this dialog visible at all times

Once the fax has been sent, Fax Monitor will revert to standby mode.


Fax Monitor

Ready

☑ Keep this dialog visible at all times

Related topic: "Receiving a fax"

Receiving a fax

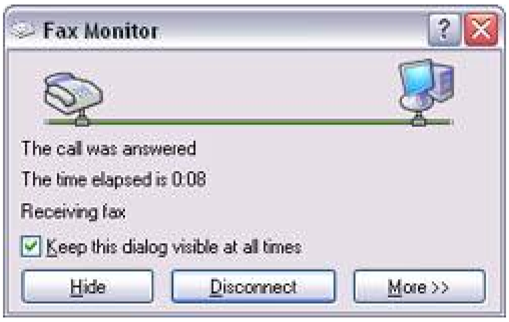
This section describes what to do when a fax arrives after you have established a connection to a modem station.

Important

- The Fax service must be enabled for receiving in order for you to receive a fax.
  Please refer to "Using a wireless modem station" under "Troubleshooting" for information on how to change the send and receive settings once the fax service has been configured.
- Please ensure you have connected to a modem station before you receive a fax (the device will be connected to the modem if "Enable Receive" has been selected or COM Auto Connect has been activated).

Procedure

1. **When a fax arrives, the Fax Monitor will start automatically as the fax is received**



The call was answered

The time elapsed is 0:08

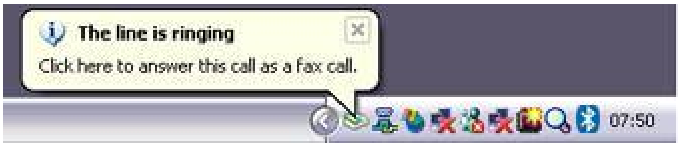
Receiving fax

☑ Keep this dialog visible at all times

Once the fax has been received, the Fax Monitor will revert to standby mode.

Note

- If you have enabled manual fax reception, the message below will appear when a fax arrives.



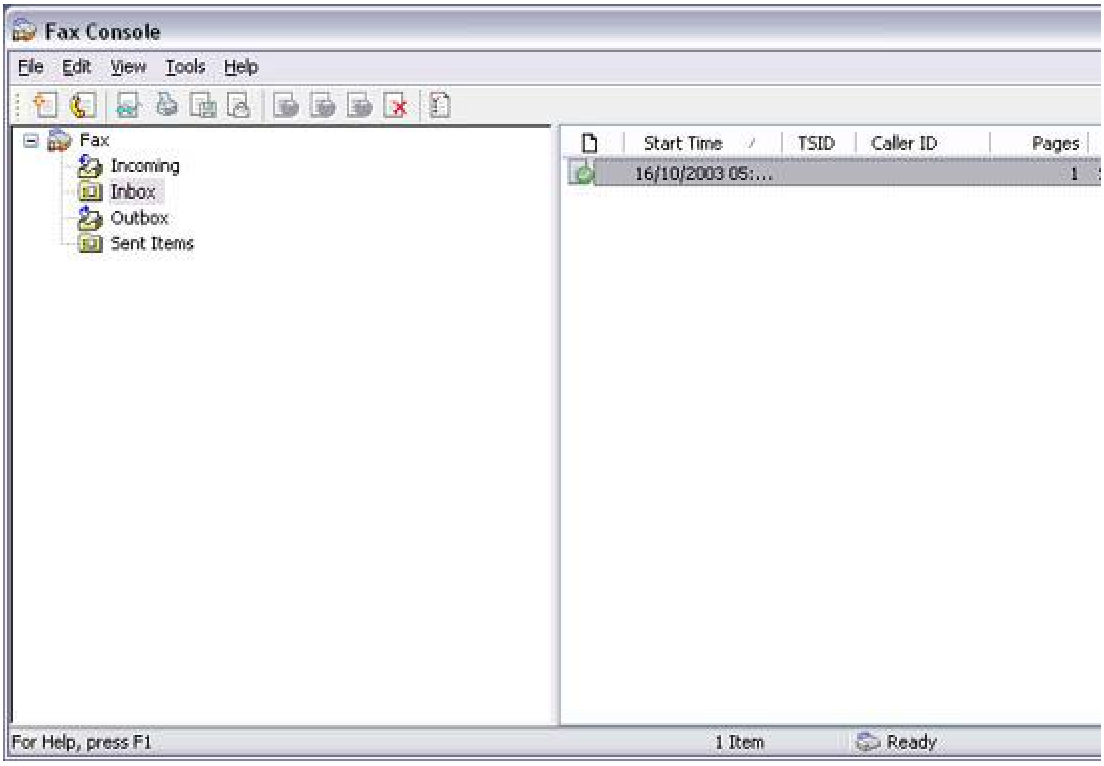
The line is ringing

Click here to answer this call as a fax call.

Click on the message with your mouse to receive the fax.

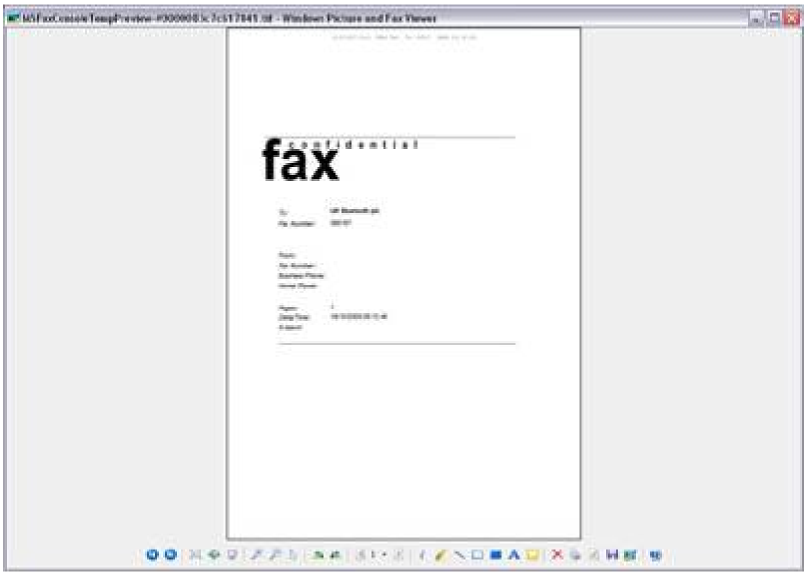
2. **Double-click on the [Fax] icon in the Control Panel**
   The [Fax Console] window will appear.

3. **In the [Fax Console] window, double-click on the fax that has arrived**



Start Time	TSID	Caller ID	Pages
16/10/2003 05:...			1

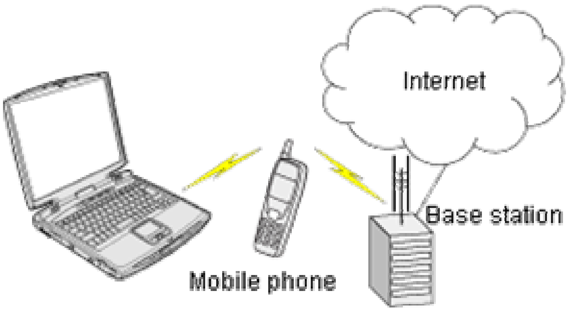
An image of the received fax will be displayed.



Related topic: "Sending a fax"

Connecting to the Internet using a mobile telephone [DUN]

This section describes how to connect to the Internet via a telephone line, using a mobile telephone.



Configuring a mobile telephone for use as a modem
Connecting to the Internet

Important

- In order to connect to the Internet, you must have already signed up with a provider and obtained a connection ID and password. Please ensure you have confirmed the ID, password and telephone number of your provider's access point before you begin the set-up process.

- A Bluetooth passkey (PIN code) is required for you to connect to the mobile telephone. Please make a note of your Bluetooth passkey before you start the set-up process.

Configuring a mobile telephone for use as a modem

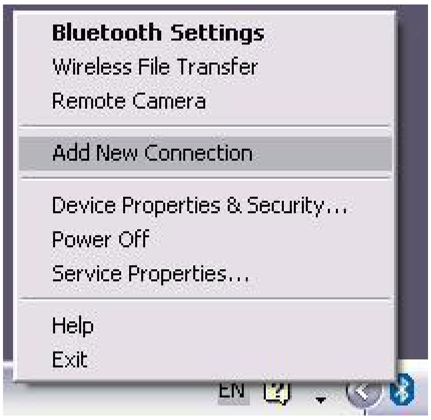
Procedure

1. **Turn on the mobile telephone, and set it to be connectable via Bluetooth**

   Note

   - Please refer to the mobile telephone instruction manual for information on how to operate the device.

2. **Right-click on the Bluetooth icon in the task tray, and then click on [Add New Connection]**

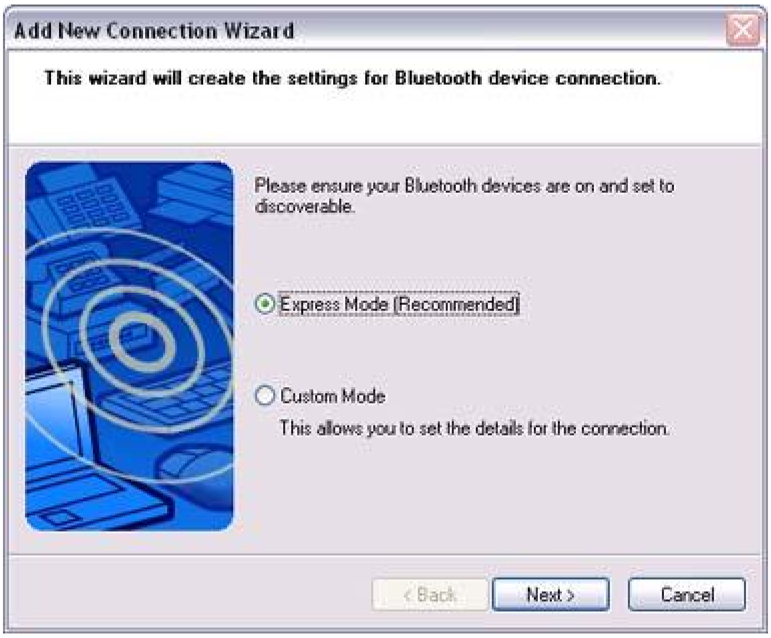


   Note

   - Alternatively, click [Start]->[All Programs]->[Bluetooth]->[Bluetooth Settings], and then click on [New Connection] from the active [Bluetooth Settings] window.

The [Add New Connection Wizard (Welcome to the Add New Connection Wizard)] window will appear.

3. **Confirm that [Express Mode] has been selected, and then click on the [Next] button**


Add New Connection Wizard

This wizard will create the settings for Bluetooth device connection.

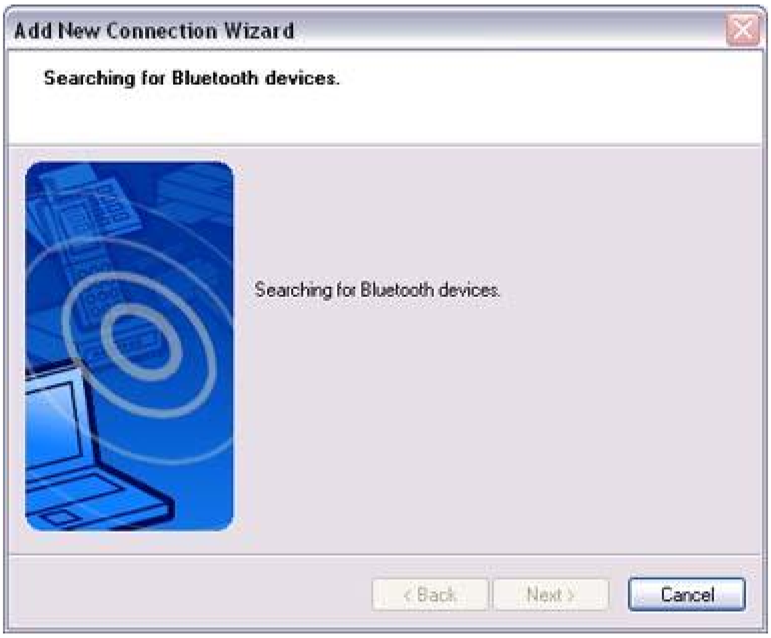
Please ensure your Bluetooth devices are on and set to discoverable.

● Express Mode (Recommended)

○ Custom Mode

This allows you to set the details for the connection.

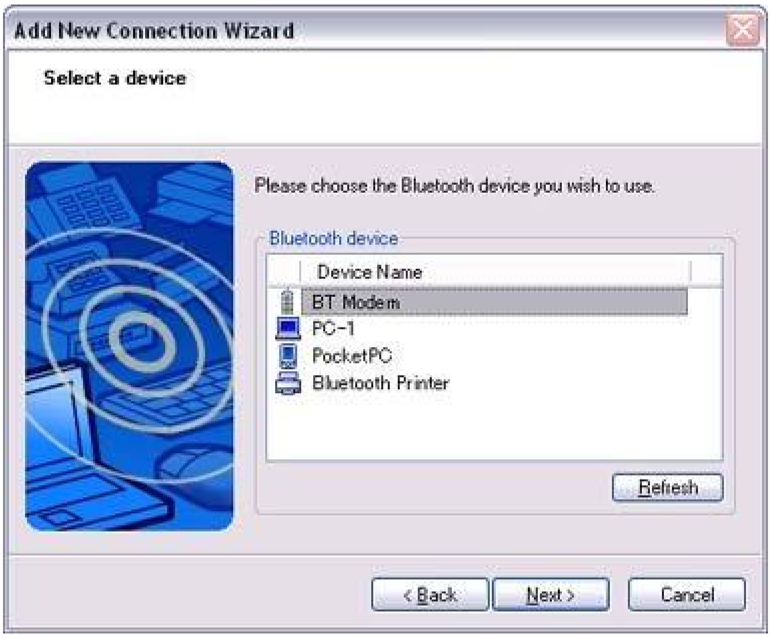
The [Add New Connection Wizard (Searching for Bluetooth devices)] window will appear.


Add New Connection Wizard

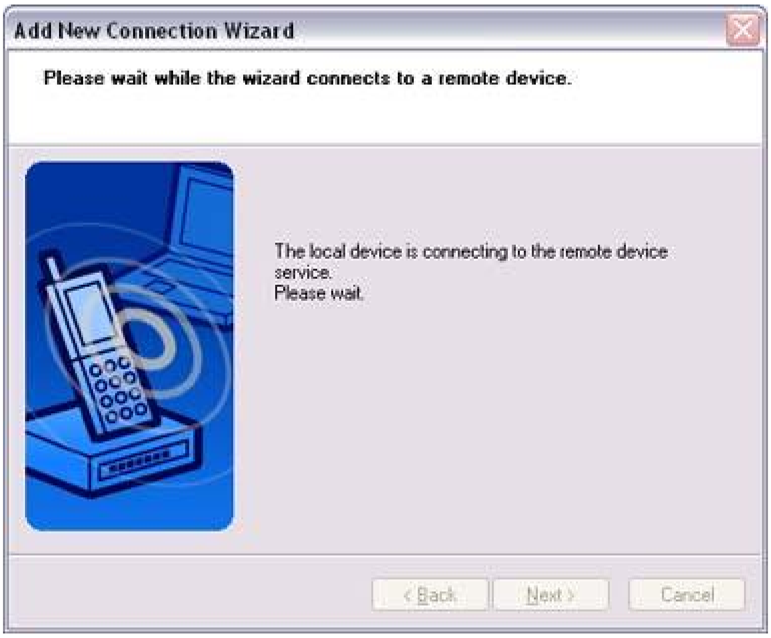
Searching for Bluetooth devices.

Searching for Bluetooth devices.

4. **Select the device name of the mobile telephone from [Device List], and then click on the [Next] button**



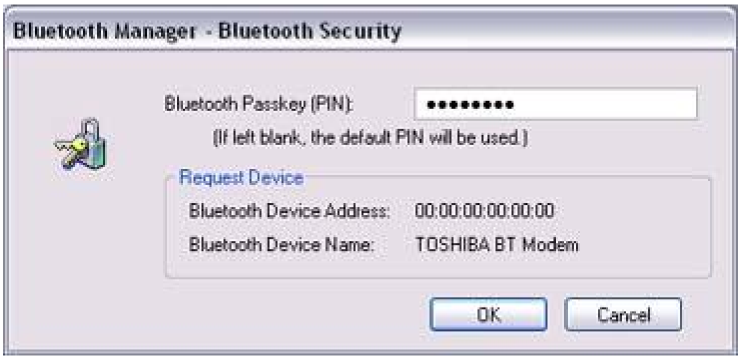
The [Add New Connection Wizard (Searching for Services)] window will appear.


Add New Connection Wizard
Please wait while the wizard connects to a remote device.
< Back
Next >
Cancel

The local device is connecting to the remote device service.
Please wait.

Once a service has been detected successfully, connection to the device and COM port creation will be performed automatically, after which the [Add New Connection Wizard (Modem Settings)] window will appear.

5. **If you are connecting to a mobile telephone for the first time, enter the passkey for the wireless modem station under [Bluetooth Passkey (PIN code)], and then click on the [OK] button**



Bluetooth Passkey (PIN): ••••••••

(If left blank, the default PIN will be used.)

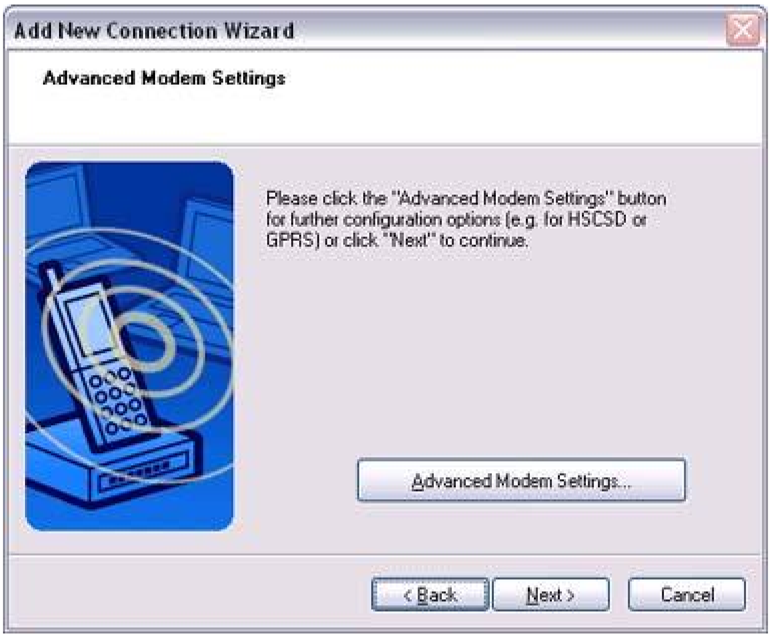
Request Device

Bluetooth Device Address: 00:00:00:00:00:00

Bluetooth Device Name: TOSHIBA BT Modem

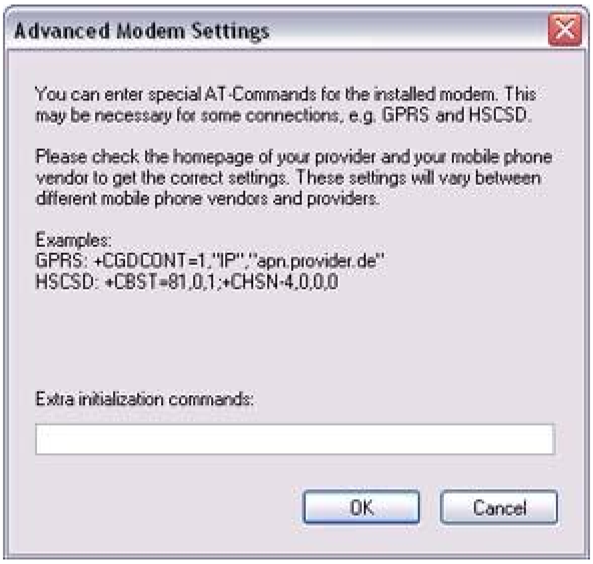
Once the program has finished searching for the devices, the [Add New Connection Wizard (Device Selection)] window will appear.

6. **Click on the [Next] button**



Please click the "Advanced Modem Settings" button for further configuration options (e.g. for HSCSD or GPRS) or click "Next" to continue.

Certain modems require you to configure initialization commands separately.
Please click on the [Additional Initialization Command Settings] button, enter the initialization commands in the following window, and then click on the [OK] button.



You can enter special AT-Commands for the installed modem. This may be necessary for some connections, e.g. GPRS and HSCSD.

Please check the homepage of your provider and your mobile phone vendor to get the correct settings. These settings will vary between different mobile phone vendors and providers.

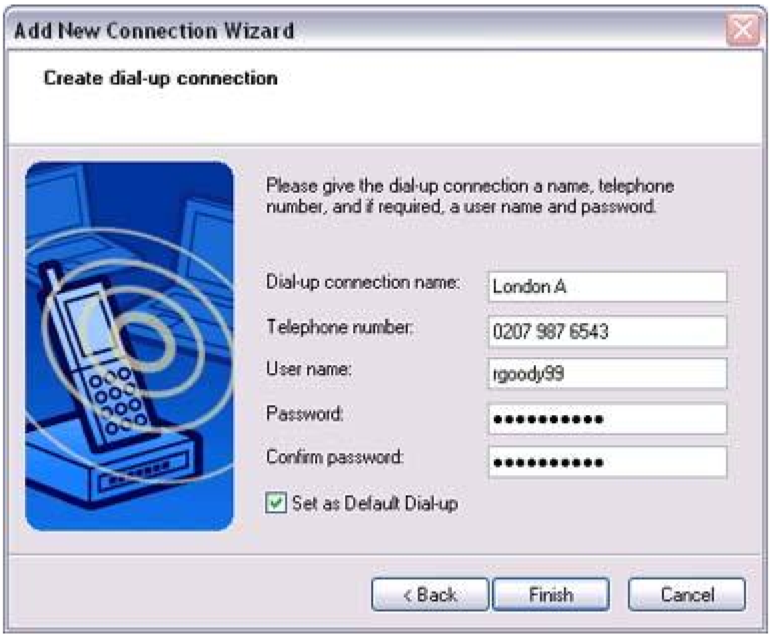
Examples:
GPRS: +CGDCONT=1,"IP","apn.provider.de"
HSCSD: +CBST=81,0,1;+CHSN-4,0,0,0

Extra initialization commands:

Note

- o Please refer to the modem or mobile phone instruction manual for further details on the initialization commands.

7. **Enter the connection name (optional), telephone number (of your provider's access point), user name and password (as issued by your provider), and then click on the [Finish] button.**



Please give the dial-up connection a name, telephone number, and if required, a user name and password.

Dial-up connection name: London A
Telephone number: 0207 987 6543
User name: rgoody99
Password: ●●●●●●●●●●●
Confirm password: ●●●●●●●●●●●
☑ Set as Default Dial-up

Important

- o The sample entries shown in the window are provided solely for purpose of explanation. Please use your own telephone number, ID and password according to the arrangement with your provider.

The settings will be registered, and an icon will appear in the [Bluetooth Settings] window.

Connecting to the Internet

You can connect to the Internet by following the procedure below if the connection destination registered when you configured the mobile telephone has been set as the default connection destination.

1. **Start your browser, e-mail application or other application**

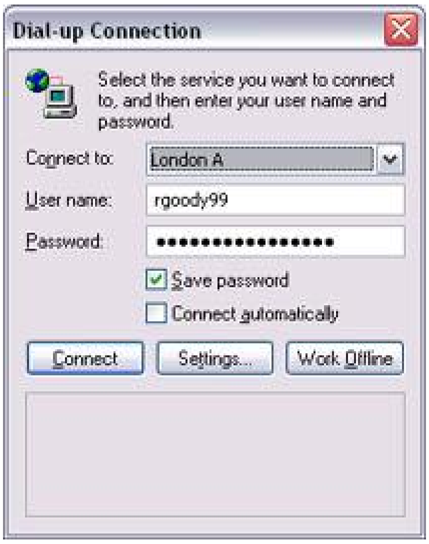
   Important

   - Please enter the e-mail settings separately if you are going to use e-mail (the set-up method will vary with the application).

2. **Enter the URL of the Web page you wish to display and then press the [Enter] key, or use the e-mail tool to send/receive items or perform other activities.**

   The [Dial-up Connection] window will appear.

3. **Click on the [Connect] button**



Select the service you want to connect to, and then enter your user name and password.

Connect to: London A

User name: rgoody99

Password: ••••••••••••••••

☑ Save password

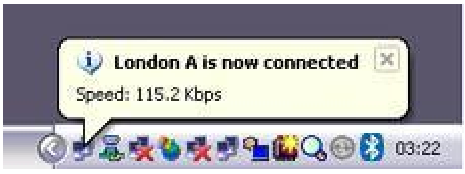
☐ Connect automatically

Important

- A connection will be automatically established with the mobile telephone if COM Auto Connect is available.

If COM Auto Connect is not available, please manually connect to the mobile telephone.

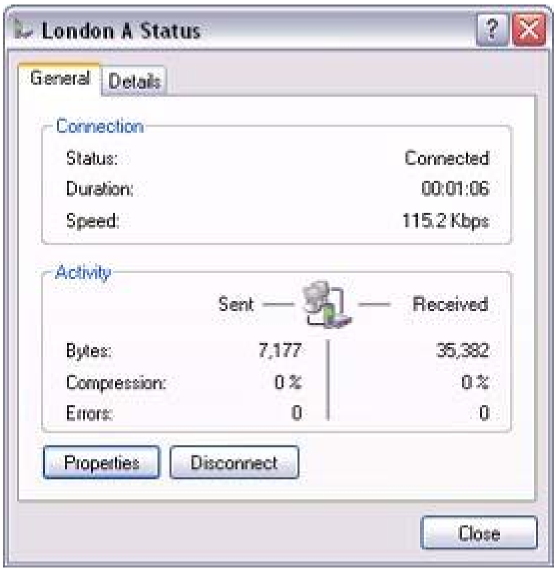
The following message will appear once you have connected to the Internet.



London A is now connected
Speed: 115.2 Kbps

4. **End the connection**

The window below will appear if you double-click on the icon in the task bar.



London A Status

Connection

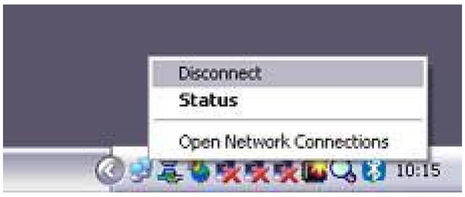
Status: Connected
Duration: 00:01:06
Speed: 115.2 Kbps

Activity

	Sent	Received
Bytes:	7,177	35,382
Compression:	0 %	0 %
Errors:	0	0

Please click on the [Disconnect] button when you want to disconnect from the Internet.

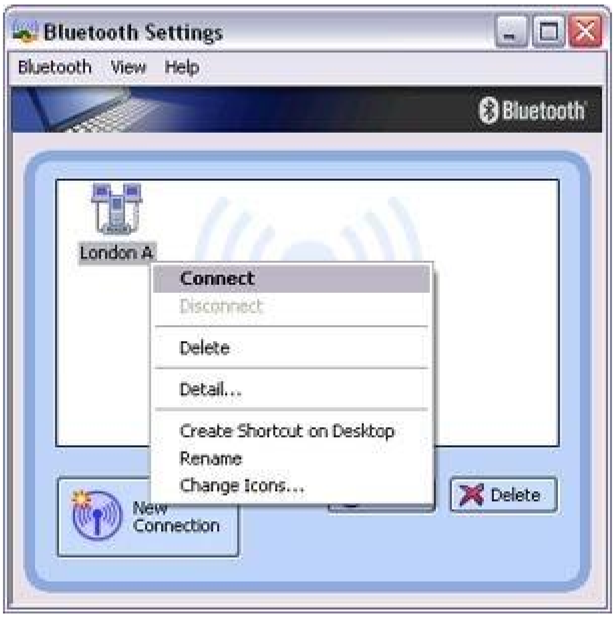
Alternatively, please right-click on the icon, and then click on [Disconnect].



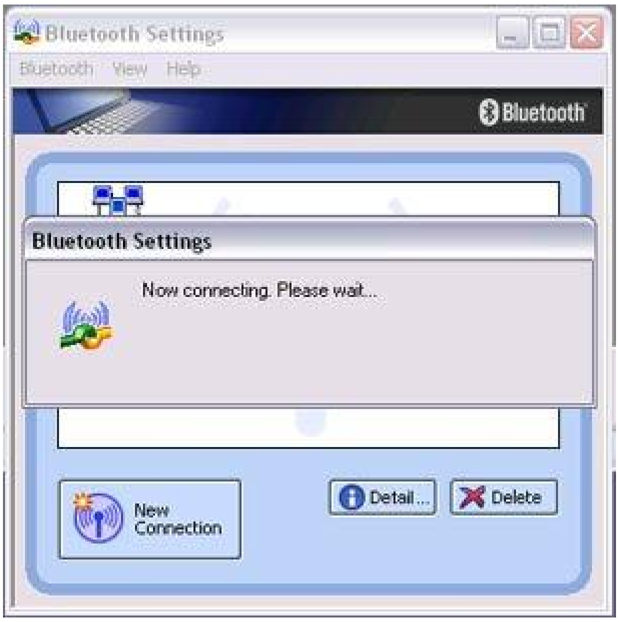
Note

- You can start an application to make an automatic connection to the Internet, but you can also make a manual connection using the connection destination icon.
  The procedure is described below.

1. **From the [Bluetooth Settings] window, right-click on the connection destination icon, and then click on [Connect] from the menu that appears**

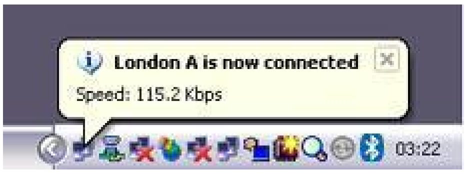


A window indicating that the connection is being established will appear.



Now connecting. Please wait...

If the connection has been established successfully, the connection icon and task tray will appear as shown below.



London A is now connected

Speed: 115.2 Kbps

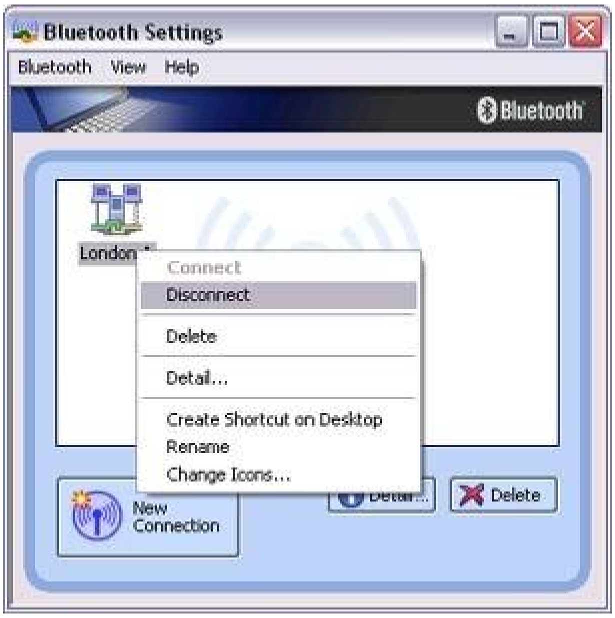
You will be able to browse Web pages using your browser and send and receive e-mail.

Important

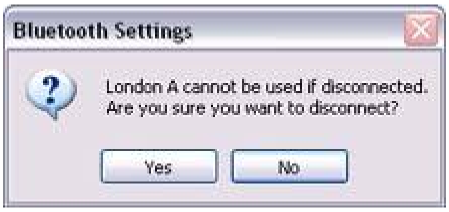
- Please enter the e-mail settings separately if you are going to use e-mail (the set-up method will vary with the application).

2. **End the connection**

Right-click on the icon, and then click [Disconnect] to end a connection.



The following message will appear. Click on the [Yes] button.

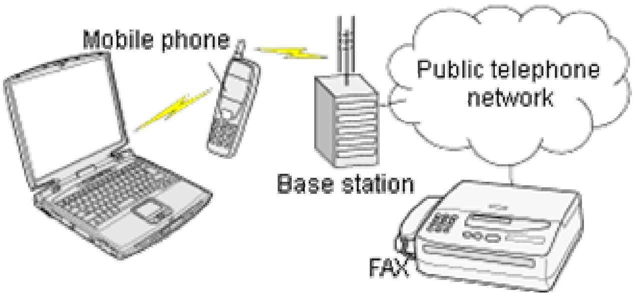


London A cannot be used if disconnected.
Are you sure you want to disconnect?

When the icon appears as shown below, the connection will have been ended.

Using a mobile telephone for fax transmissions [FAX]

This section describes how to send a fax using a mobile telephone as a modem.



Setting up the mobile telephone
Installing a modem
Setting fax information
Sending a fax
Receiving a fax

Important

- Please ensure that any drivers used to connect the PC to the mobile telephone have been installed.
- A Bluetooth passkey (PIN code) is required for you to connect to the mobile telephone. Please make a note of your Bluetooth passkey before you start the set-up process.
- A fax application is required for you to be able to send and receive faxes. The description below is based on a example using Microsoft Fax, which is installed with Windows XP as standard.
  If you are going to use a commercially available fax application, then please refer to the manual that came with the application for information on how to send and receive faxes.

Setting up the mobile telephone

Set up and register the mobile telephone as a fax service.

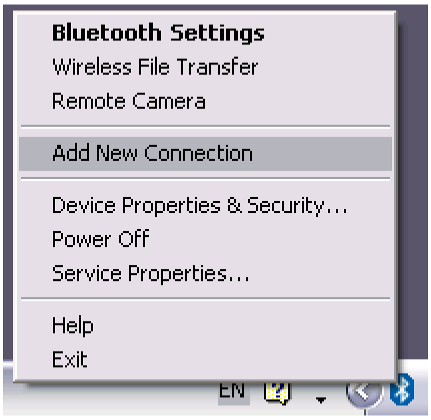
Procedure

1. **Turn on the mobile telephone, and set it to be connectable via Bluetooth**

Note

- Please refer to the instruction manual for information on how to operate the telephone.

2. **Right-click on the Bluetooth icon in the task tray, and then click on [Add New Connection]**

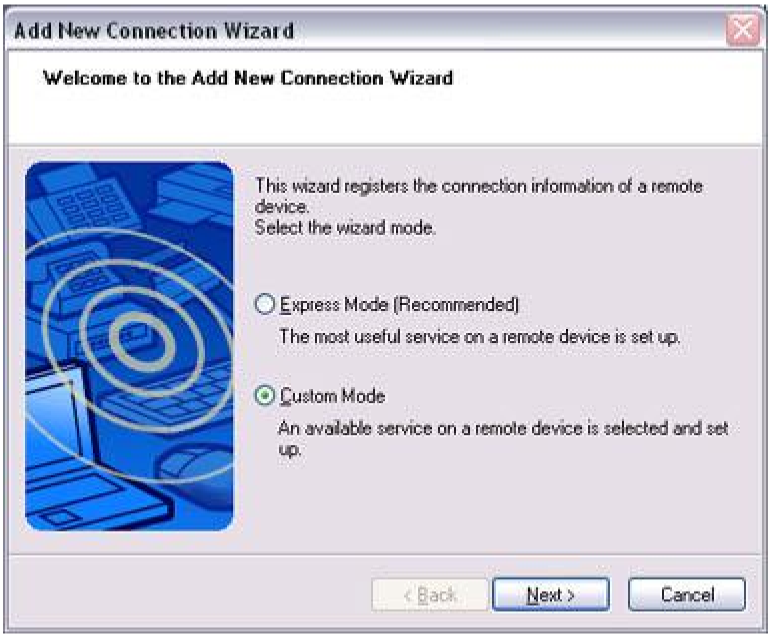


Note

- Alternatively, click [Start]->[All Programs]->[Bluetooth]->[Bluetooth Settings], and then click on [New Connection] from the active [Bluetooth Settings] window.

The [Add New Connection Wizard (Welcome to the Add New Connection Wizard)] window will appear.

3. **Select [Custom Mode], and then click on the [Next] button**


Add New Connection Wizard

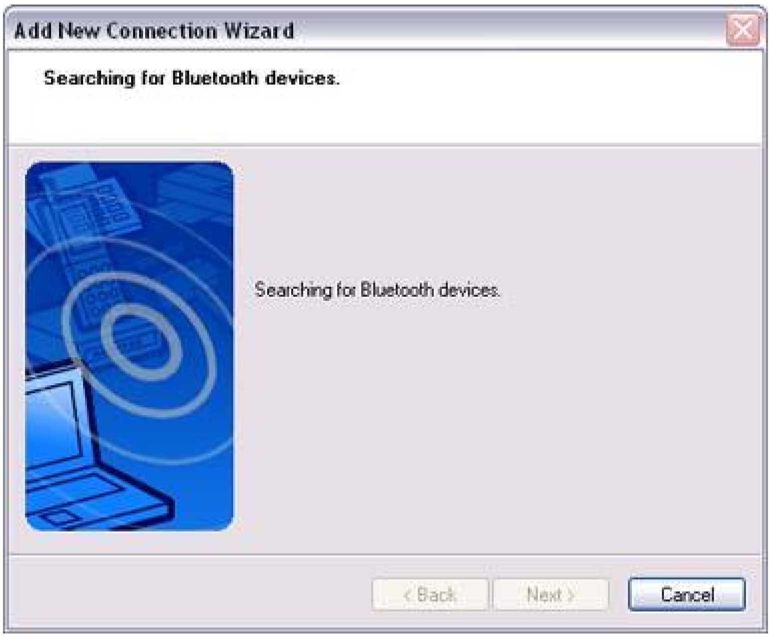
Welcome to the Add New Connection Wizard

This wizard registers the connection information of a remote device.
Select the wizard mode.

○ Express Mode (Recommended)
The most useful service on a remote device is set up.

● Custom Mode
An available service on a remote device is selected and set up.

The [Add New Connection Wizard (Searching for Bluetooth devices)] window will appear.

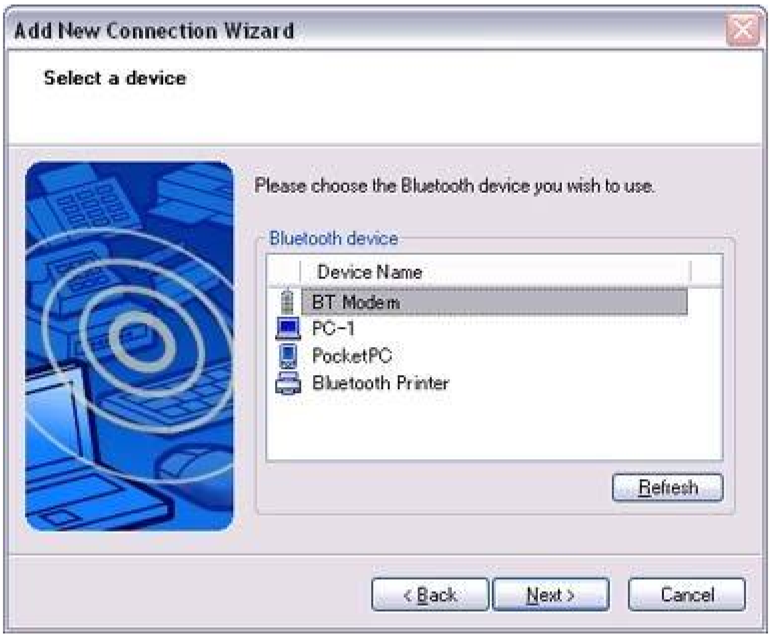

Add New Connection Wizard

Searching for Bluetooth devices.

Searching for Bluetooth devices.

Once the program has finished searching for the devices, the [Add New Connection Wizard (Select Device)] window will appear.

4. **Select the device name of the mobile telephone from [Device List], and then click on the [Next] button**

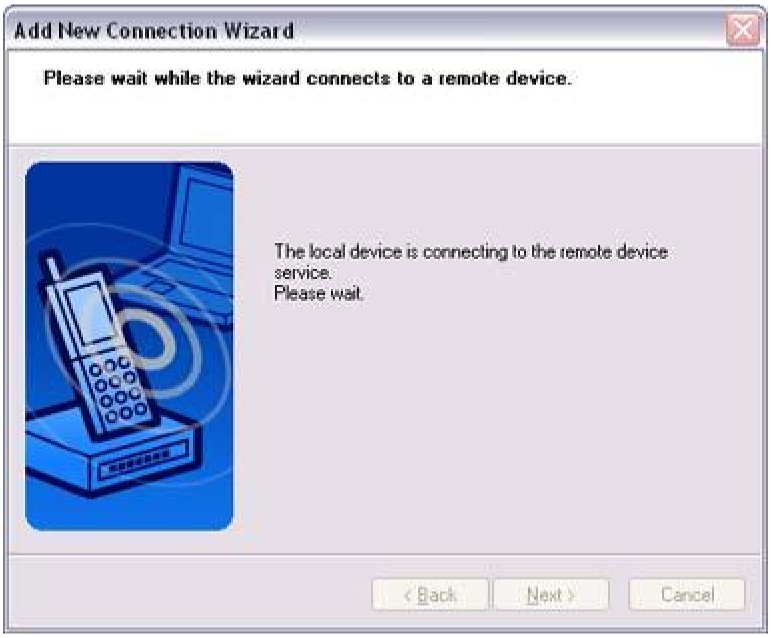


Select a device

Please choose the Bluetooth device you wish to use.

Bluetooth device

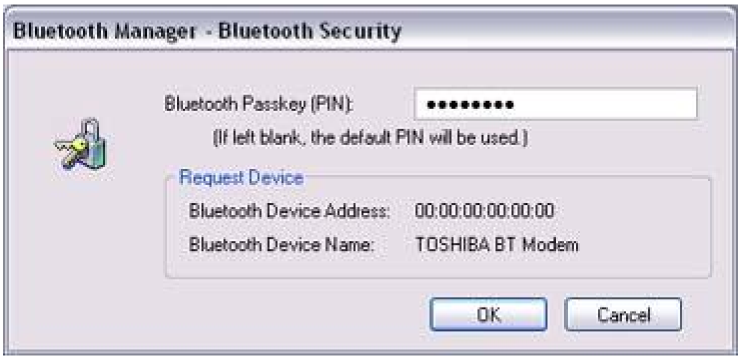
The [Add New Connection Wizard (Searching for Services)] window will appear.



Please wait while the wizard connects to a remote device.

The local device is connecting to the remote device service.
Please wait.

5. **If you are connecting to the mobile telephone for the first time, enter the passkey for the device from the [Bluetooth Passkey (PIN Code)] window, and then click on the [OK] button.**


Bluetooth Manager - Bluetooth Security

Bluetooth Passkey (PIN): ●●●●●●●●●

(If left blank, the default PIN will be used.)

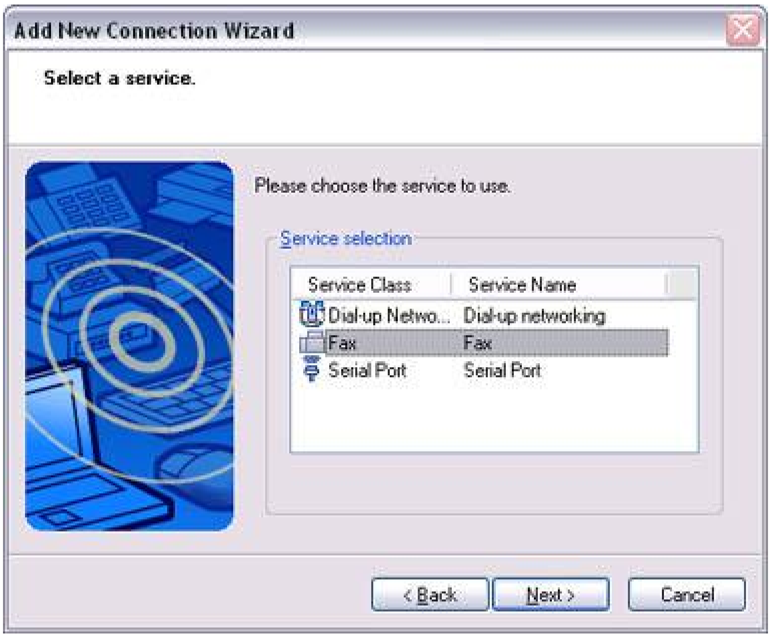
Request Device

Bluetooth Device Address: 00:00:00:00:00:00

Bluetooth Device Name: TOSHIBA BT Modem

Once the program has finished searching for the services, the [Add New Connection Wizard (Select Service)] window will appear.

6. **Select "Fax" under [Select Service], and then click on the [Next] button**


Add New Connection Wizard

Select a service.

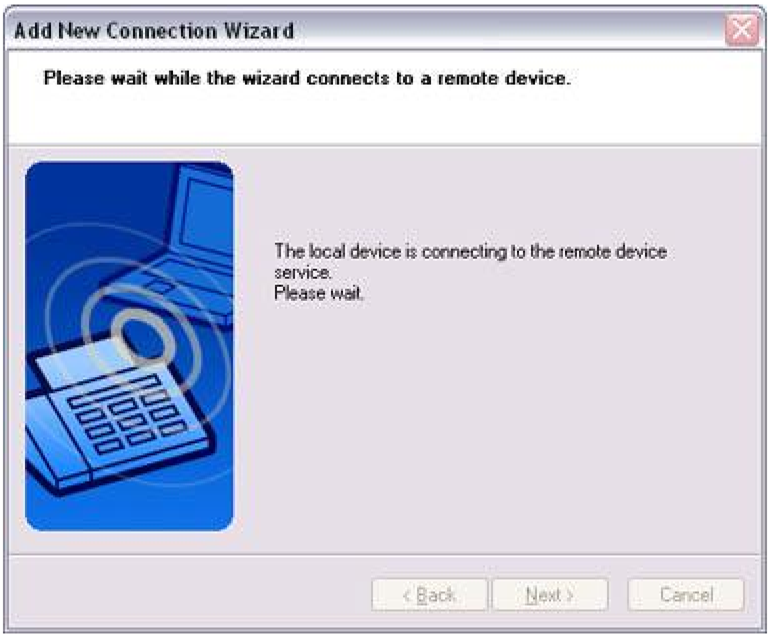
Please choose the service to use.

Service selection

Service Class	Service Name
Dial-up Netwo...	Dial-up networking
Fax	Fax
Serial Port	Serial Port

The [Add New Connection Wizard (Connecting to Remote Device)] screen will appear.

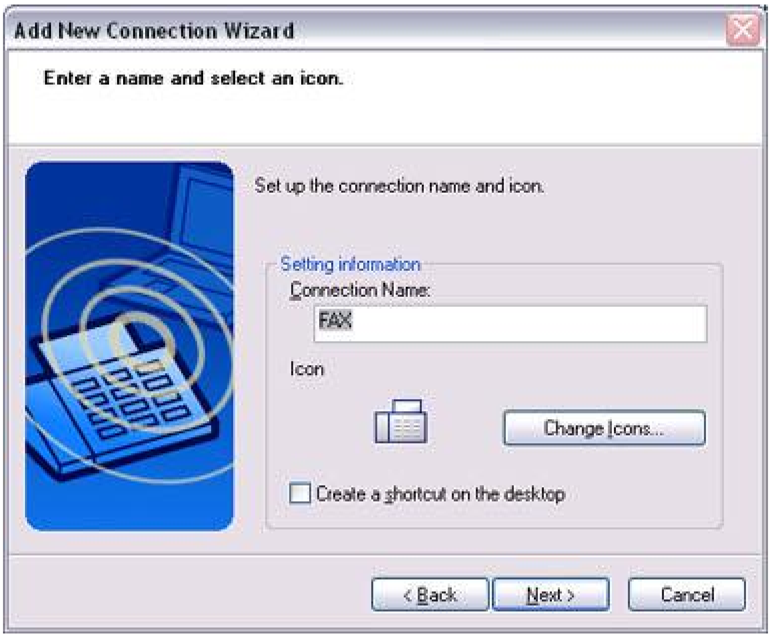
The COM port and modem registration process will then be automatically performed.


Add New Connection Wizard
Please wait while the wizard connects to a remote device.
< Back
Next >
Cancel

The local device is connecting to the remote device service.
Please wait.

Once the COM port and modem (standard 33600 bps type) registration is complete,
the [Add New Connection Wizard (Setting Connection Name)] screen will appear.

7. **Configure the type and name of the icon to appear after registration, and click on the [Next] button.**
   Please click only on the [Next] button once you are satisfied with the configuration.



Set up the connection name and icon.

Connection Name: FAX

☐ Create a shortcut on the desktop

The [Add New Connection Wizard (Completing the Add New Connection Wizard)] screen will appear.

Click on the [Finish] button

The settings will be registered, and the icon will appear on the [Bluetooth Settings] screen.

Setting fax information

Configure send/receive settings and register fax information.

Procedure

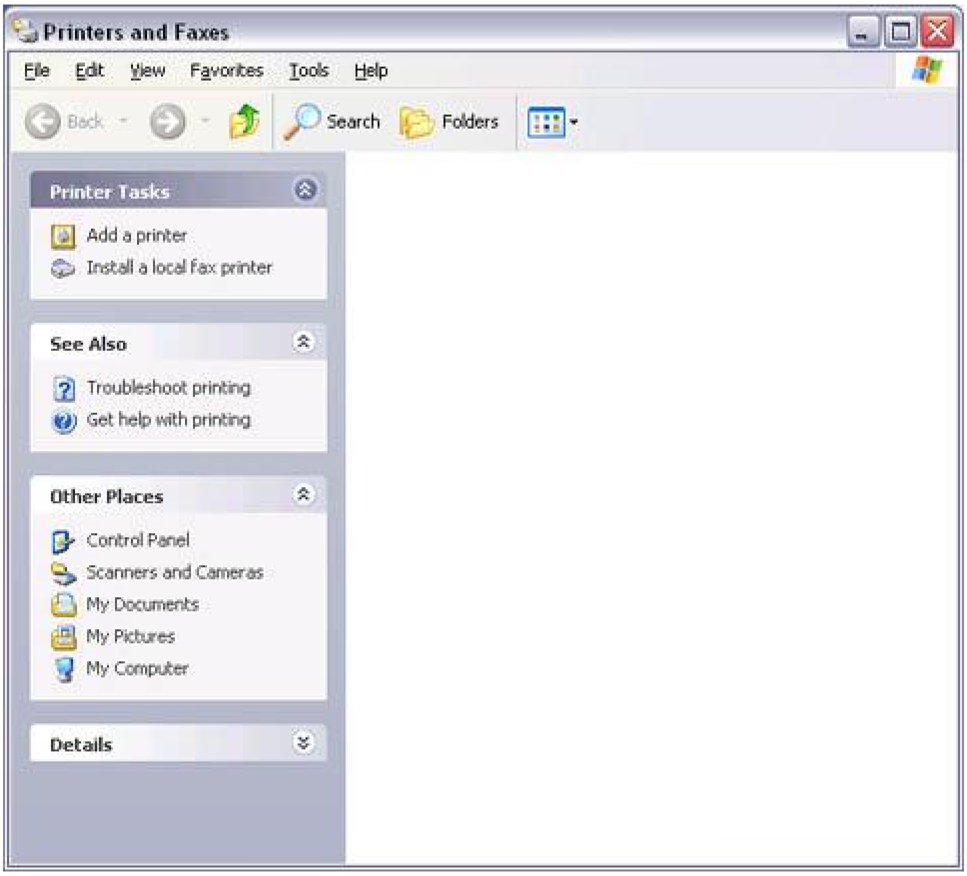
1. **Select [Start]->[Control Panel], and then double-click on the [Printers and Other Hardware] icon**

   Note

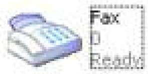
   - If the control panel is displayed in "Classic view", and you use Windows 2000, please start from Step (2).

2. **Double-click on the [Printers and Faxes] icon**
   The [Printers & Faxes] window will appear.

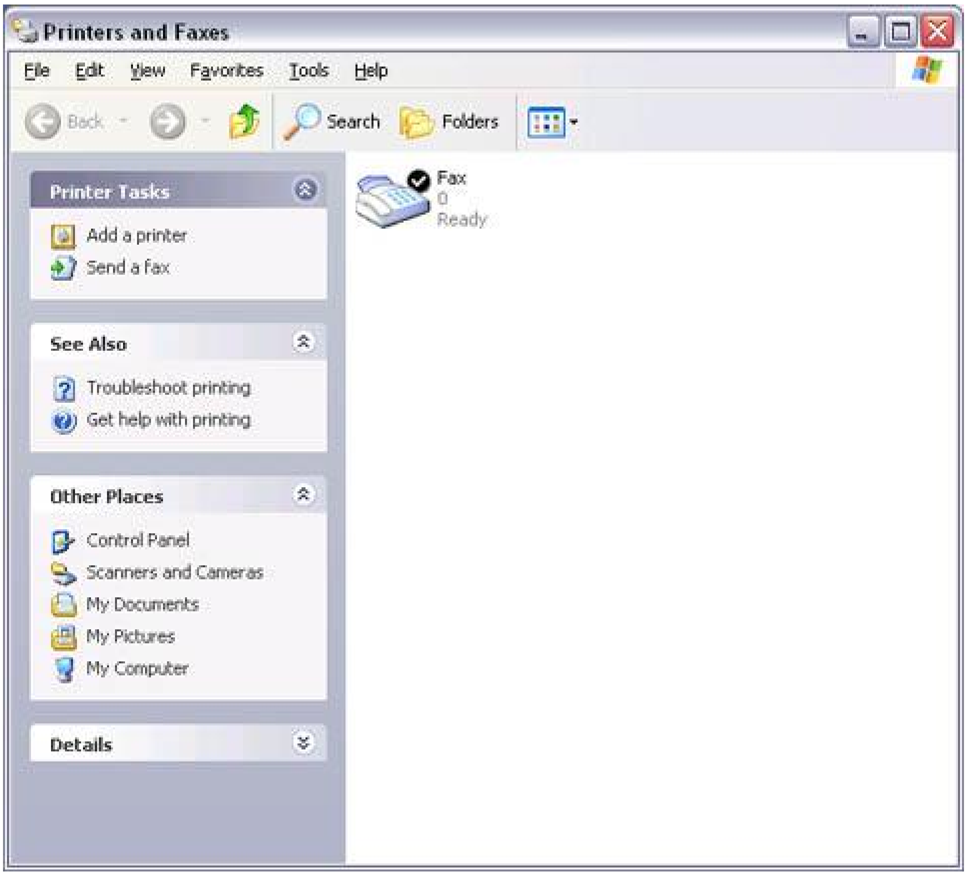
3. **Click on "Set up faxing" in the [Printers and Faxes] window**



A window showing installed programs will appear, and a Fax icon will have been created in the [Printers and Faxes] screen.



4. **Click on "Send a fax" under "Printer Tasks" on the left side of the window**

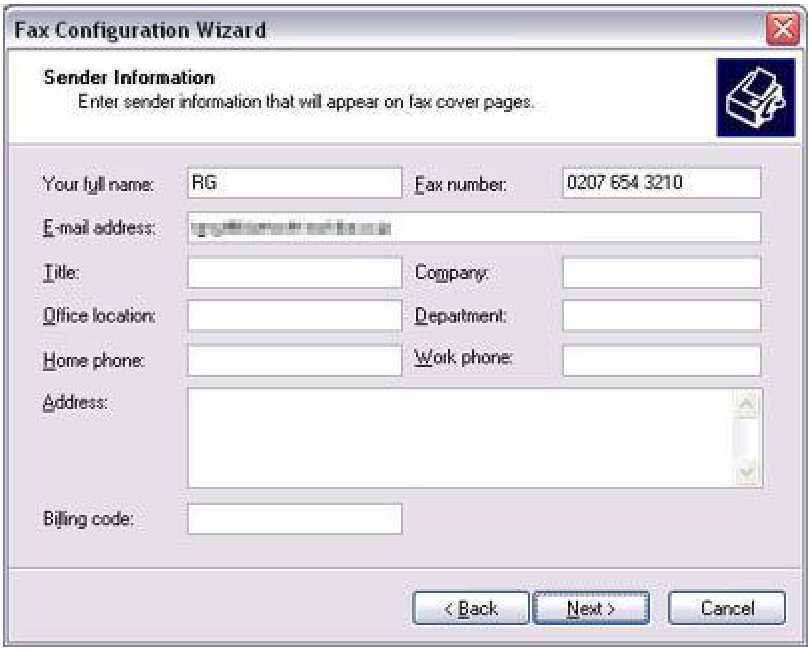


If you have not yet configured a fax device, the [Fax Configuration Wizard] window will appear. In the window you can enter settings pertaining to the sender (yourself).

Note

- If the fax configuration information has already been registered, the [Send Fax Wizard] window, which can be viewed under "Sending a fax" below, will appear instead of the [Fax Configuration Wizard] window.

5. **Enter the sender information, and click on the [Next] button**


Fax Configuration Wizard

Sender Information

Enter sender information that will appear on fax cover pages.

Your full name: RG

Fax number: 0207 654 3210

E-mail address: [redacted]

Title:

Company:

Office location:

Department:

Home phone:

Work phone:

Address:

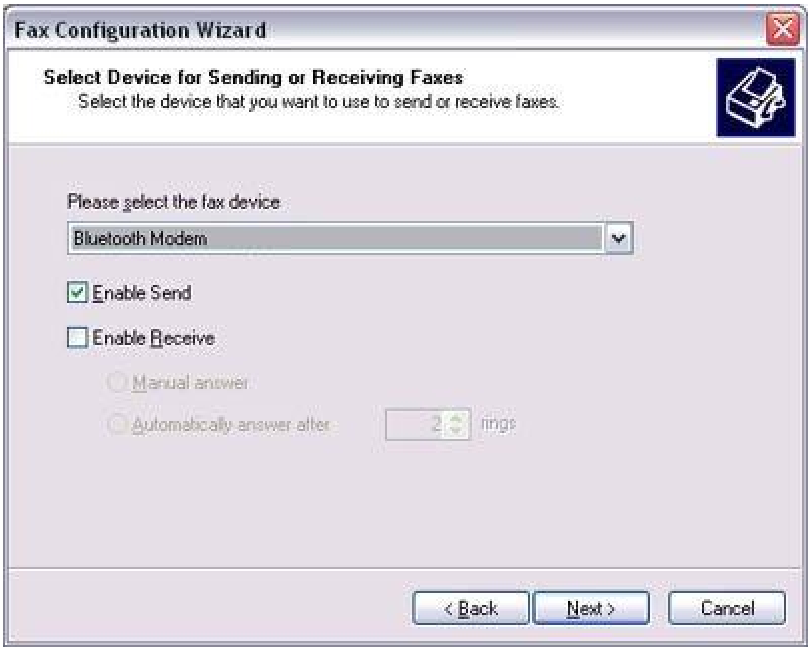
Billing code:

Note

- The sender information that you configure here will be automatically appended as header information when you send a fax.

The [Fax Configuration Wizard (Select Device for Sending or Receiving Faxes)] window will appear.

6. **Select a device to be used for fax transmissions, enable the device for sending or receiving, and then click on the [Next] button**


Fax Configuration Wizard

Select Device for Sending or Receiving Faxes

Select the device that you want to use to send or receive faxes.

Please select the fax device: Bluetooth Modem

☑ Enable Send

☐ Enable Receive

○ Manual answer

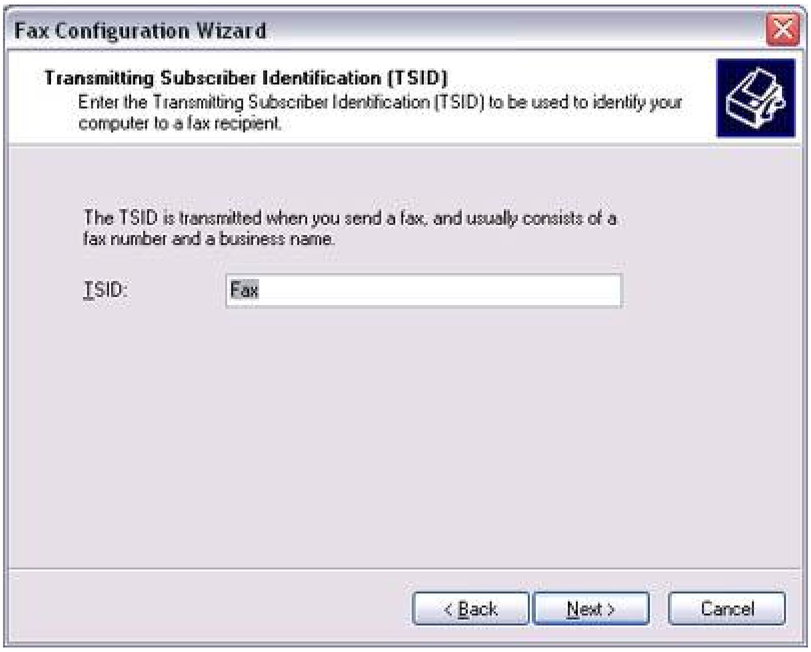
○ Automatically answer after 2 rings

Note

- If [Enable Receive] is selected, the device will be on standby for receiving faxes even if it is not sending or receiving anything, and therefore will be in continuous connection to the wireless modem ¡]when COM Auto Connect is on).
  Please decide whether to select this option based on to the desired objective and/or frequency of transmission.

The [Fax Configuration Wizard (Transmitting Subscriber Identification (TSID))] window will appear.

7. **Click on the [Next] button**
   It is important that you do not change the transmitter subscriber identification.



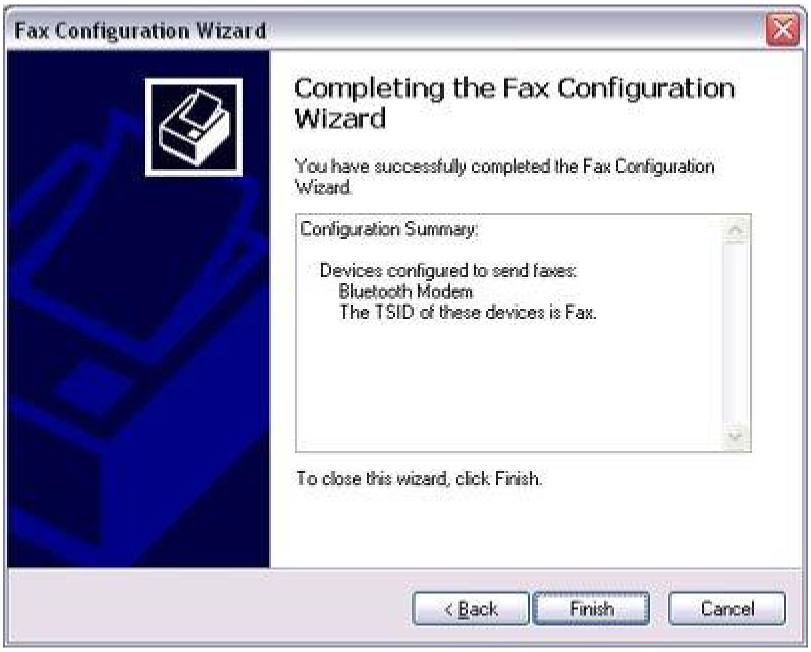
Transmitting Subscriber Identification (TSID)
Enter the Transmitting Subscriber Identification (TSID) to be used to identify your computer to a fax recipient.

The TSID is transmitted when you send a fax, and usually consists of a fax number and a business name.

TSID: Fax

The [Fax Configuration Wizard (Completing the Fax Configuration Wizard)] window will appear.

8. **Click on the [Finish] button**



Completing the Fax Configuration Wizard

You have successfully completed the Fax Configuration Wizard.

Configuration Summary:

Devices configured to send faxes:
Bluetooth Modem
The TSID of these devices is Fax.

To close this wizard, click Finish.

The fax information will be have been registered, and the [Fax Console] window will appear.

This will complete the fax set-up process.

Related topics: "Sending a fax" and "Receiving a fax"

Sending a fax

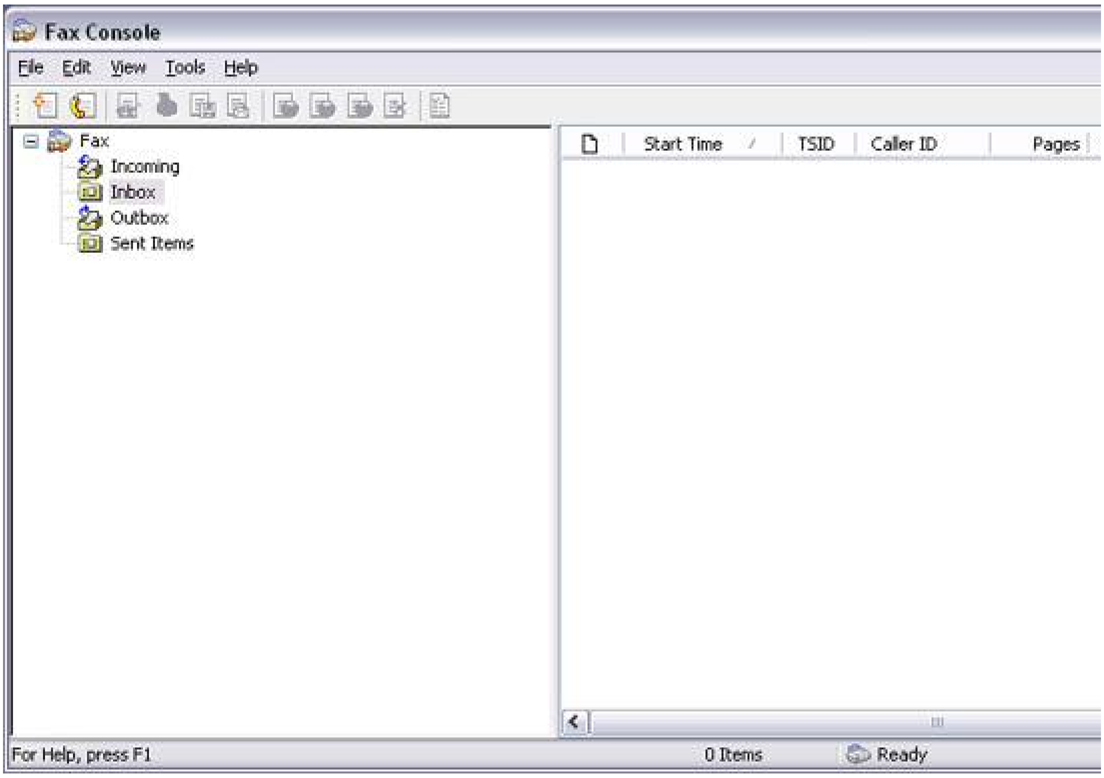
This section describes how to send a fax from the Fax Console.

Important

- The Fax service must be enabled for sending in order for you to send a fax.
  Please refer to "Using a mobile telephone" under "Troubleshooting" for how to change the send and receive settings once the service has been configured.""

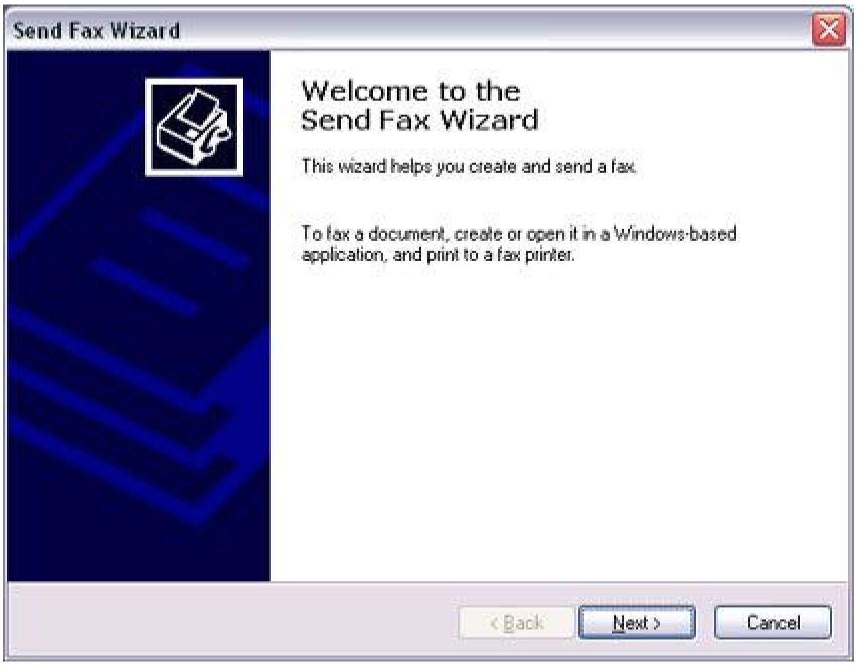
Procedure

1. **Double-click on the [Fax] icon in the Control Panel**
   The [Fax Console] window will appear.



2. **In the [Fax Console] window, click [File]->[Send fax]**
   The [Send Fax Wizard (Starting the Send Fax Wizard)] window will appear.

3. **Click on the [Next] button**



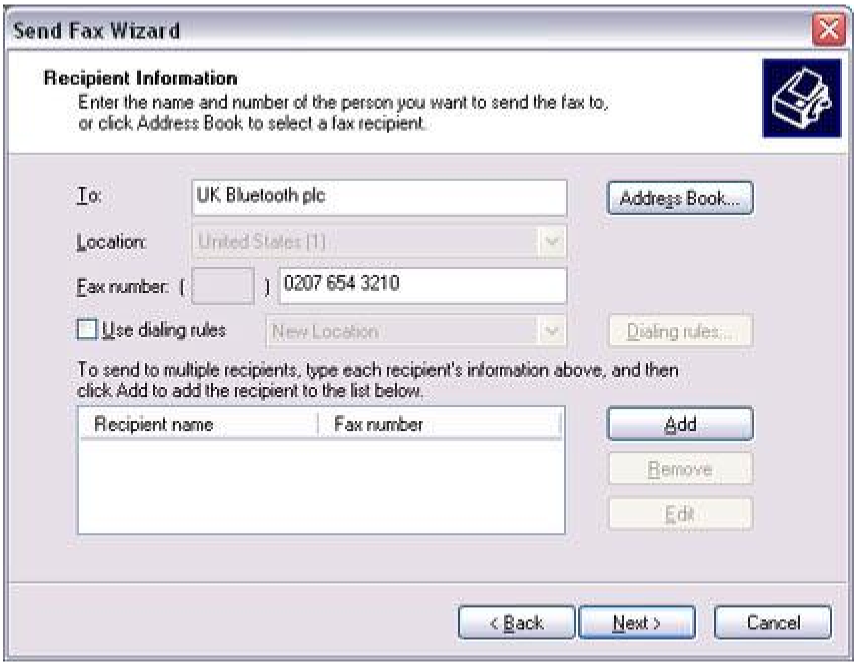
Welcome to the Send Fax Wizard

This wizard helps you create and send a fax.

To fax a document, create or open it in a Windows-based application, and print to a fax printer.

The [Send Fax Wizard (Recipient Information)] window will appear.

4. **Enter the name and fax number of the destination party, and then click on the [Next] button**



Send Fax Wizard

Recipient Information

Enter the name and number of the person you want to send the fax to, or click Address Book to select a fax recipient.

To: UK Bluetooth plc

Location: United States (1)

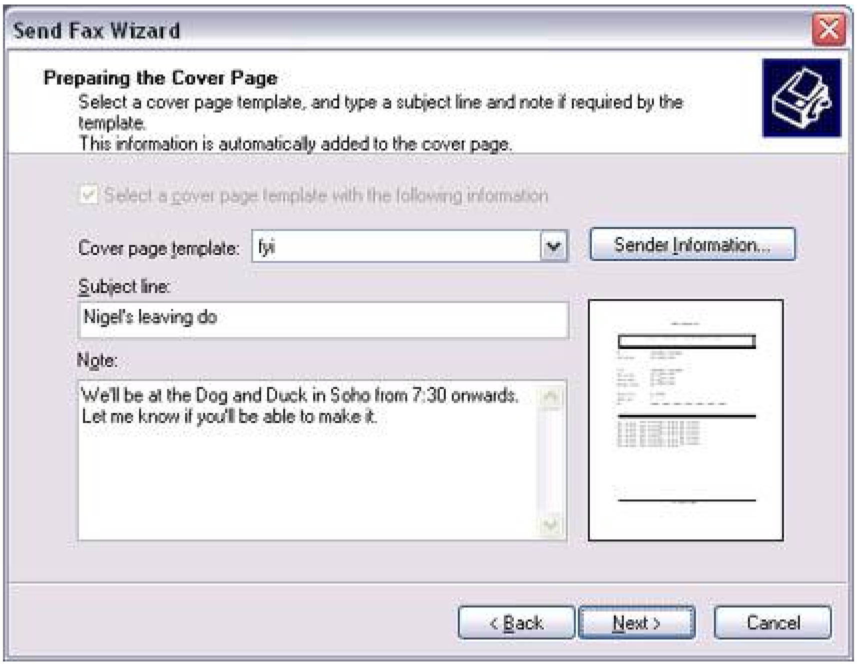
Fax number: ( ) 0207 654 3210

☐ Use dialing rules New Location

To send to multiple recipients, type each recipient's information above, and then click Add to add the recipient to the list below.

The [Send Fax Wizard (Preparing the Cover Page)] window will appear.

5. **Specify the cover page template, subject line, and note (body text), and then click on the [Next] button**



Send Fax Wizard

Preparing the Cover Page

Select a cover page template, and type a subject line and note if required by the template.
This information is automatically added to the cover page.

☑ Select a cover page template with the following information

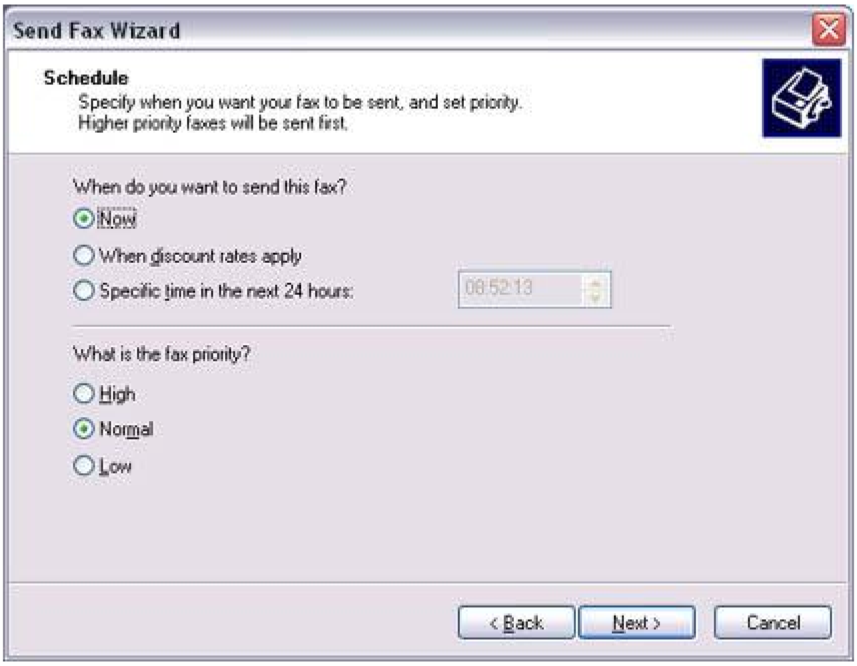
Cover page template: fyi

Subject line: Nigel's leaving do

Note:
We'll be at the Dog and Duck in Soho from 7:30 onwards.
Let me know if you'll be able to make it.

The [Send Fax Wizard (Schedule)] window will appear.

6. **If you wish to send the fax immediately, select "Now", and then click on the [Next] button**



Schedule

Specify when you want your fax to be sent, and set priority.
Higher priority faxes will be sent first.

When do you want to send this fax?

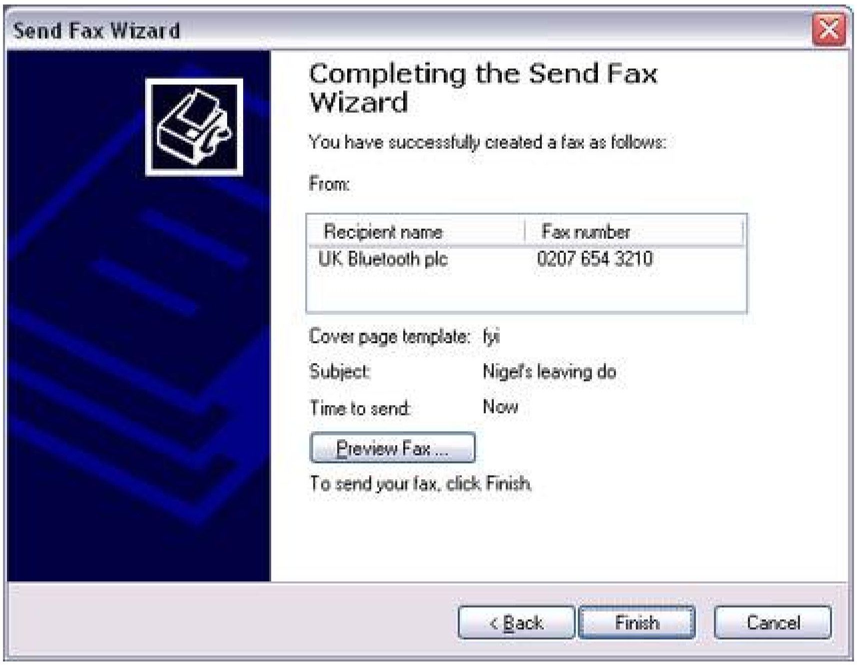
● Now
○ When discount rates apply
○ Specific time in the next 24 hours: 08:52:13

What is the fax priority?

○ High
● Normal
○ Low

The [Send Fax Wizard (Completing the Send Fax Wizard)] window will appear.

7. **Confirm the destination information and transmission details, and then click on the [Finish] button**



Completing the Send Fax Wizard

You have successfully created a fax as follows:

From:

Recipient name	Fax number
UK Bluetooth plc	0207 654 3210

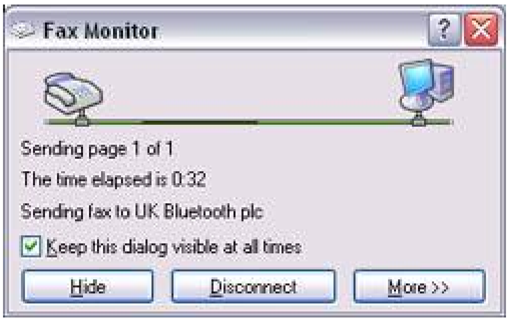
Cover page template: fyi

Subject: Nigel's leaving do

Time to send: Now

To send your fax, click Finish.

The software will automatically dial the number and send the fax.



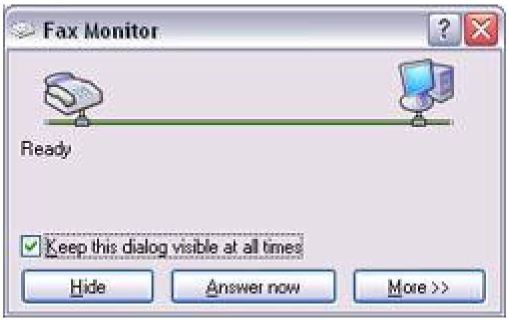
Sending page 1 of 1

The time elapsed is 0:32

Sending fax to UK Bluetooth plc

☑ Keep this dialog visible at all times

Once the fax has been sent, Fax Monitor will revert to standby mode.



Ready

☑ Keep this dialog visible at all times

Related topic: "Receiving a fax"

Receiving a fax

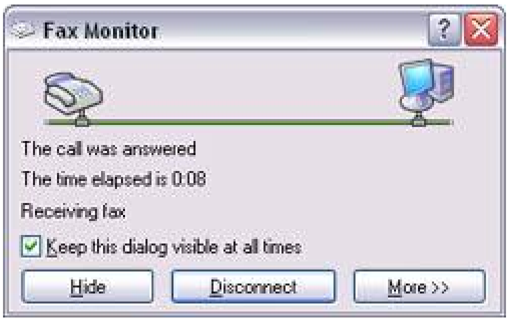
This section describes what to do when a fax arrives after you have established a connection to a modem station.

Important

- The Fax service must be enabled for receiving in order for you to receive a fax.
  Please refer to "Using a mobile telephone" under "Troubleshooting" for information on how to change the send and receive settings once the fax service has been configured.
- Please ensure you have connected to a modem station before you receive a fax (the device will be connected to the modem if "Enable Receive" has been selected or COM Auto Connect has been activated).

Procedure

1. **When a fax arrives, the Fax Monitor will start automatically as the fax is received**

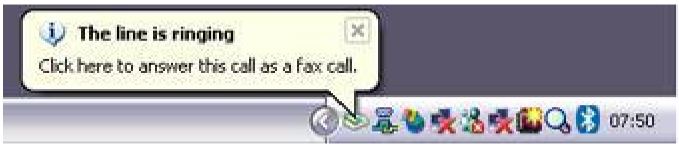


The call was answered
The time elapsed is 0:08
Receiving fax

Once the fax has been received, the Fax Monitor will revert to standby mode.

Note

- If you have enabled manual fax reception, the message below will appear when a fax arrives.

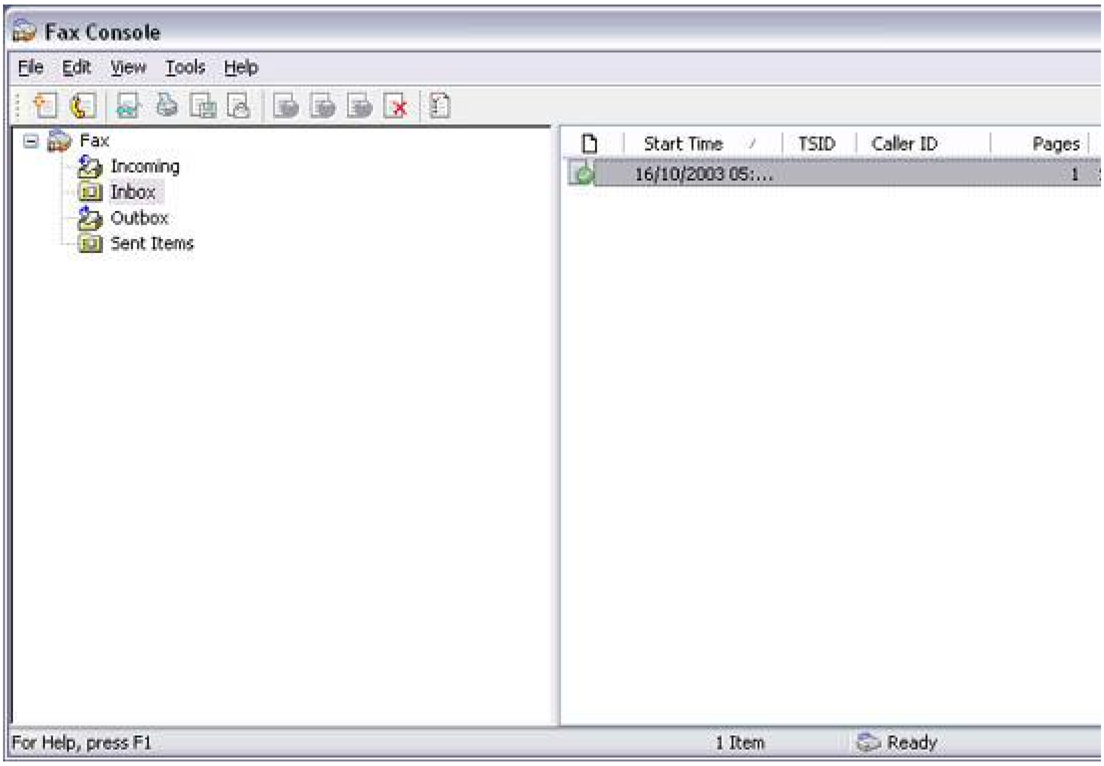


The line is ringing
Click here to answer this call as a fax call.

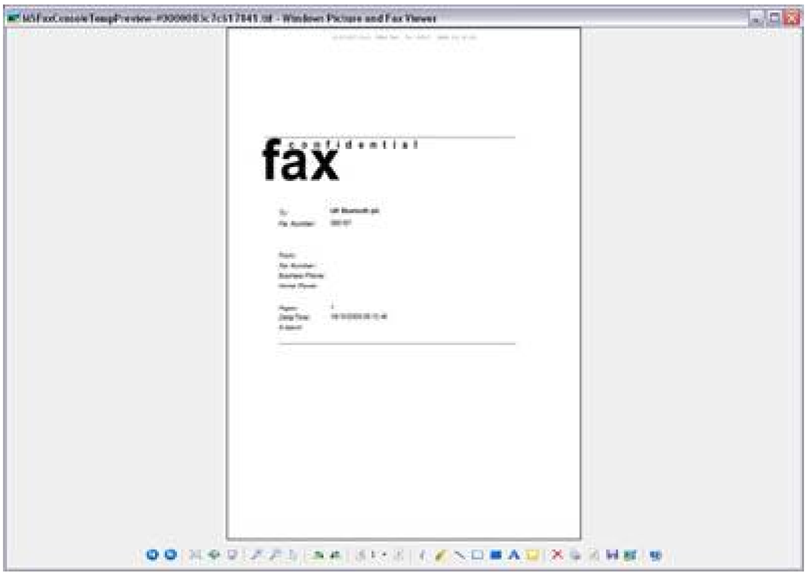
Click on the message with your mouse to receive the fax.

2. **Double-click on the [Fax] icon in the Control Panel**
   The [Fax Console] window will appear.

3. **In the [Fax Console] window, double-click on the fax that has arrived**



An image of the received fax will be displayed.



Related topic: "Sending a fax"

Sending images to a mobile telephone [BIP]

You can send image data to a Bluetooth-compatible mobile telephone.
Large images will be automatically reduced to fit on the telephone display screen.

Images are sent using "Image transfer" under Bluetooth Information Exchanger.

Note

- The mobile telephone must support the BIP profile.
- The following image file formats can be sent and received using "Image transfer":
  - Bitmap (*.bmp)
  - JPEG (*.jpg, *.jpeg)
  - PNG (*.png)

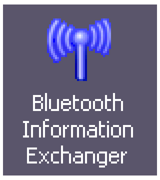
Sending images to a mobile telephone (using icons)
Sending images to a mobile telephone (by right-clicking the mouse)

Procedure

¦Sending images to a mobile telephone (using icons)

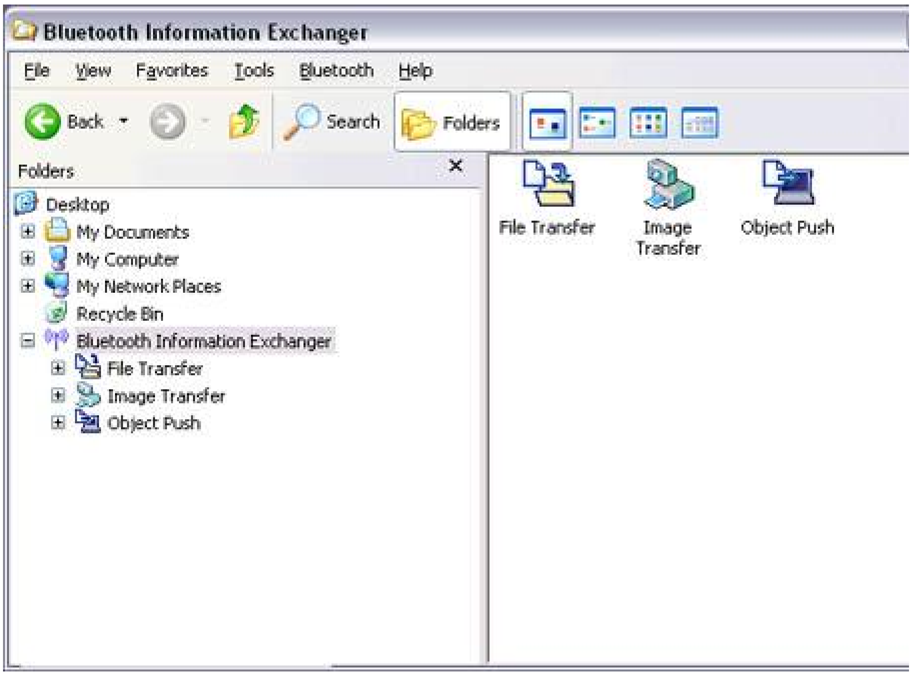
1. **Turn on the PC or PDA**
   Confirm that a Bluetooth connection has been enabled before proceeding.

2. **Double-click on the Bluetooth Information Exchanger icon on the Desktop**



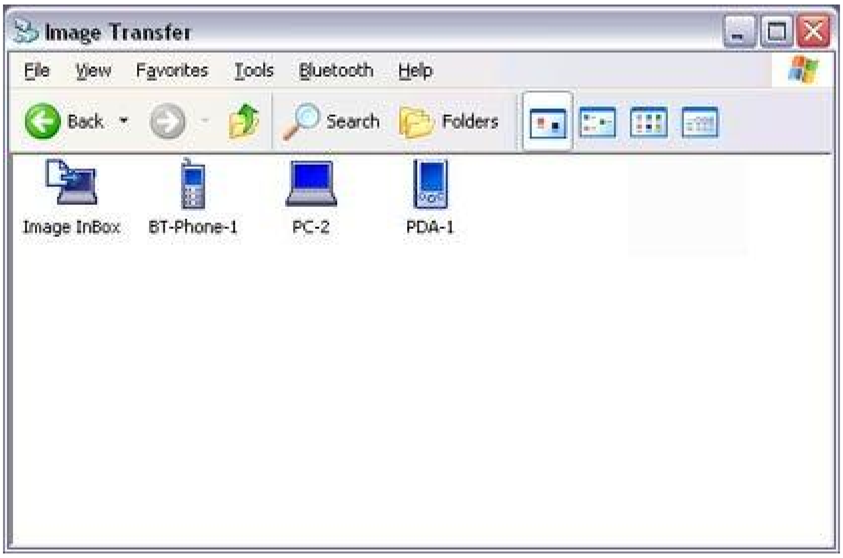
Note

- Alternatively, opening Explorer and clicking on the Bluetooth Information Exchanger folder will produce the same result.



The [Bluetooth Information Exchanger] window will appear.

3. **Double-click on the [Image transfer] icon**
   A list of devices will appear in the [Image transfer] window.

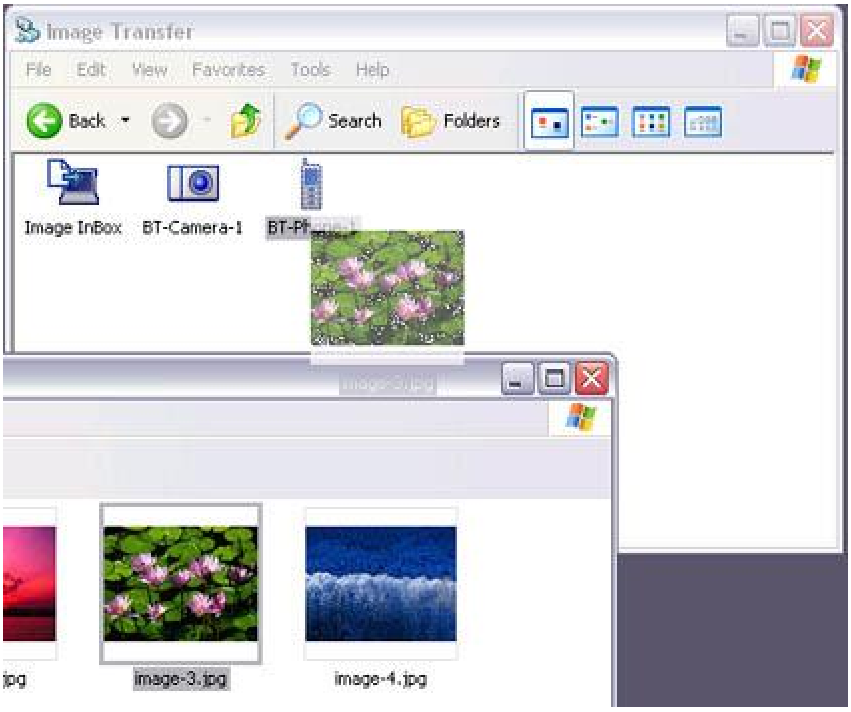


Note

- If the desired device does not appear in the list, please confirm that the device has been turned on, and then select [Bluetooth]->[Search Devices].
  A device search will be performed.

4. **Drag and drop the file you wish to send over the destination icon**

In this case, the image will be sent to a mobile telephone named "BT-Phone-1".



The image will be sent.
If the image has been sent successfully, the message below will appear.
Please click on the [OK] button.

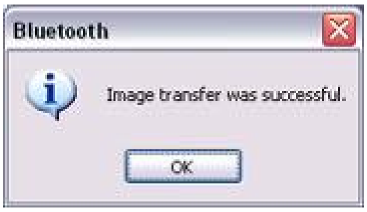
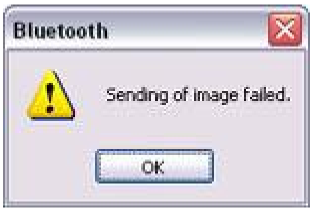


Image transfer was successful.

The message below will appear if the image transmission was unsuccessful.
Please click on the [OK] button to close the message, and repeat the procedure.

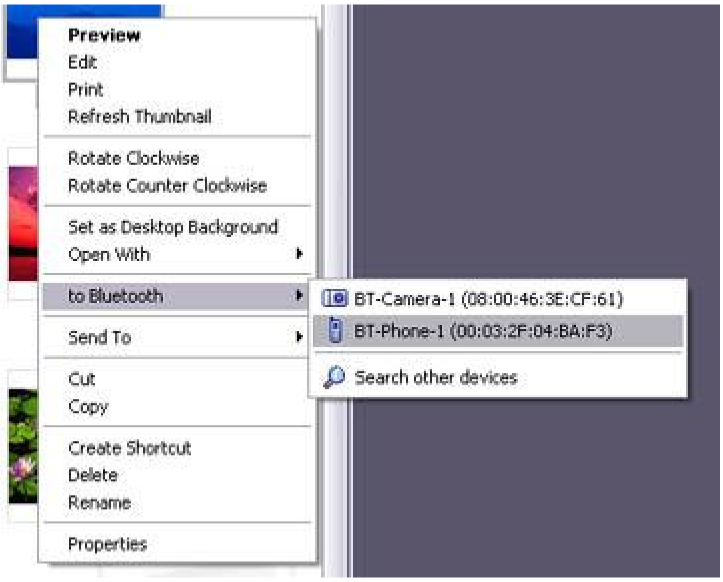


Sending of image failed.

Sending images to a mobile telephone (by right-clicking the mouse)

1. **Turn on the mobile telephone**
   Confirm that a Bluetooth connection has been enabled before proceeding.

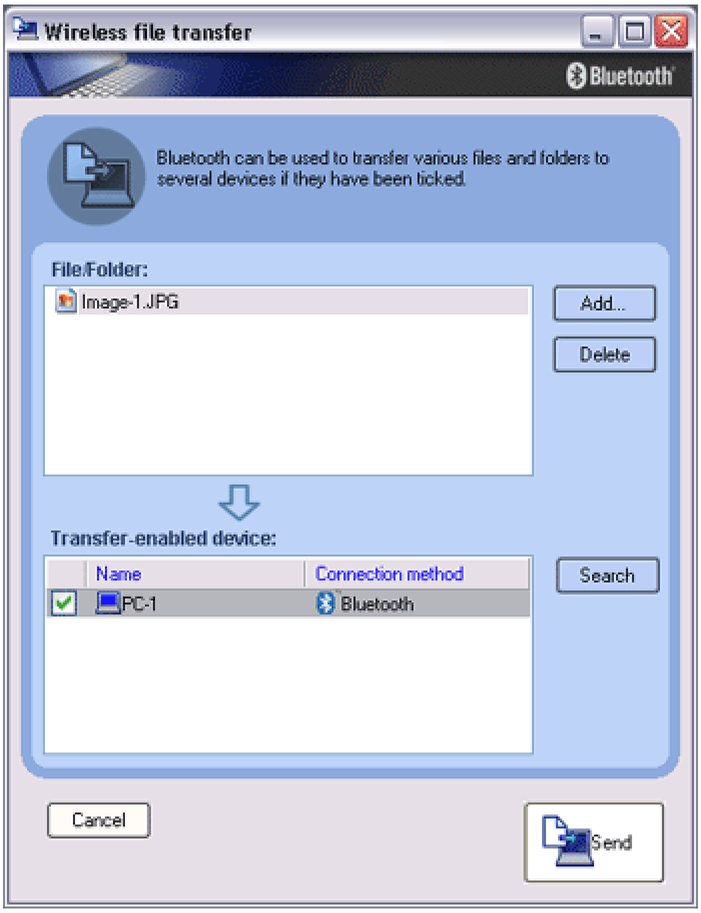
2. **Right-click on the file you wish to send, and then click on its destination from [to Bluetooth]**



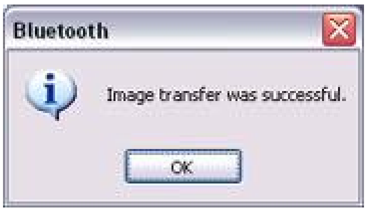
Note

- If the desired device does not appear in the list, please confirm that the device has been turned on, and then select [to Bluetooth]->[Search other devices].

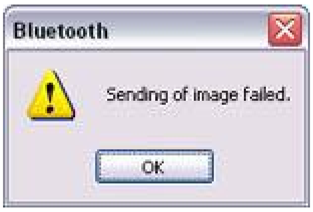
  Once the devices have been detected, the message below will appear. Please select the destination device, and then click on the [Send] button.



The image will be sent.
If the image has been sent successfully, the message below will appear.
Please click on the [OK] button.



The message below will appear if the image transmission was unsuccessful.
Please click on the [OK] button to close the message, and repeat the procedure.

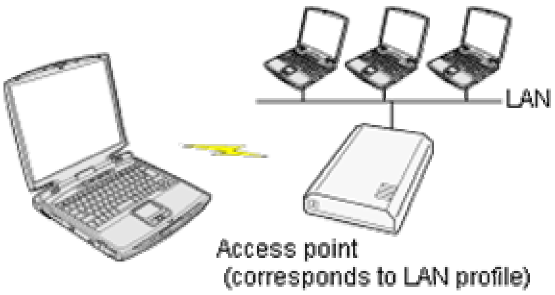


Connecting to a LAN using an access point (LAP)

[LAP]

This section describes how to connect to a network (for example, a company LAN or a personal home network) using a LAP profile-compatible access point.

Please refer to "Using an access point (PAN) to connect to a LAN if you are using a PAN profile-compatible access point.



Setting up the access point

Connecting to a LAN (LAP)

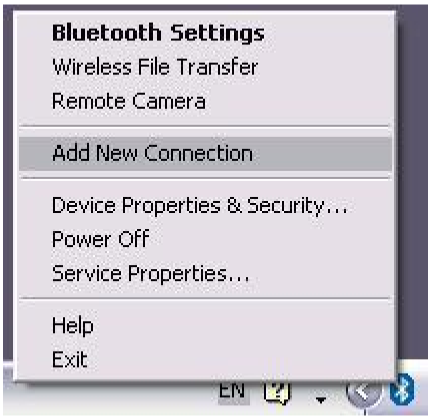
Important

- The access point must have been started and a normal connection already established to the network before the access point is set up. Please refer to the access point instruction manual for information on how to set up the access point.
- A Bluetooth passkey (PIN code) is required for you to connect to the access point. Please make a note of your Bluetooth passkey before you start the set-up process.

Setting up the access point

Procedure

1. **Turn on the access point, and confirm that a connection has been established with the network**
2. **Right-click the Bluetooth icon in the task tray, and then click on [Add New Connection]**

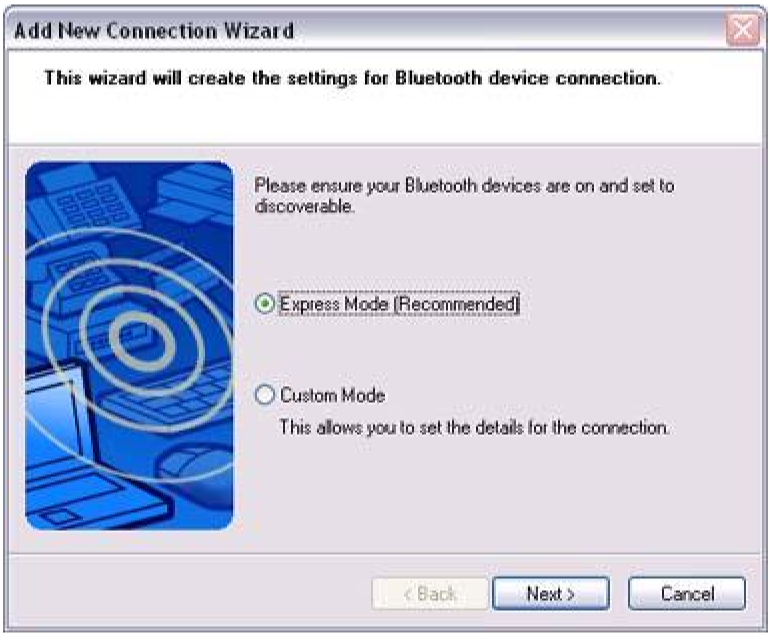


Note

- Alternatively, click [Start]->[All Programs]->[Bluetooth]->[Bluetooth Settings], and then click on [New Connection] from the active [Bluetooth Settings] window.

The [Add New Connection Wizard (Welcome to the Add New Connection Wizard)] window will appear.

3. **Confirm that [Express Mode] has been selected, and then click on the [Next] button**



Add New Connection Wizard

This wizard will create the settings for Bluetooth device connection.

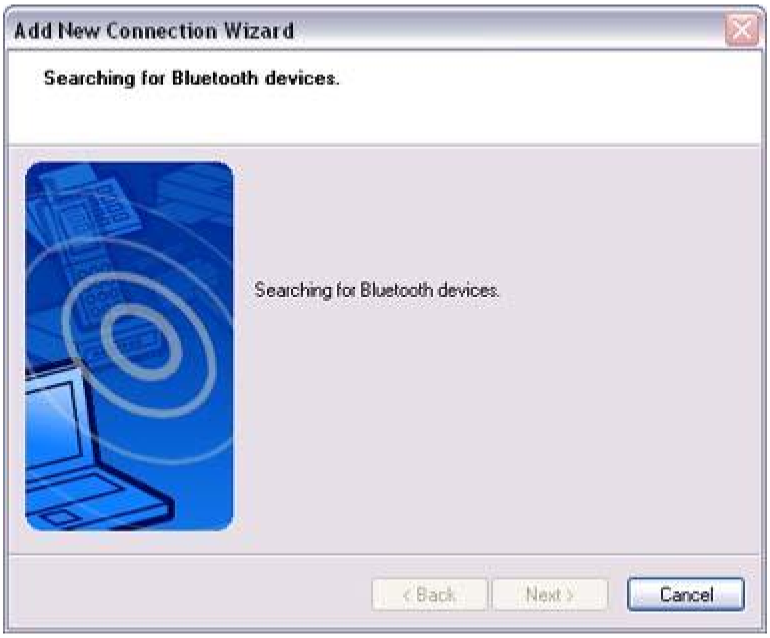
Please ensure your Bluetooth devices are on and set to discoverable.

● Express Mode (Recommended)

○ Custom Mode

This allows you to set the details for the connection.

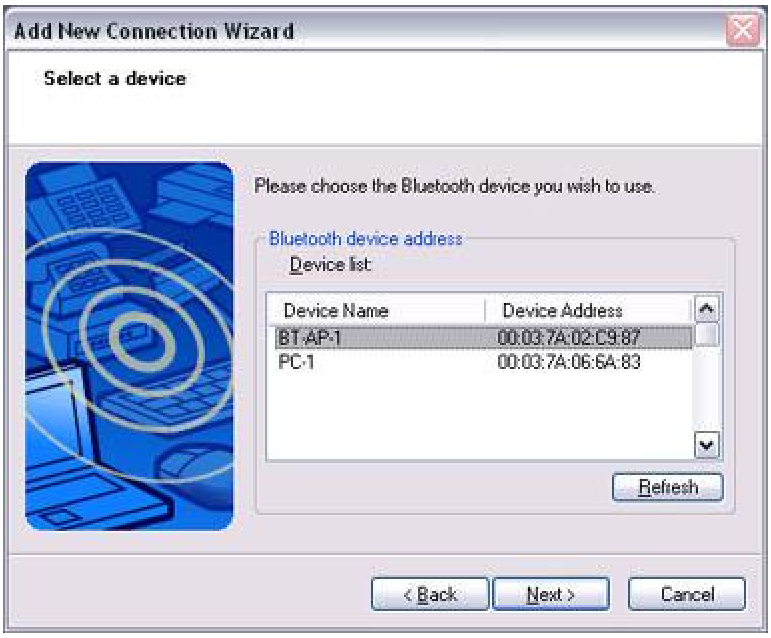
The [Add New Connection Wizard (Searching for Bluetooth devices)] window will appear.



Searching for Bluetooth devices.

Once the program has finished searching for the devices, the [Add New Connection Wizard (Device Selection)] window will appear.

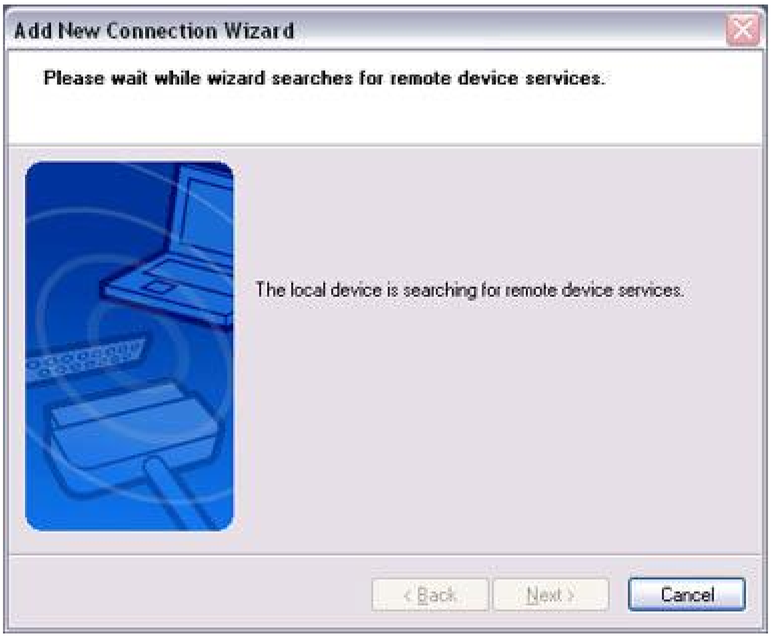
4. **Select the device name of the access point from [Device List], and then click on the [Next] button**



Please choose the Bluetooth device you wish to use.

Device Name	Device Address
BT-AP-1	00:03:7A:02:C9:87
PC-1	00:03:7A:06:6A:83

The [Add New Connection Wizard (Searching for Services)] window will appear.



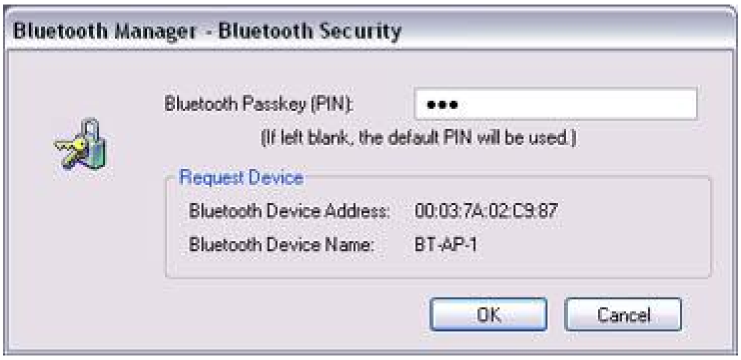
Add New Connection Wizard

Please wait while wizard searches for remote device services.

The local device is searching for remote device services.

You will be asked for the Bluetooth passkey in the window that appears.

5. **Enter the passkey under [Bluetooth Passkey (PIN code)], and then click on the [OK] button**



Bluetooth Manager - Bluetooth Security

Bluetooth Passkey (PIN): •••

(If left blank, the default PIN will be used.)

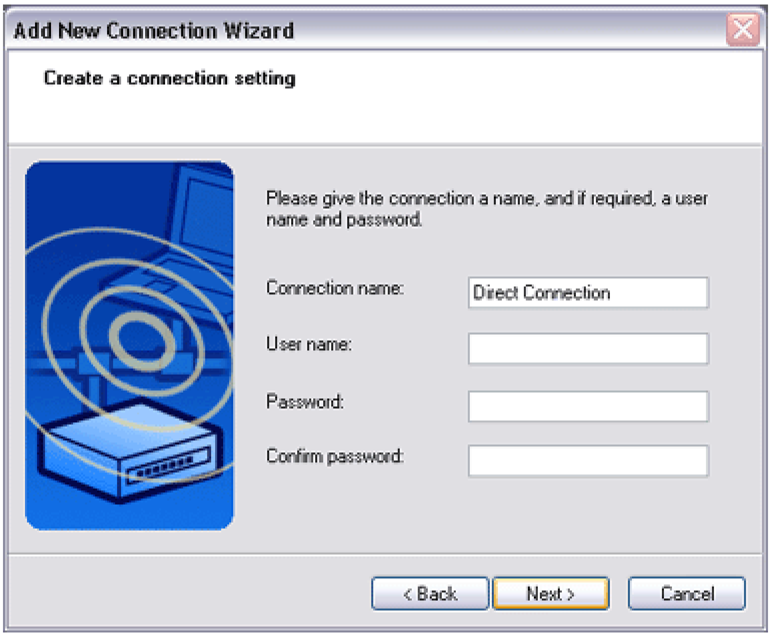
Request Device

Bluetooth Device Address: 00:03:7A:02:C9:87

Bluetooth Device Name: BT-AP-1

Service detection and COM port creation will be performed automatically.
The [Add New Connection Wizard (Create Connection Destination)] window will appear.

6. **Enter the connection name, user name and password, then click on the [Next] button**



Create a connection setting

Please give the connection a name, and if required, a user name and password.

Connection name: Direct Connection

User name:

Password:

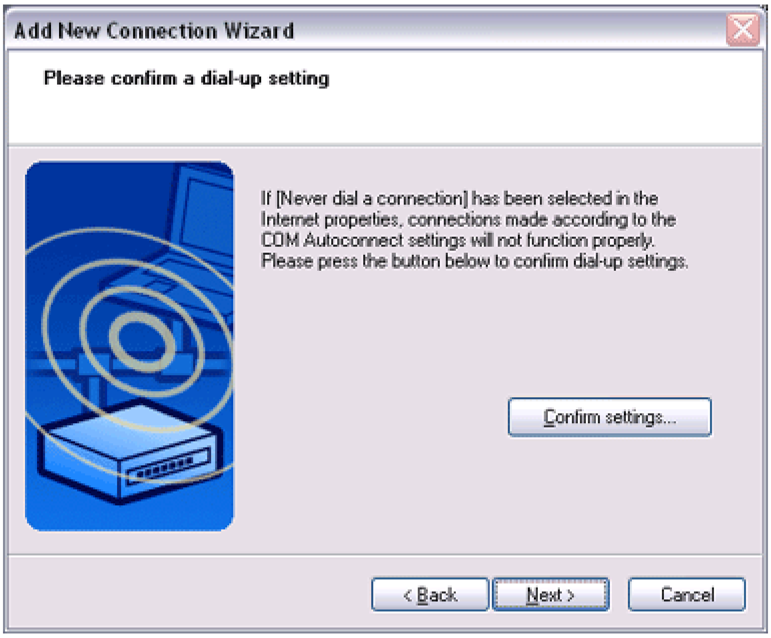
Confirm password:

Note

- The user name and password are entered here to allow you to connect to the access point.

The [Add New Connection Wizard (Confirm Dial-up Settings)] window will appear.

7. **Click on the [Confirm Settings] button**



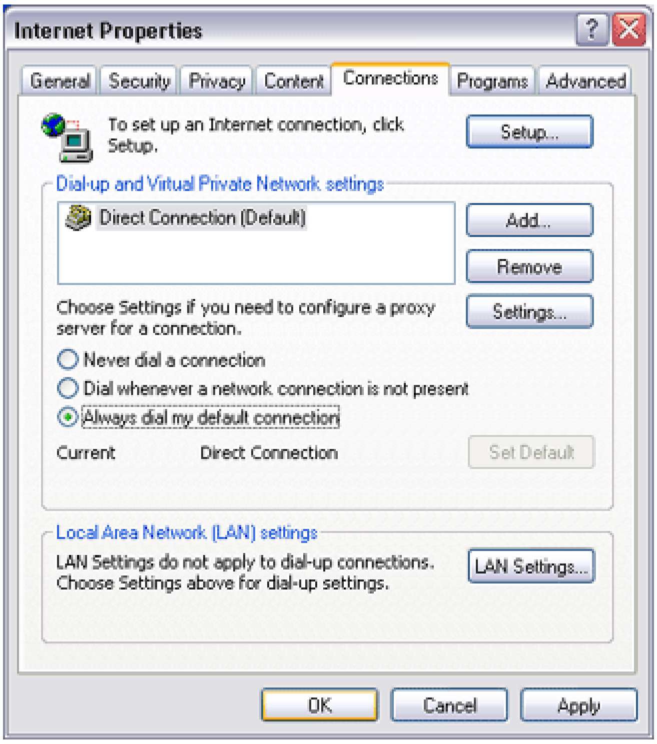
Please confirm a dial-up setting

If [Never dial a connection] has been selected in the Internet properties, connections made according to the COM Autoconnect settings will not function properly. Please press the button below to confirm dial-up settings.

The [Internet Options] window will appear.

8. **Configure the connection method, and then click on the [OK] button**

Set the connection destination used for the LAN connection set up in (6) above as the default connection destination, and then select "Always dial my default connection."



To set up an Internet connection, click Setup.

Dial-up and Virtual Private Network settings

Direct Connection (Default)

Choose Settings if you need to configure a proxy server for a connection.

○ Never dial a connection

○ Dial whenever a network connection is not present

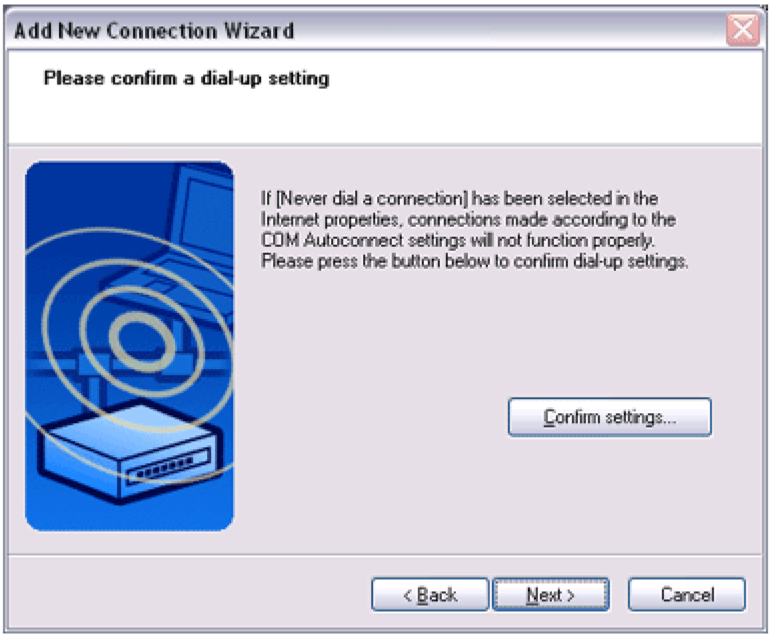
● Always dial my default connection

Current Direct Connection

Local Area Network (LAN) settings

LAN Settings do not apply to dial-up connections. Choose Settings above for dial-up settings.

9. **Click on the [Next] button**

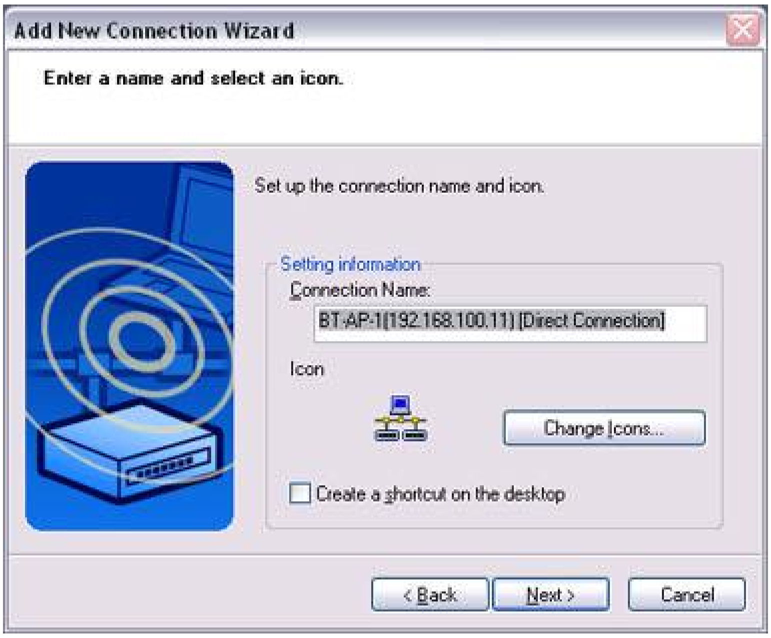


Please confirm a dial-up setting

If [Never dial a connection] has been selected in the Internet properties, connections made according to the COM Autoconnect settings will not function properly. Please press the button below to confirm dial-up settings.

The [Add New Connection Wizard (Connection Name Settings)] window will appear.

10. **Enter the type and name of the icon displayed after registration, and then click on the [Next] button**
Please click on the [Next] button if you are satisfied with the settings.



Add New Connection Wizard

Enter a name and select an icon.

Set up the connection name and icon.

Setting information

Connection Name: BT-AP-1(192.168.100.11) [Direct Connection]

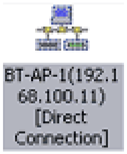
Icon

☐ Create a shortcut on the desktop

The [Add New Connection Wizard (Completing the Add New Connection Wizard)] window will appear.

11. **Click on the [Finish] button**

The access point icon will be registered in the [Bluetooth Settings] window.



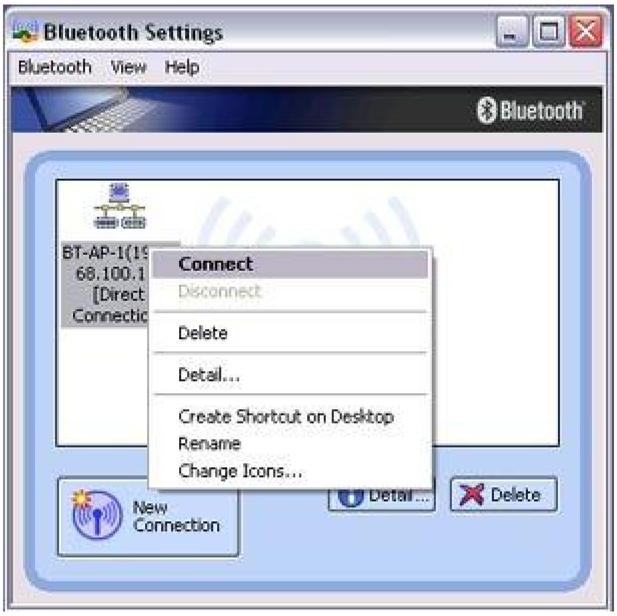
This will complete the access point set-up process.

"**Connecting to a LAN (LAP)**"

Connecting to a LAN (LAP)

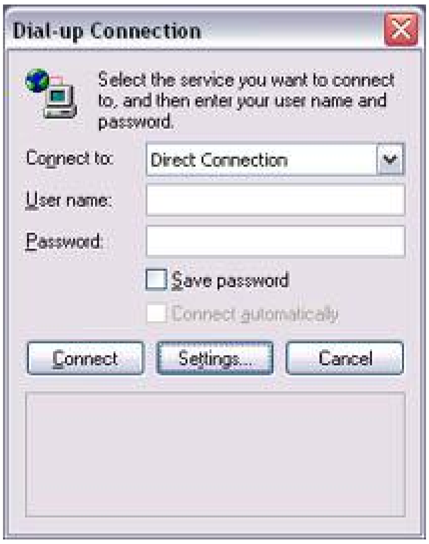
Procedure

1. **Right-click on the connection icon in the [Bluetooth Settings] window, and then click on [Connect]**



The [Dial-up Connection] window will appear.

2. **Confirm that "Direct connection" has been selected under [Connection Destination], and then click on the [Connect] button**



Select the service you want to connect to, and then enter your user name and password.

Connect to: Direct Connection

User name:

Password:

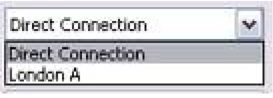
☐ Save password

☐ Connect automatically

A connection will be initiated.

Note

- This is an example of what happens when you use "Direct connection" as a connection name under "Connect to access point." If a name different from the connection name is used, that name will appear under [Connection Destination].
- Please simply click on [Settings] if no user name or password have been entered (i.e., if those fields have been left blank)
- Please change the connection destination if a different connection name (for a dial-up connection) appears in [Connection Destination].



Related topic "Changing the default connection destination"

Once you connect to the network, Internet Explorer will start automatically, and you will be able to exchange data with other computers on the network.

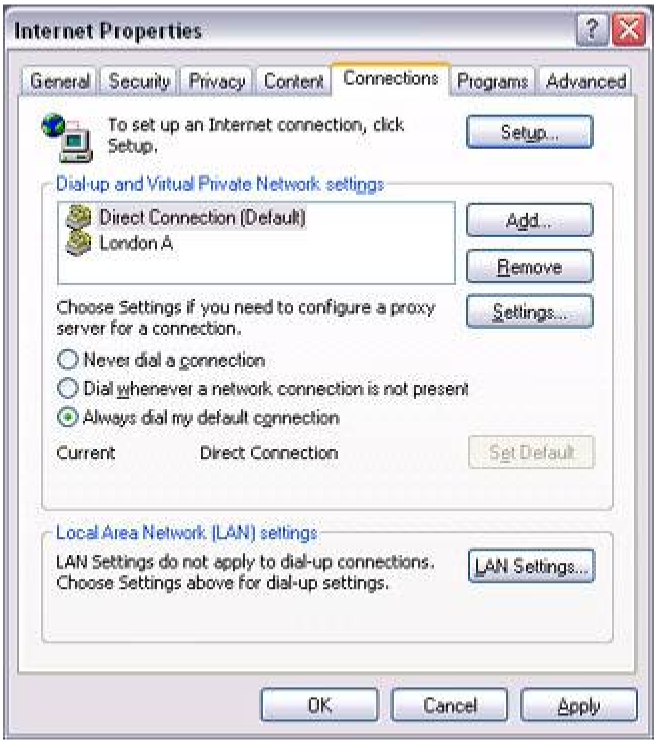
Note

- Please follow the procedure below if you need to set up a proxy server to connect to the Internet (the following procedure is not necessary if the PC you are going to use has already been set up as a proxy server).

1 Select [Internet Options...] from the [Tools] menu in Internet Explorer

The [Internet Options] window will appear.

2 Click on the [Connections] tab, and then click on the [Settings...] button



Internet Properties

General | Security | Privacy | Content | Connections | Programs | Advanced

To set up an Internet connection, click Setup.

Dial-up and Virtual Private Network settings

Direct Connection (Default)
London A

Choose Settings if you need to configure a proxy server for a connection.

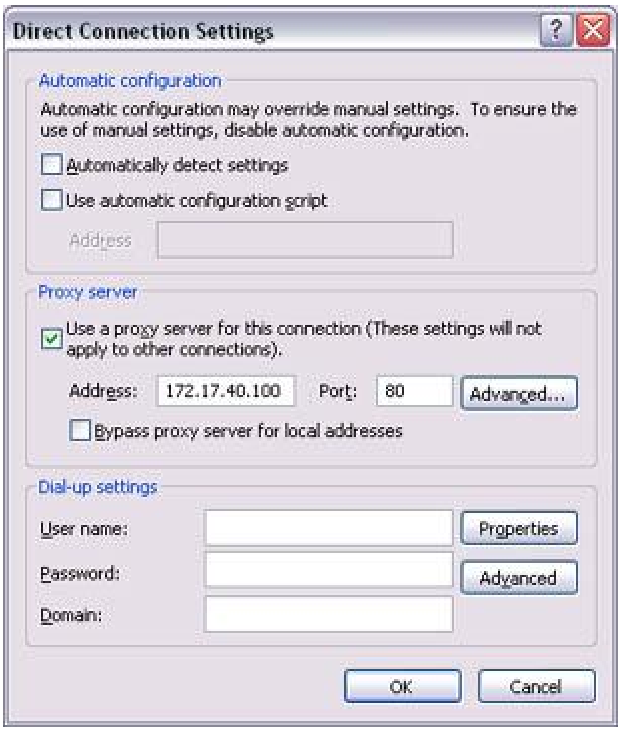
○ Never dial a connection
○ Dial whenever a network connection is not present
● Always dial my default connection

Current Direct Connection

Local Area Network (LAN) settings

LAN Settings do not apply to dial-up connections. Choose Settings above for dial-up settings.

3 Enter the IP address and port number of the proxy server under [Proxy Server], and then click on the [OK] button



Direct Connection Settings

Automatic configuration

Automatic configuration may override manual settings. To ensure the use of manual settings, disable automatic configuration.

☐ Automatically detect settings
☐ Use automatic configuration script

Address

Proxy server

☑ Use a proxy server for this connection (These settings will not apply to other connections).

Address: 172.17.40.100 Port: 80

☐ Bypass proxy server for local addresses

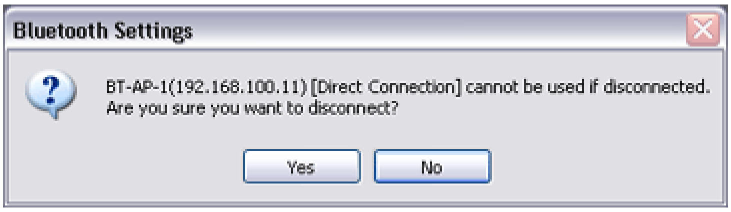
Dial-up settings

User name:
Password:
Domain:

3. **End the connection**

Right-click either on the connection icon under the [Bluetooth Settings] window or on the icon in the task tray, and then click on

[Disconnect].



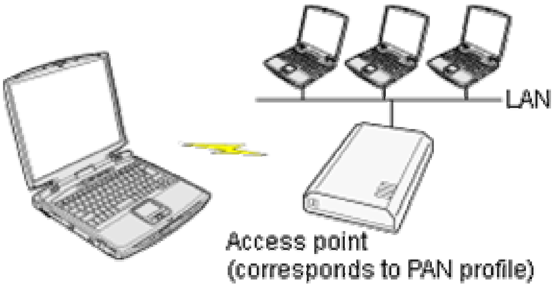
BT-AP-1(192.168.100.11) [Direct Connection] cannot be used if disconnected.
Are you sure you want to disconnect?

Click on the "Yes" button in the disconnection confirmation dialog box that appears.

Connecting to a LAN using an access point (PAN)

[PAN]

This section describes how to connect to a network (for example, a company LAN or a personal home network) using a PAN profile-compatible access point.
Please refer to "Using an access point (LAP) to connect to a LAN" if you are using a LAP profile-compatible access point.



Setting up the access point
Connecting to a LAN (PAN)

Important

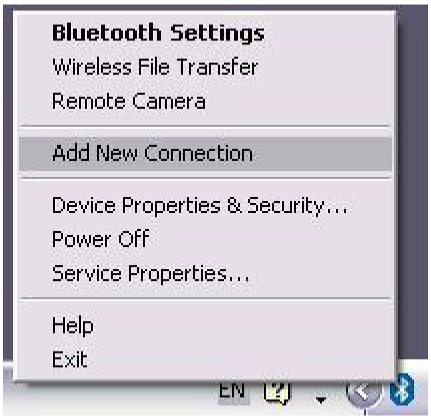
- The access point must be started and a normal connection already established to the network before the access point is set up. Please refer to the access point instruction manual for information on how to set up the access point.
- A Bluetooth passkey (PIN code) is required for you to connect to the access point. Please make a note of your Bluetooth passkey before you start the set-up process.

Setting up the access point

Procedure

1. **Turn on the access point, and confirm that a connection has been established with the network**

2. **Right-click the Bluetooth icon in the task tray, and then click on [Add New Connection]**

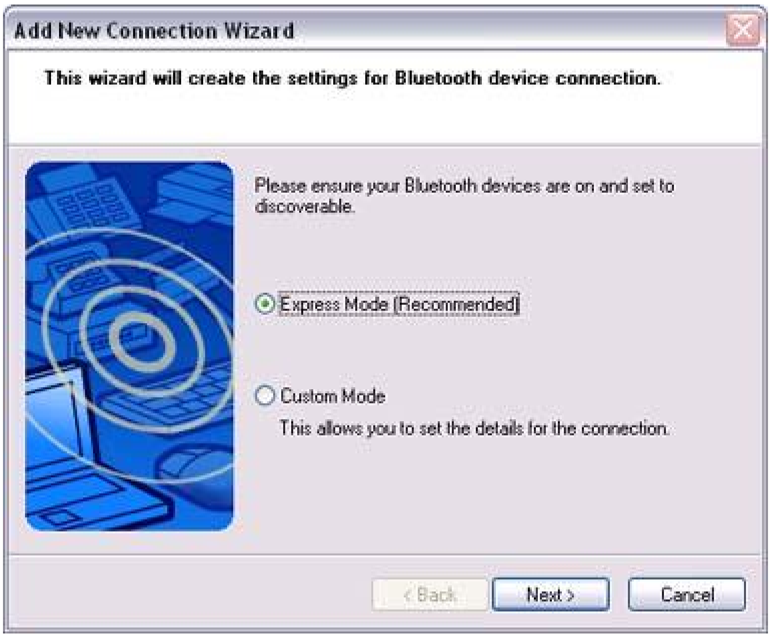


Note

- Alternatively, click [Start]->[All Programs]->[Bluetooth]->[Bluetooth Settings], and then click on [New Connection] from the active [Bluetooth Settings] window.

The [Add New Connection Wizard (Welcome to the Add New Connection Wizard)] window will appear.

3. **Confirm that [Express Mode] has been selected, and then click on the [Next] button**



Add New Connection Wizard

This wizard will create the settings for Bluetooth device connection.

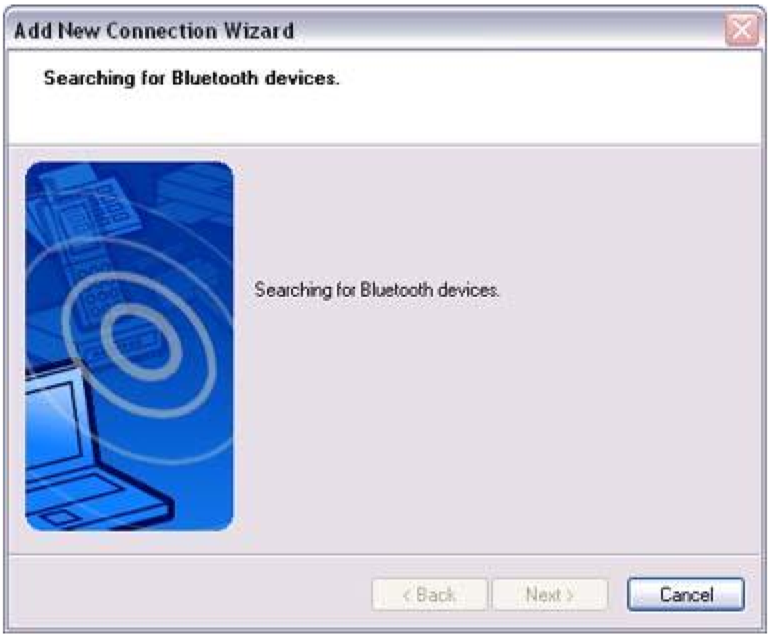
Please ensure your Bluetooth devices are on and set to discoverable.

● Express Mode (Recommended)

○ Custom Mode

This allows you to set the details for the connection.

The [Add New Connection Wizard (Searching for Bluetooth devices)] window will appear.

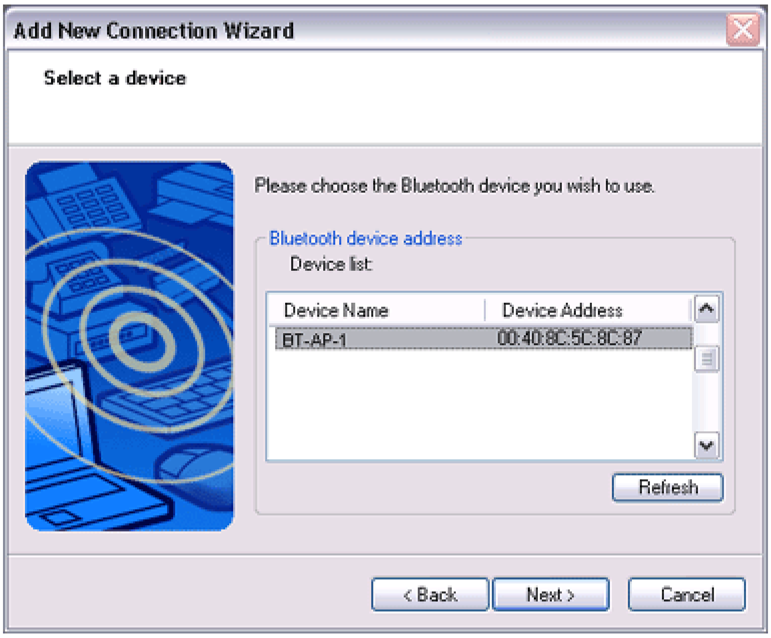


Searching for Bluetooth devices.

Searching for Bluetooth devices.

Once the program has finished searching for the devices, the [Add New Connection Wizard (Device Selection)] window will appear.

4. **Select the device name of the access point from [Device List], and then click on the [Next] button**



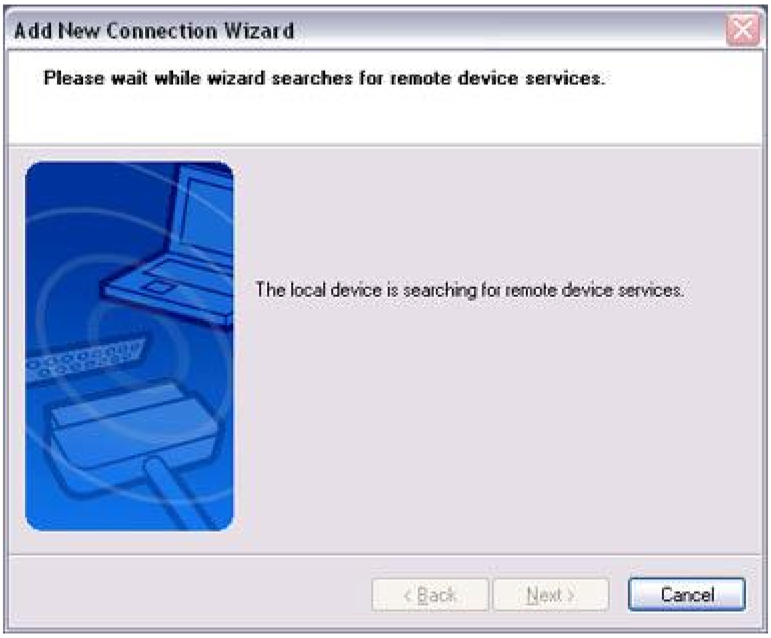
Select a device

Please choose the Bluetooth device you wish to use.

Device list:

Device Name	Device Address
BT-AP-1	00:40:8C:5C:8C:87

The [Add New Connection Wizard (Searching for Services)] window will appear.



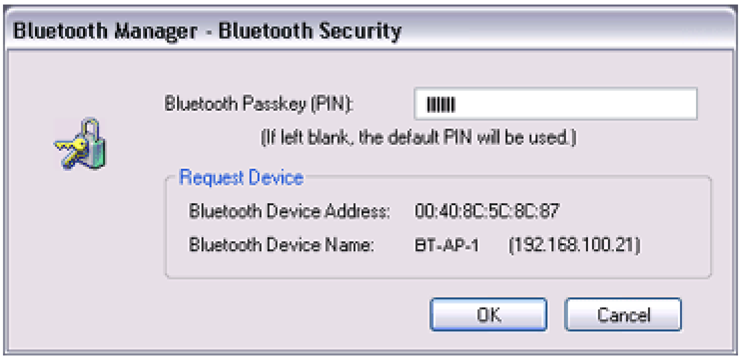
Add New Connection Wizard

Please wait while wizard searches for remote device services.

The local device is searching for remote device services.

You will be asked for the Bluetooth passkey in the window that appears.

5. **Enter the passkey under [Bluetooth Passkey (PIN code)], and then click on the [OK] button**



Bluetooth Manager - Bluetooth Security

Bluetooth Passkey (PIN): ||||||

(If left blank, the default PIN will be used.)

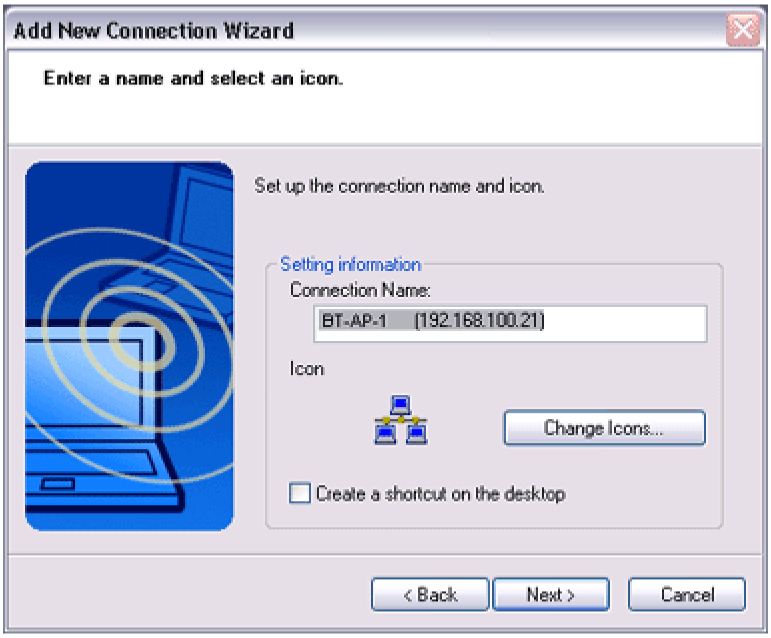
Request Device

Bluetooth Device Address: 00:40:8C:5C:8C:87

Bluetooth Device Name: BT-AP-1 (192.168.100.21)

Service detection and COM port creation will be performed automatically.
The [Add New Connection Wizard (Connection Name Settings)] window will appear.

6. **Enter the type and name of the icon displayed after registration, and then click on the [Next] button**
Please click on the [Next] button if you are satisfied with the settings.



Enter a name and select an icon.

Set up the connection name and icon.

Setting information

Connection Name: BT-AP-1 (192.168.100.21)

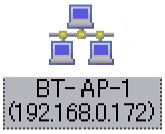
Icon

☐ Create a shortcut on the desktop

The [Add New Connection Wizard (Completing the Add New Connection Wizard)] window will appear.

7. **Click on the [Finish] button**

The access point icon will be registered in the [Bluetooth Settings] window.



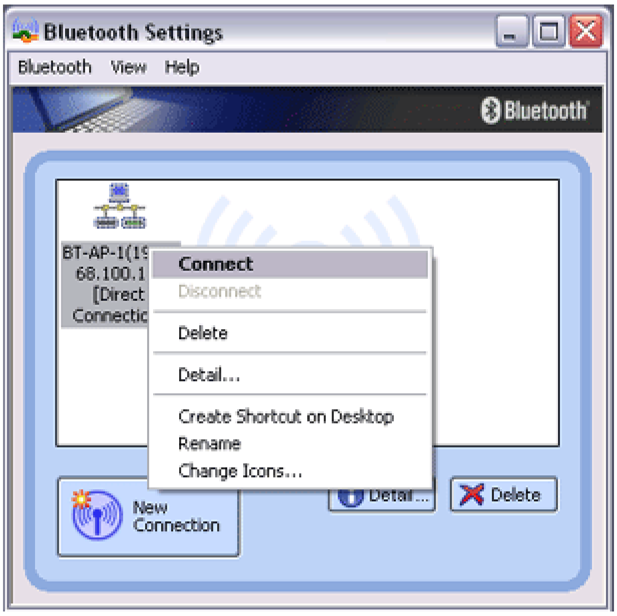
This will complete the access point set-up process.

"Connecting to a LAN (PAN)"

Connecting to a LAN (PAN)

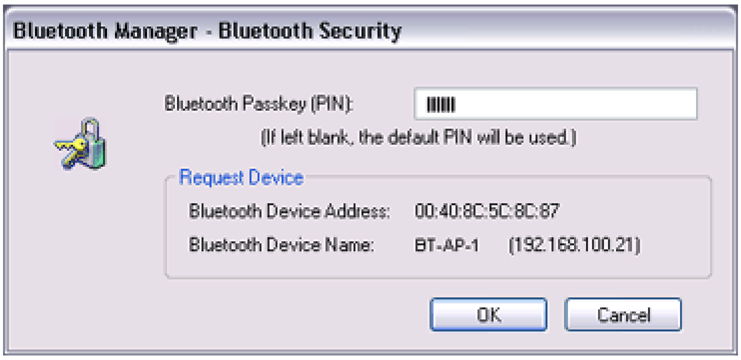
Procedure

1. **Right-click on the connection icon in the [Bluetooth Settings] window, and then click on [Connect]**



You will be asked for the Bluetooth passkey in the window that appears.

2. **Enter the passkey under [Bluetooth Passkey (PIN code)], and then click on the [OK] button**


Bluetooth Manager - Bluetooth Security

Bluetooth Passkey (PIN): ||||||

(If left blank, the default PIN will be used.)

Request Device

Bluetooth Device Address: 00:40:8C:5C:8C:87

Bluetooth Device Name: BT-AP-1 (192.168.100.21)

A connection will be initiated.

Once you have connected to the network, Internet Explorer will start automatically, and you will be able to exchange data with other computers on the network.

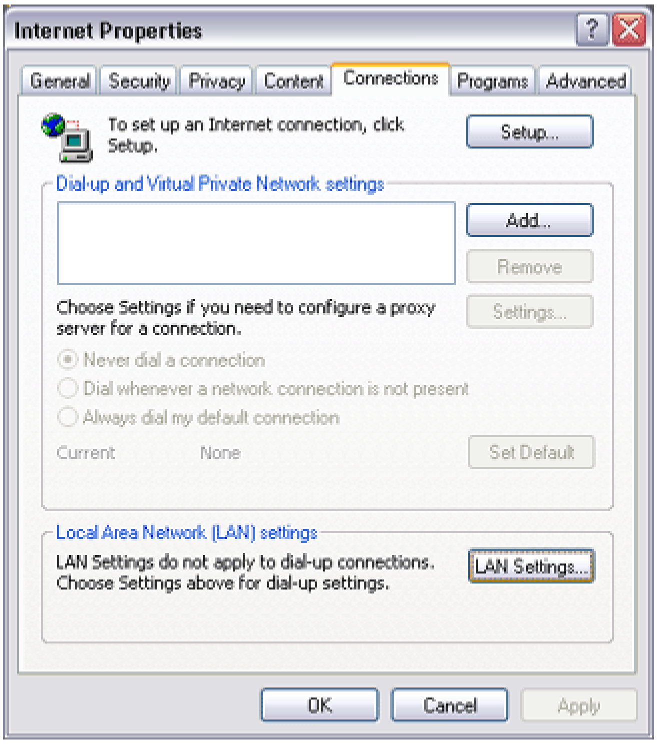
Note

- Please follow the procedure below if you need to set up a proxy server to connect to the Internet (the following procedure is not necessary if the PC you are going to use has already been set up as a proxy server).

1 Select [Internet Options...] from the [Tools] menu in Internet Explorer

The [Internet Options] window will appear.

2 Click on the [Connections] tab, and then click on the [LAN Settings...] button



To set up an Internet connection, click Setup.

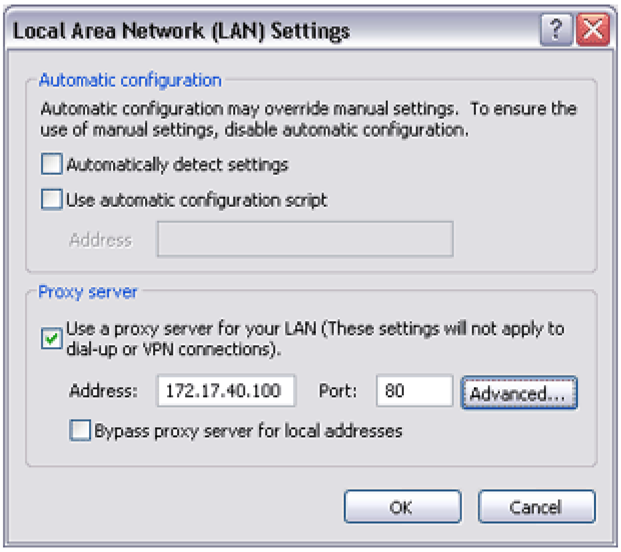
Choose Settings if you need to configure a proxy server for a connection.

● Never dial a connection
○ Dial whenever a network connection is not present
○ Always dial my default connection

Current None

LAN Settings do not apply to dial-up connections. Choose Settings above for dial-up settings.

3 Enter the IP address and port number of the proxy server under [Proxy Server], and then click on the [OK] button



Local Area Network (LAN) Settings

Automatic configuration

Automatic configuration may override manual settings. To ensure the use of manual settings, disable automatic configuration.

☐ Automatically detect settings

☐ Use automatic configuration script

Address:

Proxy server

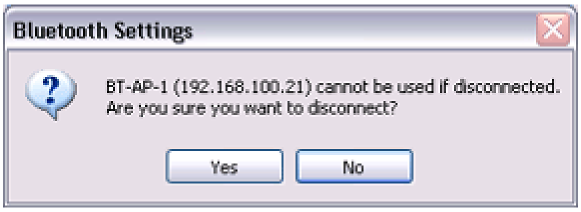
☑ Use a proxy server for your LAN (These settings will not apply to dial-up or VPN connections).

Address: 172.17.40.100 Port: 80

☐ Bypass proxy server for local addresses

3. End the connection

Right-click either on the connection icon under the [Bluetooth Settings] window or on the icon in the task tray, and then click on [Disconnect].



Bluetooth Settings

BT-AP-1 (192.168.100.21) cannot be used if disconnected.
Are you sure you want to disconnect?

Click on the "Yes" button in the disconnection confirmation dialog box that appears.

Printing

This section describes how to use a Bluetooth-compatible printer for printing.

Types of printer functions

When printing using Bluetooth, the methods for configuring and using the printer will vary with the corresponding profile.

Profile	**Bluetooth Settings**	**Operation**
HCRP (*1)	You must register the printer in	Allows you to print from various applications, as with ordinary cable-connected printers.

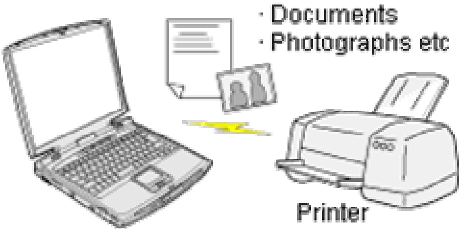
SPP	Bluetooth Settings	"Printing document and images"
OPP (*2)	Not required	Allows you to print business card data directly. "Printing business card data"
BIP	Not required	Allows you to print image data directly. "Printing images directly from a digital camera or other device"

Note

- (*1) The majority of Bluetooth-compatible printers support HCRP. If you have selected Express Mode, HCRP will be chosen as the default profile. If the printer does not support HCRP, then SPP will be the next choice.
- (*2) The printing of business cards using OPP complies exclusively with the business card (vCARD) standard.

Printing documents and images [HCRP] [SPP]

This section describes how to print using a Bluetooth-compatible printer.



Setting up the printer
Printing

Important

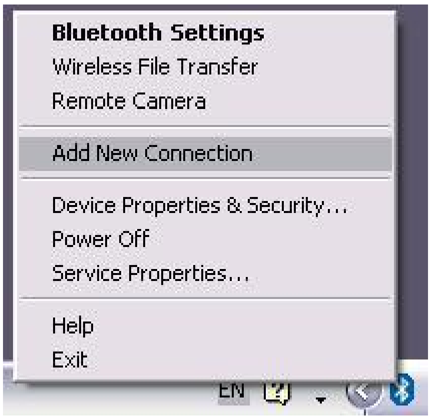
- Please ensure that any printer-specific drivers have been installed on the PC before you have established a Bluetooth connection.
- A Bluetooth passkey (PIN code) is required for you to connect to the printer. Please make a note of your Bluetooth passkey before you start the set-up process.

Setting up the printer

Procedure

1. **Turn on the printer**

2. **Right-click on the Bluetooth icon in the task tray, and then click on [Add New Connection]**

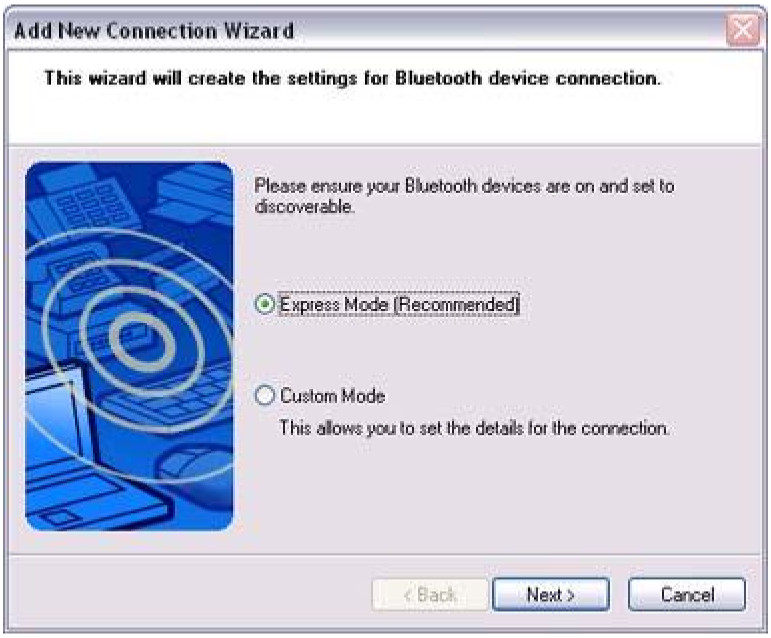


Note

- Alternatively, click [Start]->[All Programs]->[Bluetooth]->[Bluetooth Settings], and then click on [New Connection] from the active [Bluetooth Settings] window.

The [Add New Connection Wizard (Welcome to the Add New Connection Wizard)] window will appear.

3. **Confirm that [Express Mode] has been selected, and then click on the [Next] button**



Add New Connection Wizard

This wizard will create the settings for Bluetooth device connection.

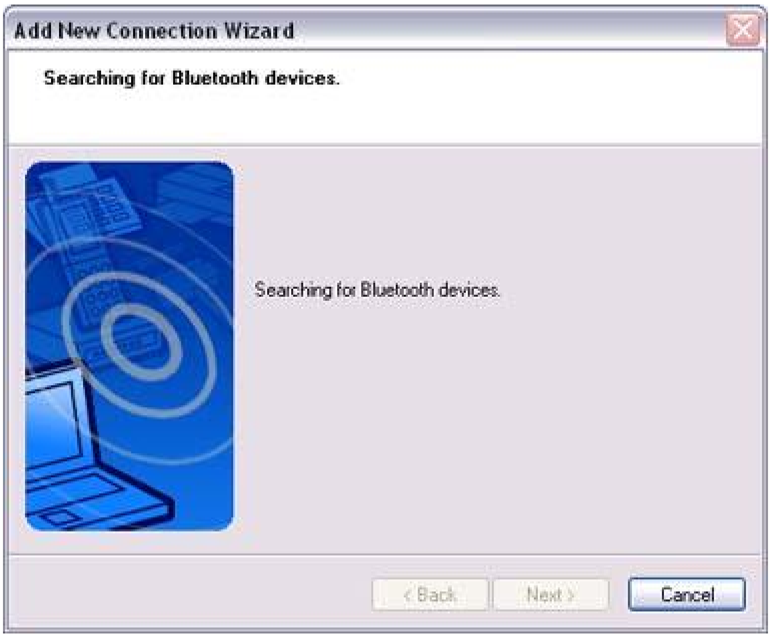
Please ensure your Bluetooth devices are on and set to discoverable.

● Express Mode (Recommended)

○ Custom Mode

This allows you to set the details for the connection.

The [Add New Connection Wizard (Searching for Bluetooth devices)] window will appear.

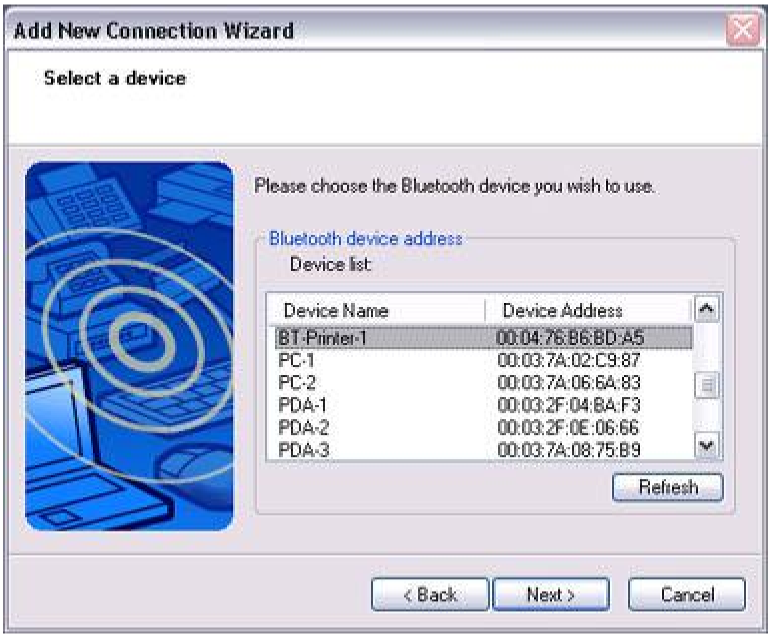

Add New Connection Wizard

Searching for Bluetooth devices.

Searching for Bluetooth devices.

Once the program has finished searching for the devices, the [Add New Connection Wizard (Device Selection)] window will appear.

4. **Select the device name of the printer from [Device List], and then click on the [Next] button**


Add New Connection Wizard

Select a device

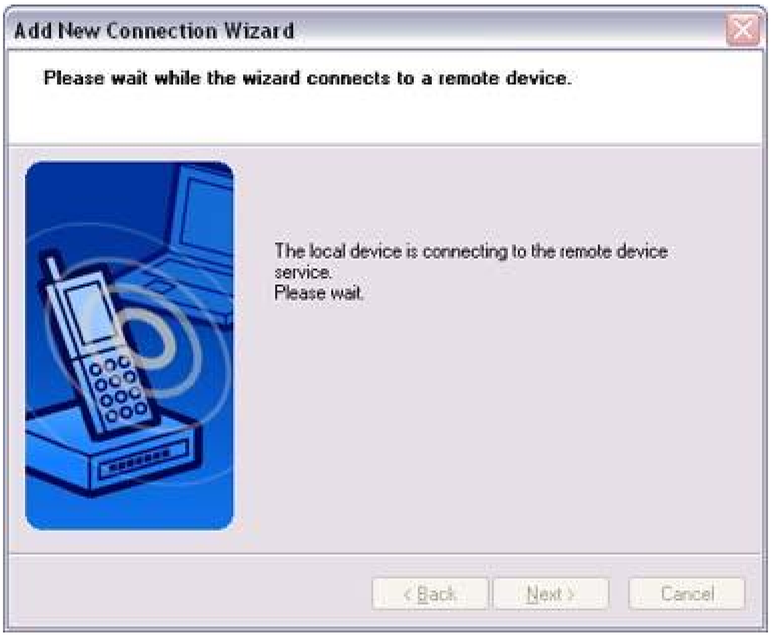
Please choose the Bluetooth device you wish to use.

Bluetooth device address

Device list:

Device Name	Device Address
BT-Printer-1	00:04:76:B6:BD:A5
PC-1	00:03:7A:02:C9:87
PC-2	00:03:7A:06:6A:83
PDA-1	00:03:2F:04:BA:F3
PDA-2	00:03:2F:0E:06:66
PDA-3	00:03:7A:08:75:B9

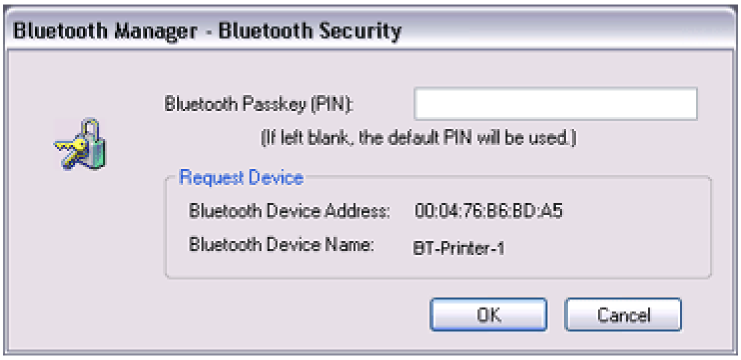
The [Add New Connection Wizard (Searching for Services)] window will appear.


Add New Connection Wizard

Please wait while the wizard connects to a remote device.

The local device is connecting to the remote device service.
Please wait.

5. **If you are connecting to the printer for the first time, enter the passkey for the device from the [Bluetooth Passkey (PIN Code)] window, and then click on the [OK] button.**


Bluetooth Manager - Bluetooth Security

Bluetooth Passkey (PIN):

(If left blank, the default PIN will be used.)

Request Device

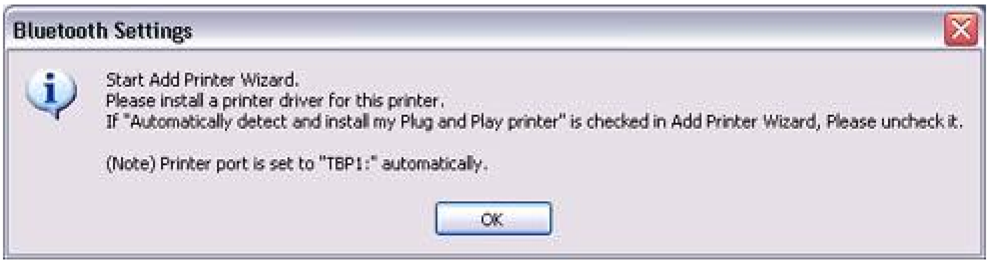
Bluetooth Device Address: 00:04:76:B6:BD:A5

Bluetooth Device Name: BT-Printer-1

Once the services have been detected successfully, connection to the device and creation of the HCRP port will be performed automatically.

If you have not yet installed a printer, a message prompting you to install a printer will appear.

6. **Click on the [OK] button**

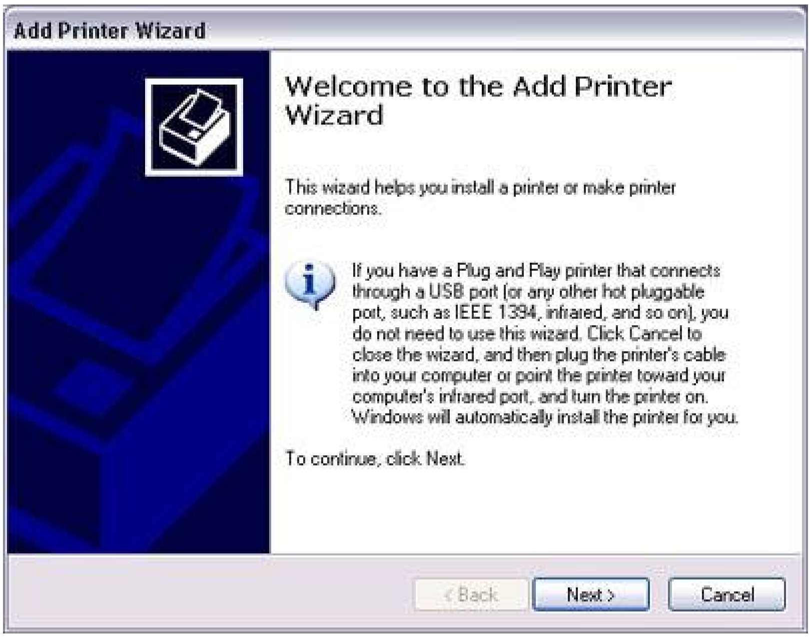

Bluetooth Settings

Start Add Printer Wizard.
Please install a printer driver for this printer.
If "Automatically detect and install my Plug and Play printer" is checked in Add Printer Wizard, Please uncheck it.

(Note) Printer port is set to "TBP1:" automatically.

The [Add Printer Wizard (Starting the Add Printer Wizard)] window will appear.

7. **Click on the [Next] button**


Add Printer Wizard

Welcome to the Add Printer Wizard

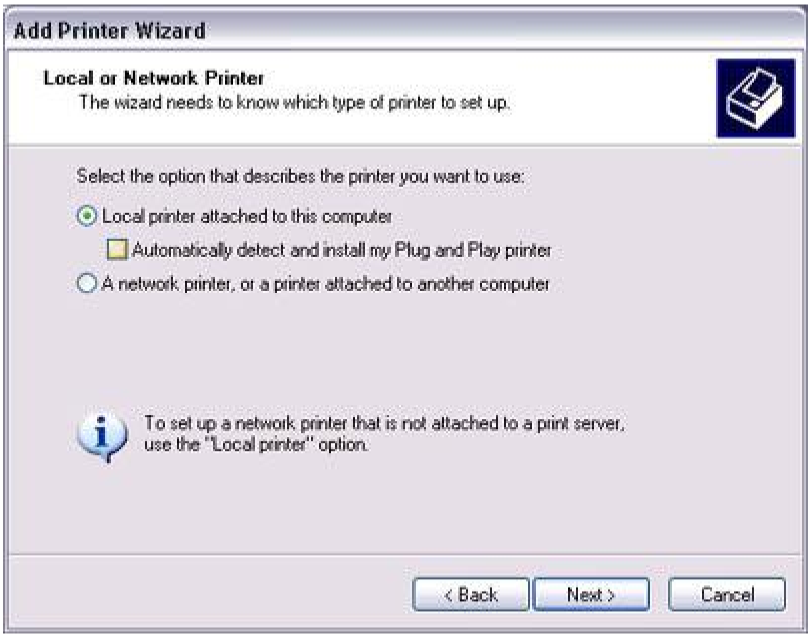
This wizard helps you install a printer or make printer connections.

If you have a Plug and Play printer that connects through a USB port (or any other hot pluggable port, such as IEEE 1394, infrared, and so on), you do not need to use this wizard. Click Cancel to close the wizard, and then plug the printer's cable into your computer or point the printer toward your computer's infrared port, and turn the printer on. Windows will automatically install the printer for you.

To continue, click Next.

The [Add Printer Wizard (Local Printer or Network Printer)] window will appear.

8. **Select "Local printer attached to this computer", remove the check next to "Automatically detect and install my Plug and Play printer", and then click on the [Next] button**



Add Printer Wizard

Local or Network Printer

The wizard needs to know which type of printer to set up.

Select the option that describes the printer you want to use:

● Local printer attached to this computer

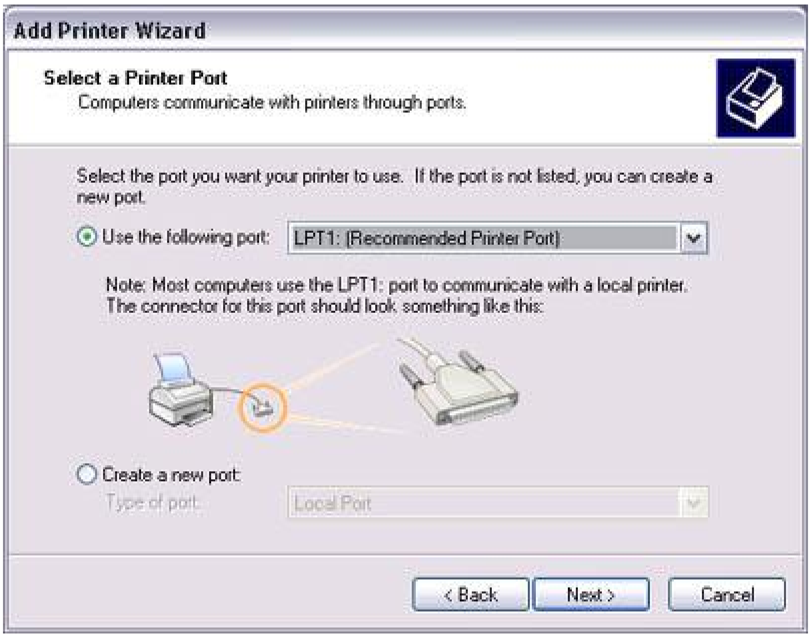
☐ Automatically detect and install my Plug and Play printer

○ A network printer, or a printer attached to another computer

To set up a network printer that is not attached to a print server, use the "Local printer" option.

The [Add Printer Wizard (Select Printer Port)] window will appear.

9. **Select the desired port, and then click on the [Next] button**



Add Printer Wizard

Select a Printer Port

Computers communicate with printers through ports.

Select the port you want your printer to use. If the port is not listed, you can create a new port.

● Use the following port: LPT1: (Recommended Printer Port)

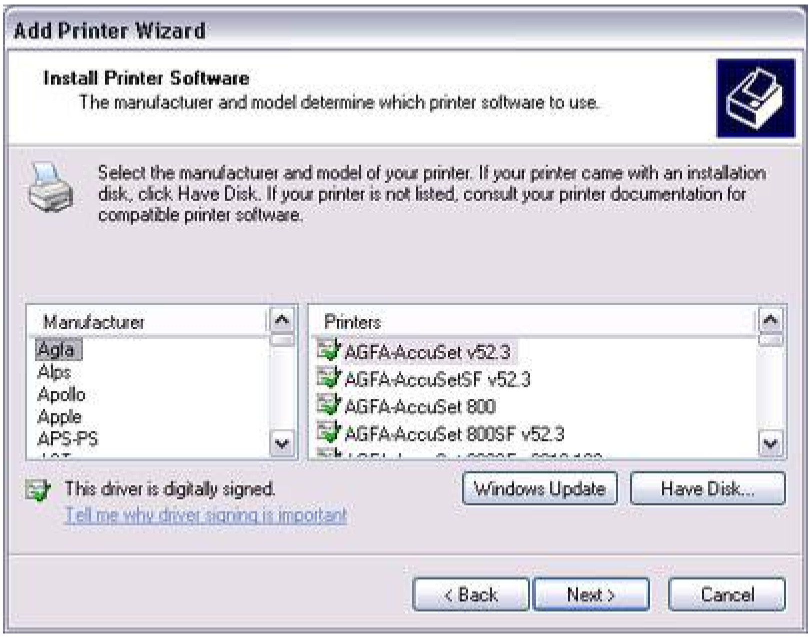
Note: Most computers use the LPT1: port to communicate with a local printer. The connector for this port should look something like this:

○ Create a new port:

Type of port: Local Port

The [Add Printer Wizard (Install Printer Software)] window will appear.

10. **Select the [Manufacturer] and [Printer] as pertains to the printer to be installed, or click on the [Use Device] button, and then click on the [Next] button**



The manufacturer and model determine which printer software to use.

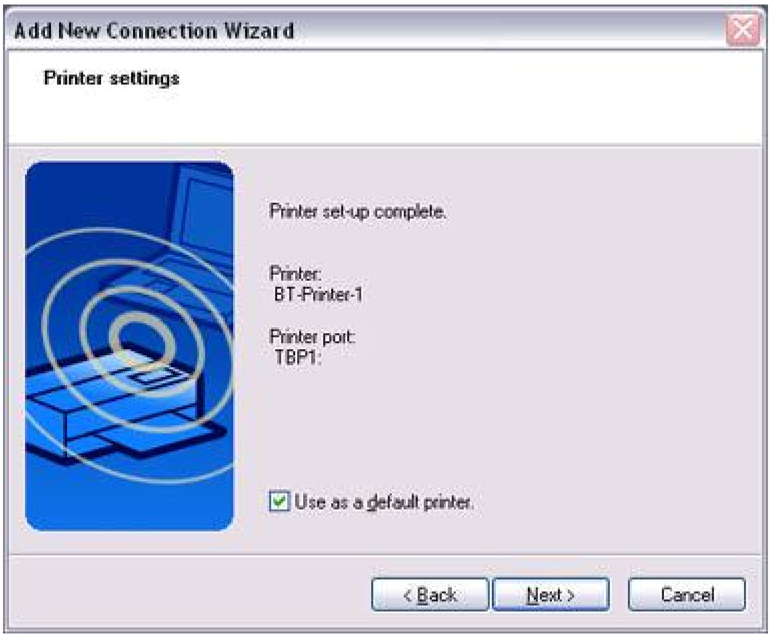
Select the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for compatible printer software.

This driver is digitally signed.

Please install the printer according to the instructions in the windows that follow.

Once installation is complete, a message of confirmation will appear in the [Add New Connection Wizard (Printer Settings)] window.

11. **Click on [Next]**



Printer set-up complete.

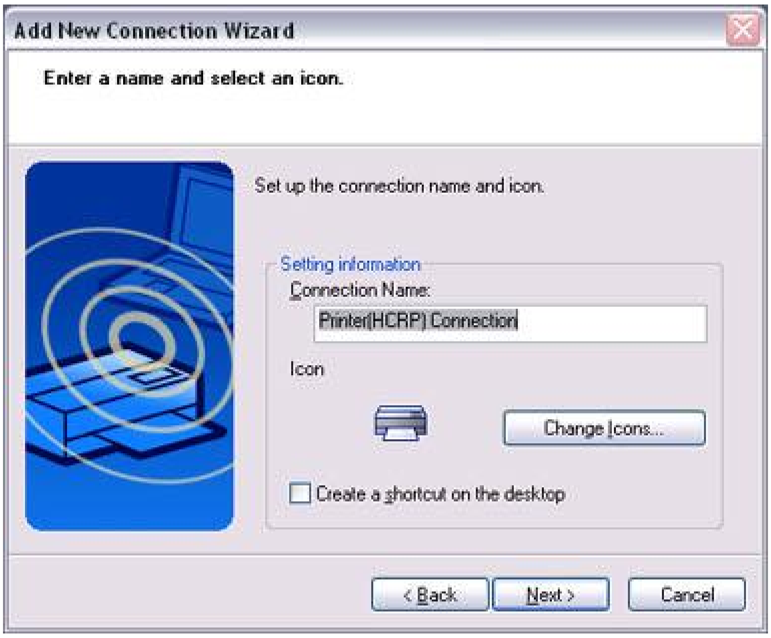
Printer:
BT-Printer-1

Printer port:
TBP1:

☑ Use as a default printer.

The [Add New Connection Wizard (Connection Name Settings)] window will appear.

12. **Enter the type and name of the icon displayed after registration, and then click on the [Next] button**
Please click on the [Next] button if you are satisfied with the settings.


Add New Connection Wizard
Enter a name and select an icon.
Set up the connection name and icon.
Setting information
Connection Name:
Icon
Change Icons...
< Back
Next >
Cancel

Connection Name: Printer(HCRP) Connection

☐ Create a shortcut on the desktop

Note

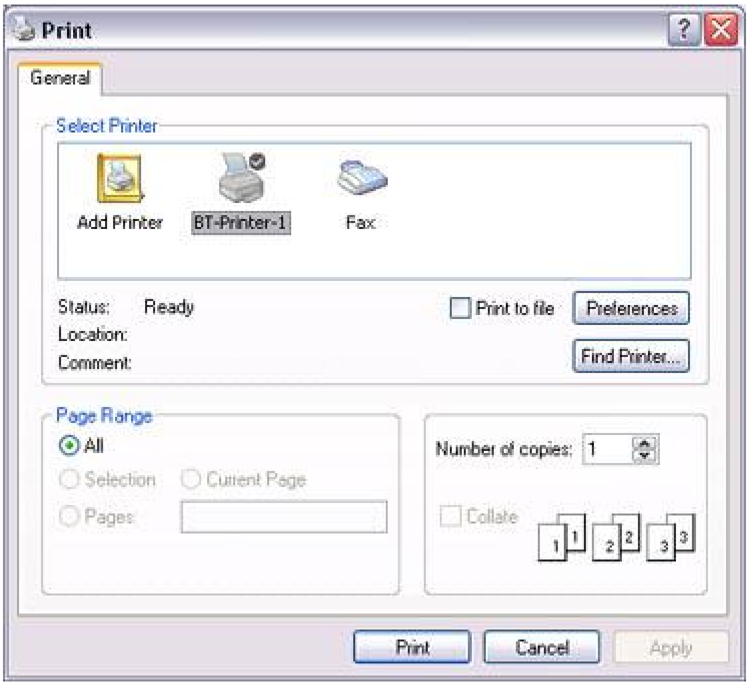
- You can change the connection icon and icon name.
  "Changing the connection icon name"
  "Changing the connection icon"

● Printing

Try to print from the message pad.

1. **Click [File]->[Print]**
   The [Print] screen will appear.

2. **Select wireless printer from under [Select Printer], and then click on the [Print] button**



Status: Ready
Location:
Comment:

Number of copies: 1

Printing will commence.

Note

- If you have connected to a printer using HCRP or SPP profiles, all future Bluetooth connections to that printer will be established automatically once you have printed a document from your PC.

Printing images directly from a digital camera or other device [BIP]

If you have a printer that supports BIP (Basic Imaging Profile), you can send images directly to a printer to be printed out, without having to perform any special set-up procedure.

·Documents·Photographs etc.
(JPG(JPEG),BMP,PNG, etc.)
Printer

Printing image files on a printer (using icons)
Printing image files on a printer (by right-clicking the mouse)

Note

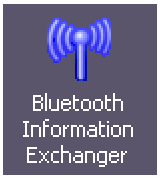
- Below is a list of file types (extensions) of images that can be printed out directly.
    - Bitmap (*.bmp)
    - JPEG (*.jpg; *.jpeg)
    - PNG (*.png)

Procedure

Printing image files on a printer (using icons)

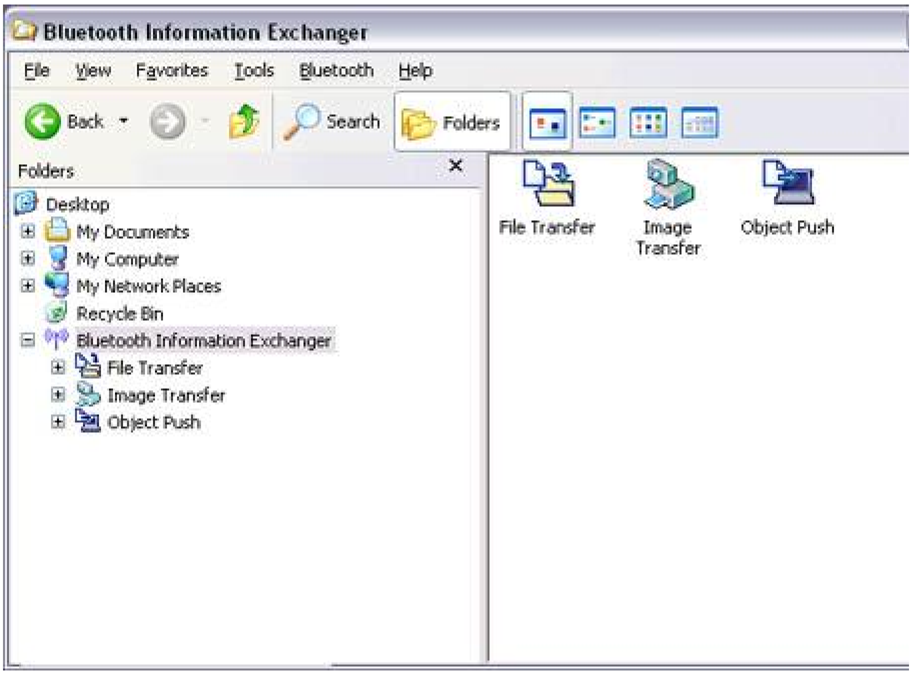
1. **Turn on the printer**

2. **Click on the Bluetooth Information Exchanger icon on the Desktop**



Note

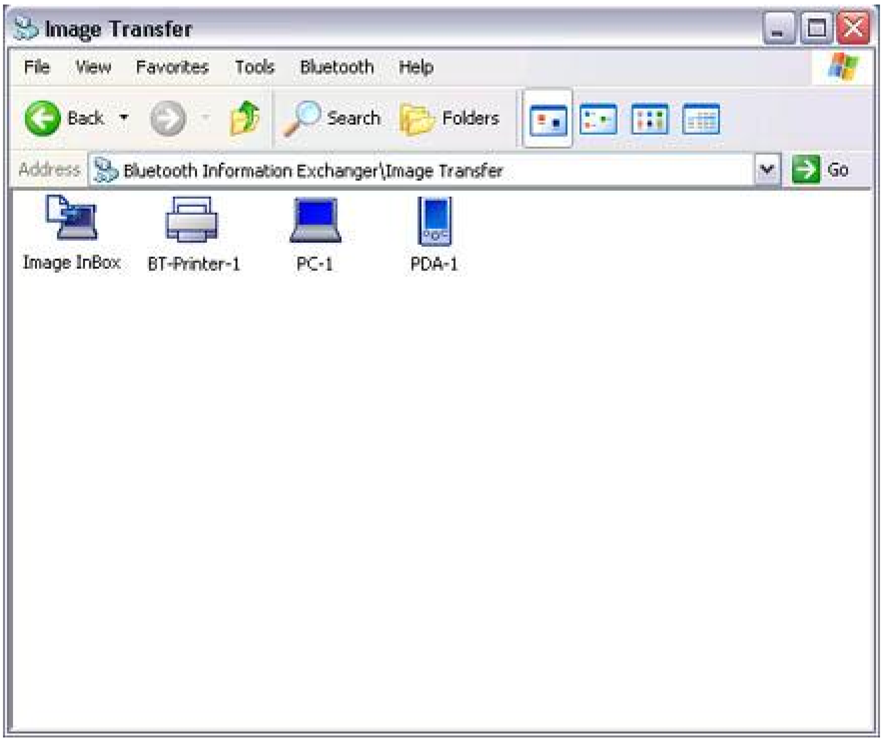
- Alternatively, open Explorer and click on the Bluetooth Information Exchanger folder for the same result.



The [Bluetooth Information Exchanger] window will appear.

3. **Double-click on the [Image Transfer] icon**

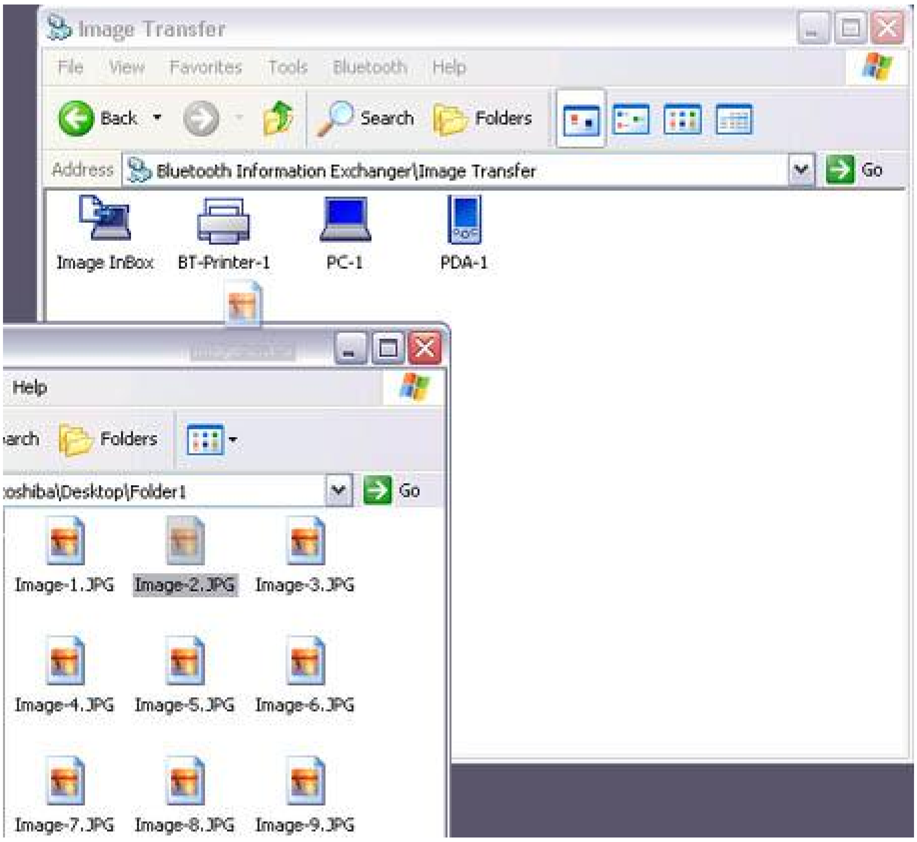
A list of devices will appear in the [Image Transfer] window.



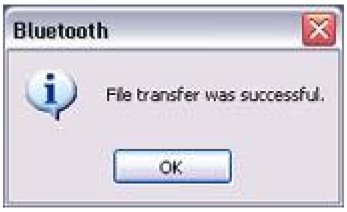
Note

- If your desired printer does not appear in the list, please confirm that the printer has been turned on, and then click on [Bluetooth]->[Search Devices]
  A device search will be performed.

4. **Drag and drop the file to be sent on top of the icon of the destination printer**



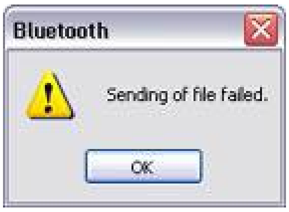
The file will be sent to the printer.
If the file has been sent to the printer successfully, the message below will appear, and the image will be printed out. Please click on the [OK] button.



Bluetooth

File transfer was successful.

The message below will appear if the file transmission was unsuccessful. Please click on the [OK] button to close the message, and repeat the printing procedure.

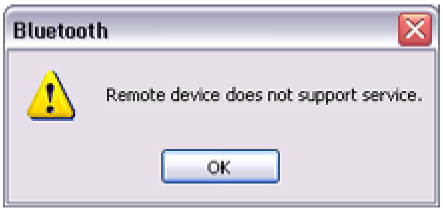


Bluetooth

Sending of file failed.

Note

- If the printer does not support the BIP profile, the message below will appear.

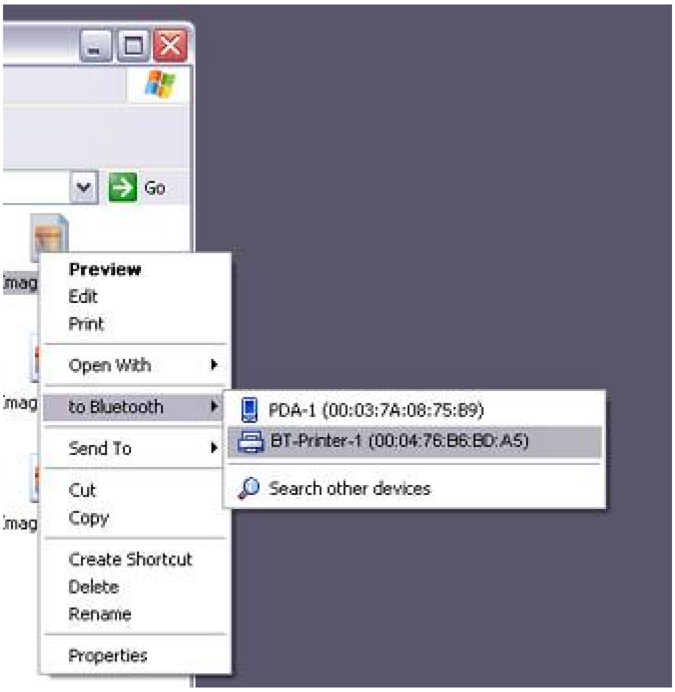


Remote device does not support service.

Printing image files to a printer (by right-clicking the mouse)

1. **Turn on the printer**

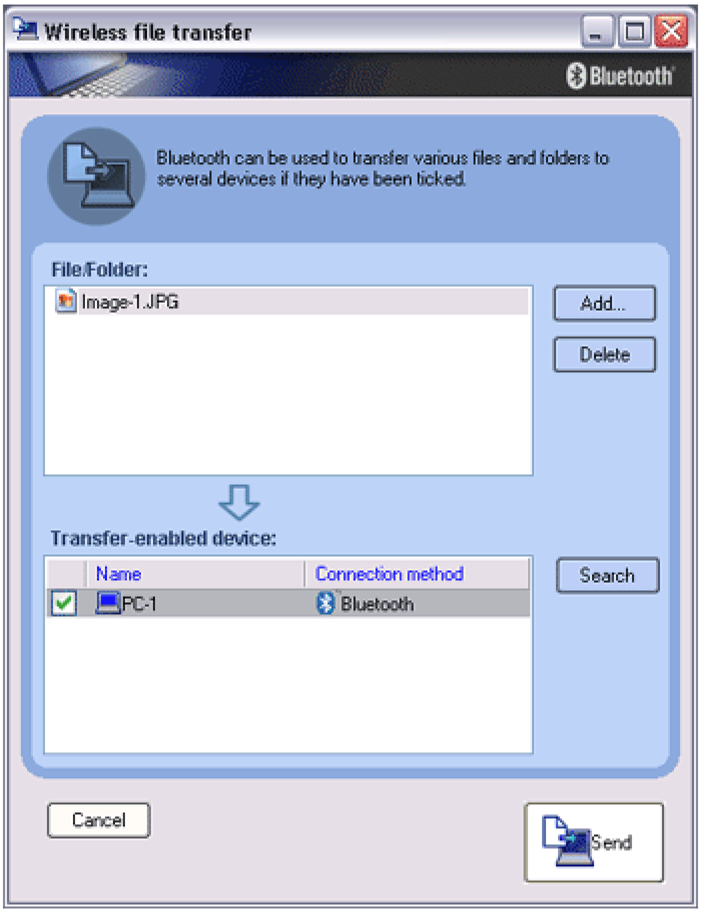
2. **Right-click on the file to be sent, and then click on the destination printer under [to Bluetooth]**



Note

- If your desired device does not appear in the list, please confirm that the device has been turned on, and then click on [to Bluetooth] ->[Search Other Devices]

Once the device has been detected, the message below will appear. Please select the destination device, and click on the [Send] button.



Bluetooth can be used to transfer various files and folders to several devices if they have been ticked.

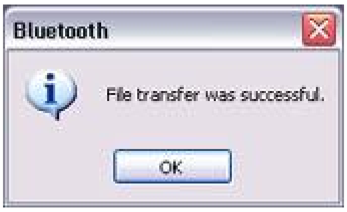
File/Folder:

Image-1.JPG

Transfer-enabled device:

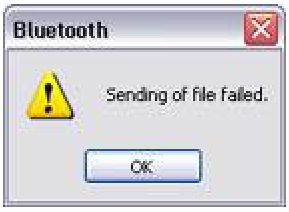
	Name	Connection method
☑	PC-1	Bluetooth

A window indicating that the file is being sent to the printer will appear.
If the file has been sent to the printer successfully, the message below will appear, and the image will be printed out. Please click on the [OK] button.



File transfer was successful.

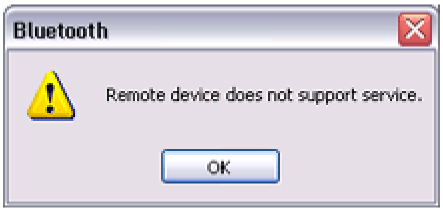
The message below will appear if the file transmission was unsuccessful.
Please click on the [OK] button to close the message, and repeat the printing procedure.



Sending of file failed.

Note

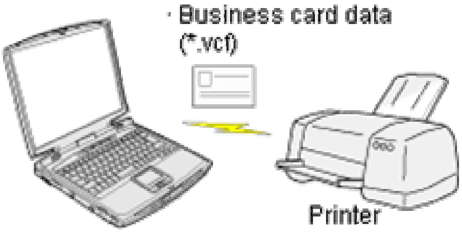
- If the printer does not support the BIP profile, the message below will appear.



Remote device does not support service.

Printing business card data [OPP]

If you have a printer that supports OPP (Object Push Profile), you can directly send business card data that conforms to the "vCard" standard to a printer and print it out.

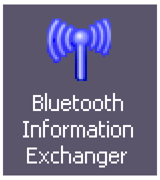


Printing business card data (using icons)
Printing business card data (by right-clicking the mouse)

Procedure

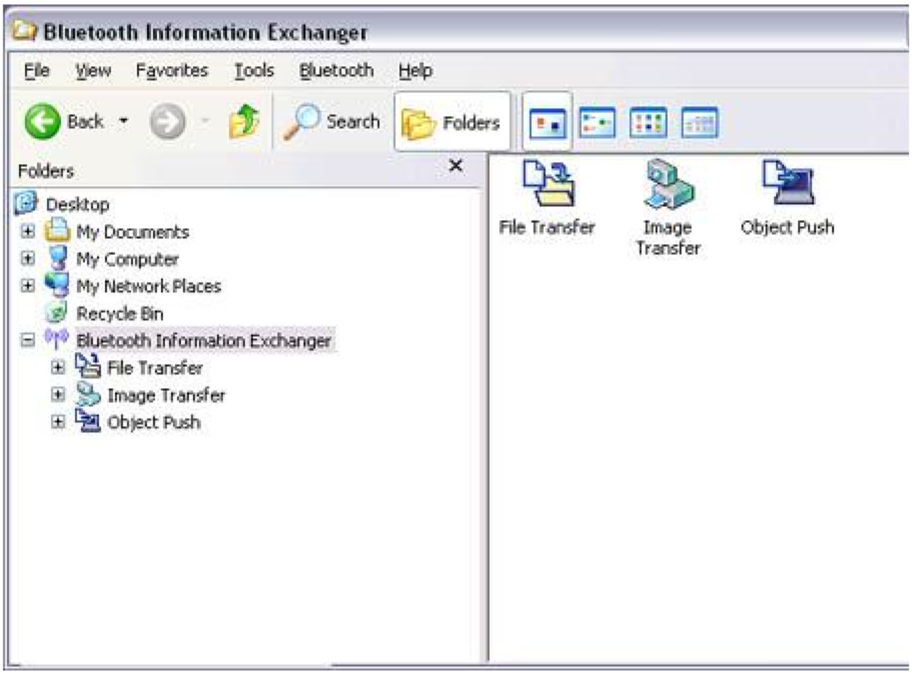
¦Printing business card data (using icons)

1. **Turn on the printer**
2. **Click on the Bluetooth Information Exchanger icon on the Desktop**



Note

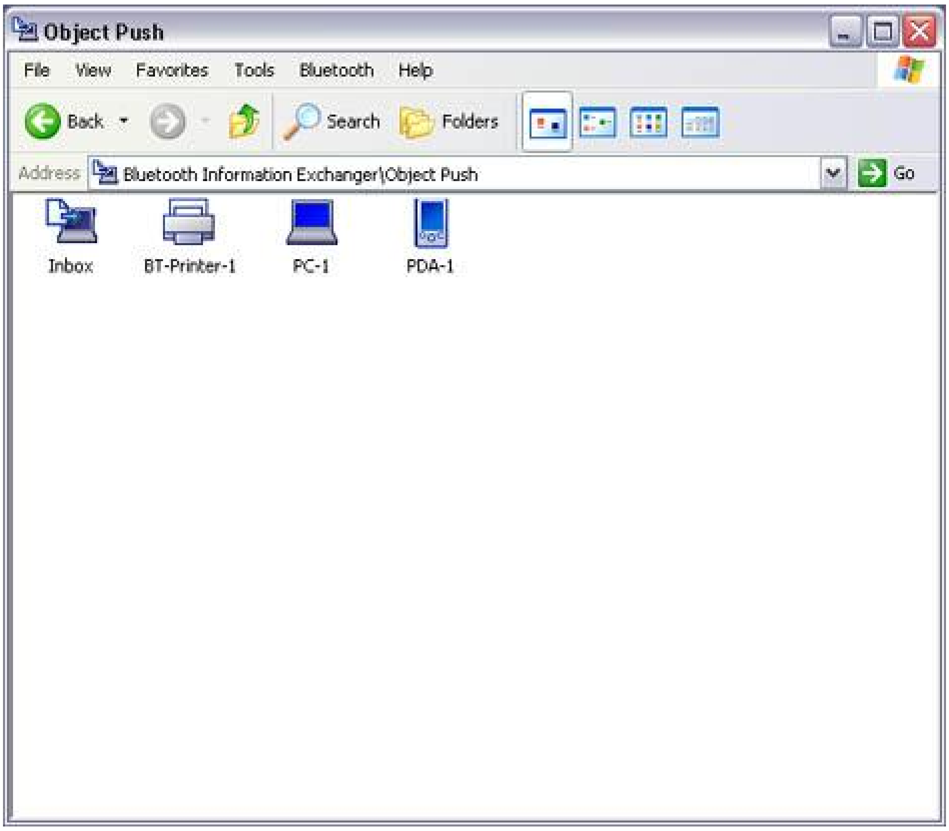
- Alternatively, open Explorer and click on the Bluetooth Information Exchanger folder for the same result.



The [Bluetooth Information Exchanger] window will appear.

3. **Double-click on the [Object Push] icon**

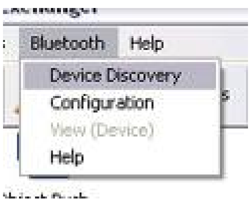
A list of devices will appear in the [Object Push] window.



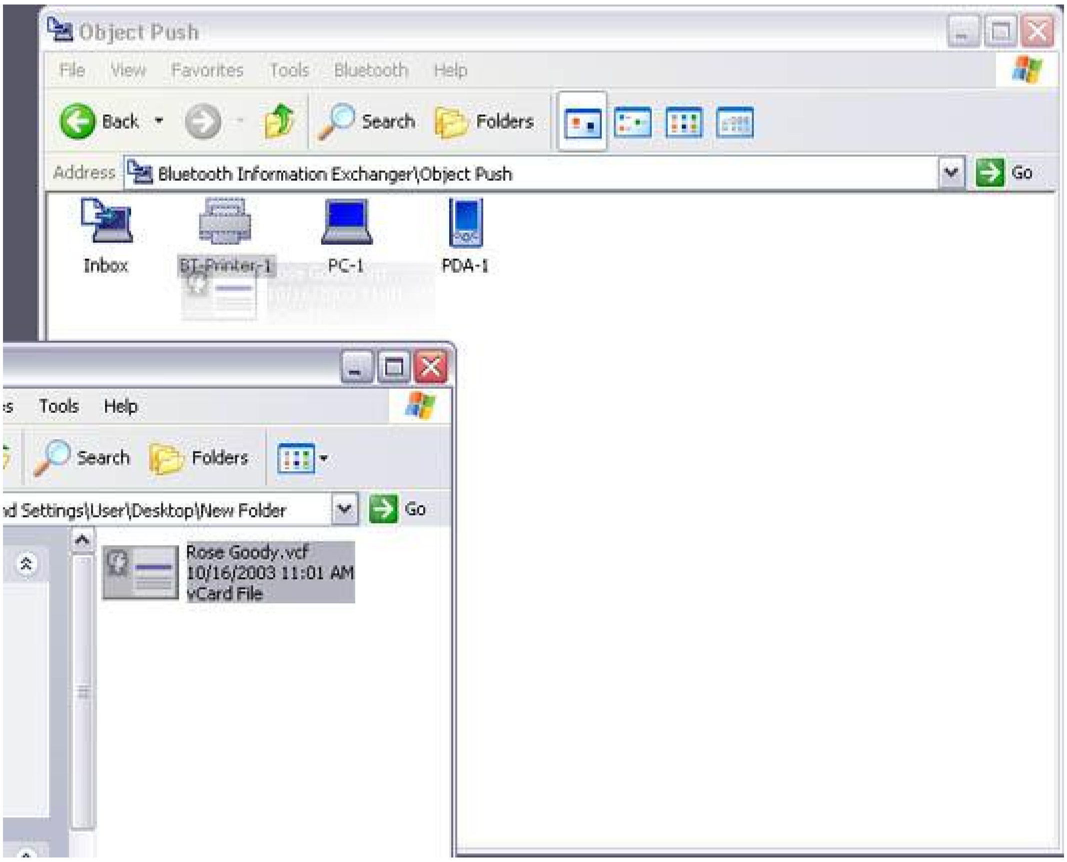
Here, the image will be sent to the target printer.

Note

- If your desired printer does not appear in the list, please confirm that the printer has been turned on, and then click on [Bluetooth]->[Search Devices]
  A device search will be performed.



4. **Drag and drop the business card data to be sent on top of the icon of the destination printer**



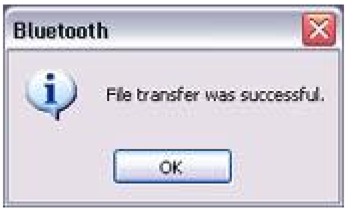
Address Bluetooth Information Exchanger\Object Push

d Settings\User\Desktop\New Folder

Rose Goody.vcf
10/16/2003 11:01 AM
vCard File

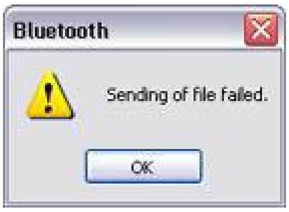
The business card will be sent to the printer.
If the business card has been sent to the printer successfully, the message below will appear, and the image will be printed out. Please

click on the [OK] button.



File transfer was successful.

The message below will appear if the business card transmission was unsuccessful. Please click on the [OK] button to close the message, and repeat the printing procedure.

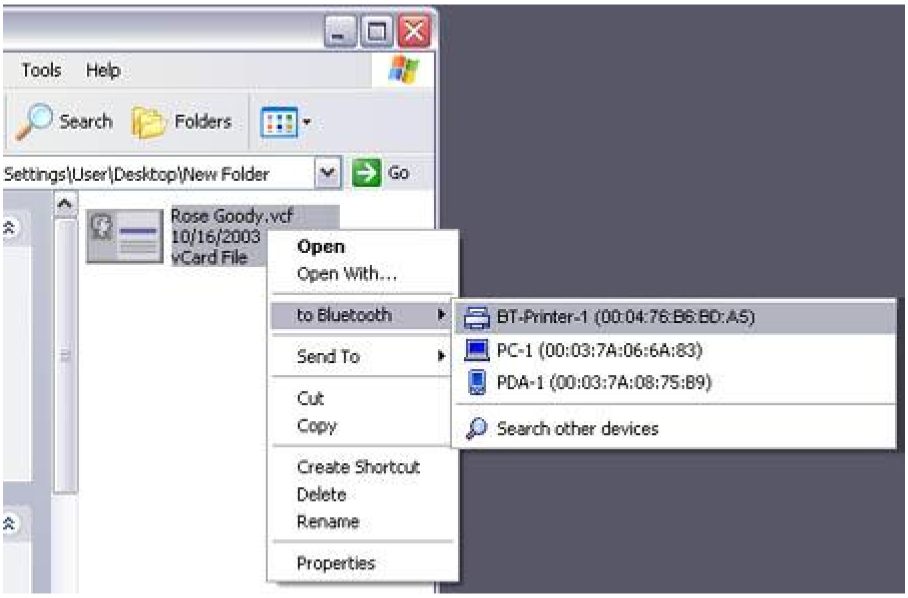


Sending of file failed.

¦Printing business card data (by right-clicking the mouse)

1. **Turn on the printer**

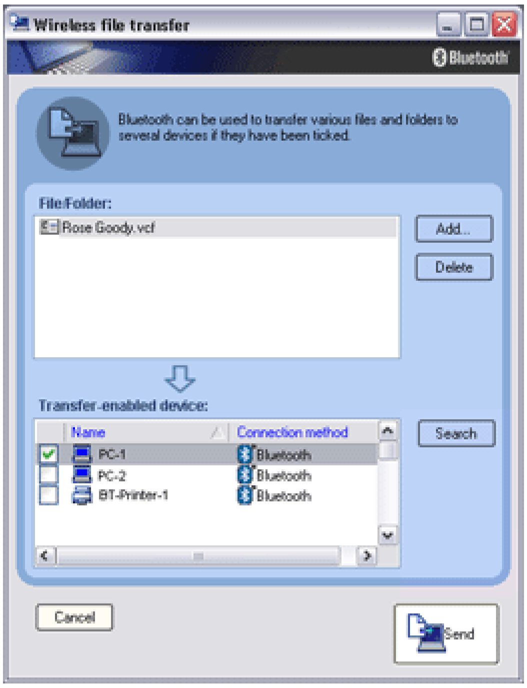
2. **Right-click on the business card data to be sent, and then click on the destination printer under [to Bluetooth]**



Note

- If your desired device does not appear in the list, please confirm that the device has been turned on, and then click on [to Bluetooth] ->[Search Other Devices]

Once the device has been detected, the message below will appear. Please select the destination device, and click on the [Send] button.

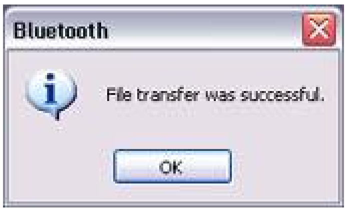


Bluetooth can be used to transfer various files and folders to several devices if they have been ticked.

File/Folder: Rose Goody.vcf

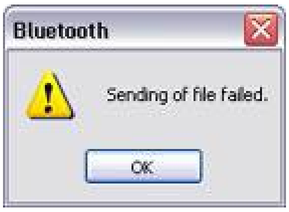
	Name	Connection method
☑	PC-1	Bluetooth
☐	PC-2	Bluetooth
☐	BT-Printer-1	Bluetooth

The business card will be sent to the printer.
If the business card has been sent to the printer successfully, the message below will appear, and the image will be printed out. Please click on the [OK] button.



File transfer was successful.

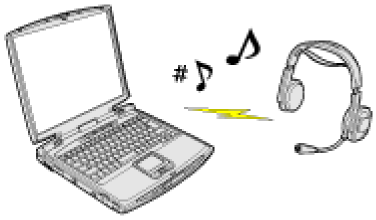
The message below will appear if the business card transmission was unsuccessful. Please click on the [OK] button to close the message, and repeat the printing procedure.



Sending of file failed.

Listening to music using the stereo headphones ¡iGAVDP¡j ¡iA2DP¡j ¡iAVRCP¡j

This section describes how to use the stereo headphones to listen to your favourite music or other audio files stored on your PC.

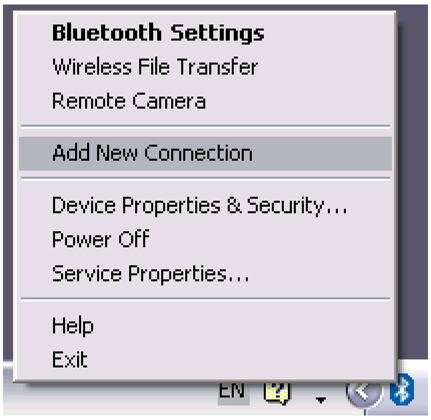


Configuring the stereo headphones
Connecting to the stereo headphones
Listening to music or other audio files
Playing music using remote control
Copyright protection function

Configuring the stereo headphones

Procedure

1. **Right-click on the Bluetooth icon in the task tray, and click on [Add New Connection].**



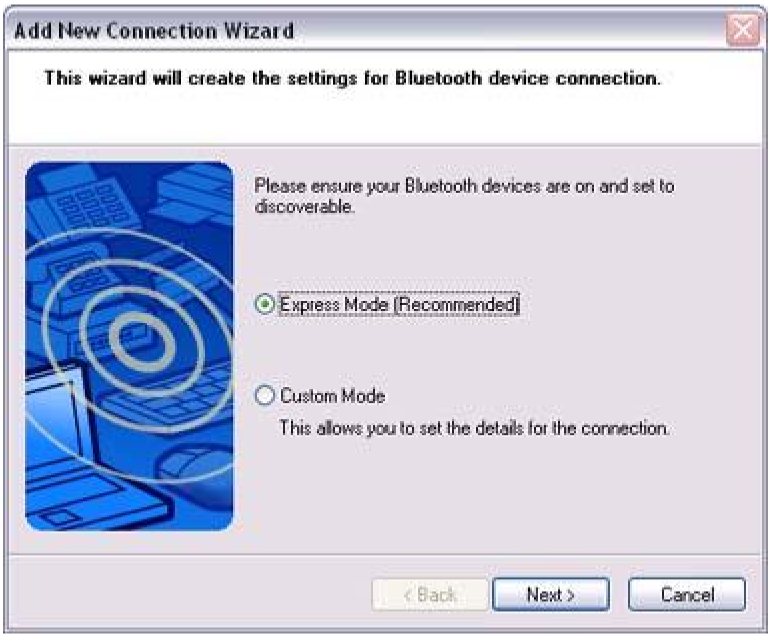
Note

- Alternatively, click [Start]->[All Programs]->[Bluetooth]->[Bluetooth Settings], and then click on [New Connection] from the [Bluetooth Settings] screen that has opened.

The [Add New Connection Wizard (Welcome to the Add New Connection Wizard)] will appear.

2. **Switch ON the stereo headphones and activate "Discoverable" mode**
   Please refer to the user guide for the stereo headphones for further information on how to operate them.

3. **Confirm that [Express Mode] has been selected, and then click on the [Next] button**



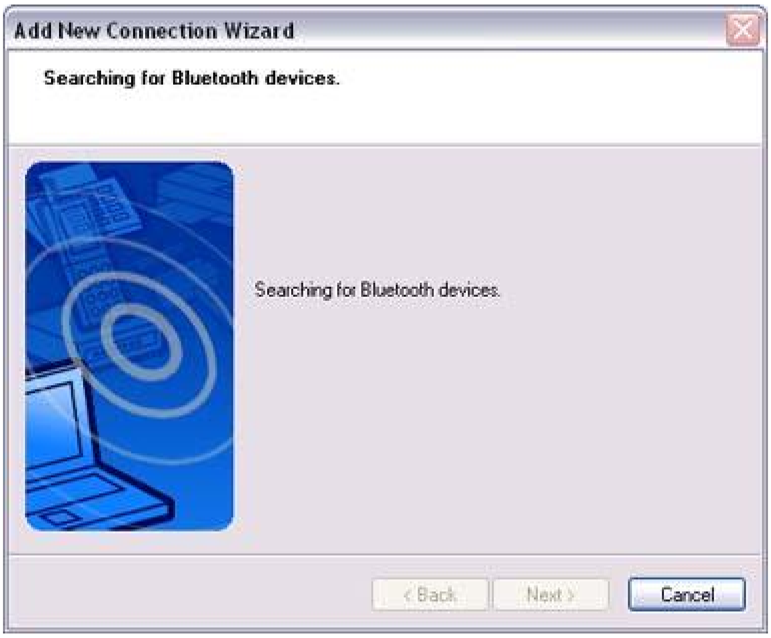
This wizard will create the settings for Bluetooth device connection.

Please ensure your Bluetooth devices are on and set to discoverable.

● Express Mode [Recommended]

○ Custom Mode
This allows you to set the details for the connection.

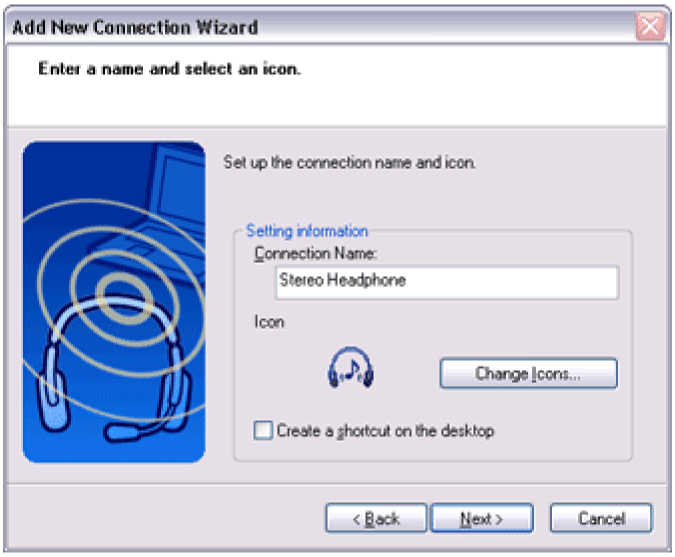
The [Add New Connection Wizard (Searching for Bluetooth Devices)] screen will appear.



Searching for Bluetooth devices.

Once the search for the devices has ended, the [Add New Connection Wizard (Select Device)] screen will appear.

4. **Select the device name of the stereo headphones from the list, and click on the [Next] button**



Set up the connection name and icon.

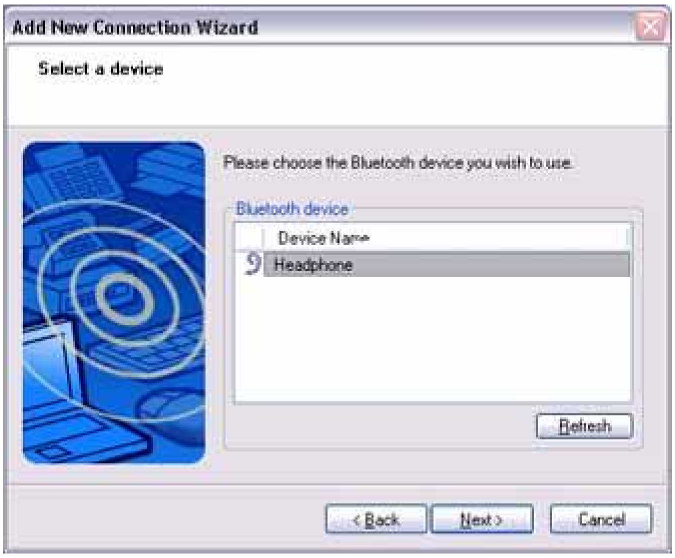
Setting information

Connection Name: Stereo Headphone

☐ Create a shortcut on the desktop

The [Add New Connection Wizard (Searching for Services)] screen will appear.

5. **Configure the type and name of the icon to appear once registration is complete, and click on the [Next] button**
   Please click the [Next] button once you are satisfied with the configuration.



Add New Connection Wizard

Select a device

Please choose the Bluetooth device you wish to use.

The [Add New Connection Wizard (Configure Connection Name)] screen will appear.

6. **Click on the [Finish] button**

The settings will be registered, and the icon will appear on the [Bluetooth Settings] screen.

Connecting to the stereo headphones

You can connect to the stereo headphones from the icon registered in [Bluetooth Settings]. Please refer to the user guide for information on how to make a connection from the stereo headphones.

Important

- Please close the following audio applications before any connection is made between your stereo headphones and PC.
    - Music/video playback applications
    - e-Conferencing applications
    - Voice-recognition applications

Please finish connecting the stereo headphones before launching any of these applications.

Listening to music

or other audio files

1. **Playing music or other audio files on your PC**

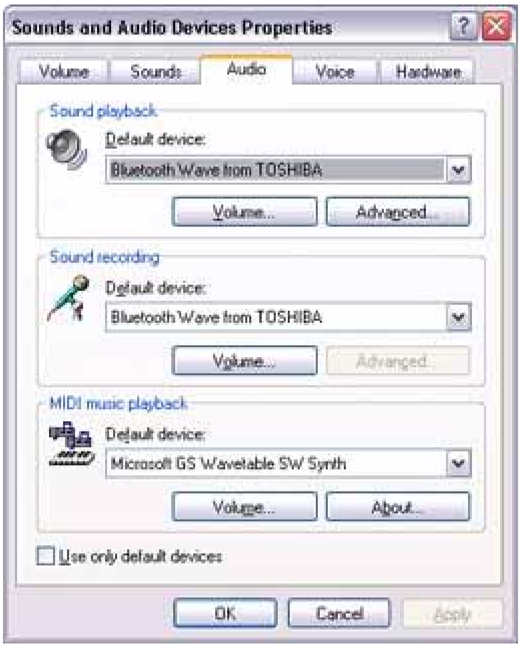
   Important

   - Please confirm the points below if you are unable to hear anything despite having properly connected the stereo headphones.

     Click [Start]->[All Programs]->[Accessories]->[Entertainment]->[Volume Control].

     Remove the tick next to [Mute] if it has been ticked. If the volume is at its lowest setting, please adjust it to an appropriate level.
   - Music playback may be interrupted if other Bluetooth devices are currently connected to your PC. When you are listening to music, it is recommended that the stereo headphones be the only connected device.
   - Music playback may be interrupted if you are some distance away from the PC, or if there are any obstructions between you and the PC.
   - If you are unable to hear any sound out of your stereo headphones while music or audio is currently playing in a related application, please stop the files being played, open [Sounds and Audio Devices] from the Control Panel, and change the default device to "Toshiba Bluetooth Wave."

     If you are still unable to hear any sound from the stereo headphones even after having set "Toshiba Bluetooth Wave" as the default device, please re-launch the application.



Sounds and Audio Devices Properties

Sound playback

Default device: Bluetooth Wave from TOSHIBA

Sound recording

Default device: Bluetooth Wave from TOSHIBA

MIDI music playback

Default device: Microsoft GS Wavetable SW Synth

☐ Use only default devices

2. **Finishing listening to music and disconnecting**
   - **Right-click on the icon for the currently connected mode from [Bluetooth Settings] on your PC, and click on "Disconnect."**
     A message confirming the disconnection may appear.
   - **Click on the "Yes" button after having followed the instructions in the message.**
     The icon will indicate that the device has been disconnected.

Important

- Please close the following audio applications before you disconnect the stereo headphones from your PC:
  - Music/video playback applications
  - e-Conferencing applications
  - Voice-recognition applications

Please completely disconnect the stereo headphones before launching any of these applications.

Please refer to the user guide for information on terminating a connection from the stereo headphones.

Playing music using remote control

Music applications and video playback applications installed on your PC (e.g.,"Windows Media Player 9" and "InterVideo WinDVD") may be operated with the remote control button/switch on your stereo headphones.

The remote control used with the stereo headphones must be compliant with the Bluetooth AVRCP profile. Please refer to the headphones user guide for further information.

You can configure the application to be operated using the switch/button according to the following procedure.

Procedure

1. **Double-click on the Bluetooth icon in the taskbar**
   Launches "Bluetooth Settings."
2. **Click on [Bluetooth]->[Select AV Player] from the menu bar**
   The [Select AV Player] screen will appear.
3. **Select the application, and click on the [OK] button**

The functions and switch/button that can be operated may differ depending on the application used for music/video playback as well as the version.

The procedure below can be performed in order to change the position where the receive command is displayed or to not have the command displayed.

Procedure

1. **Double-click on the Bluetooth icon in the taskbar**
   Launches "Bluetooth Settings."
2. **Click on [Bluetooth]->[Select AV Player] from the menu bar.**
   The [Select AV Player] screen will appear.
3. **Select the appropriate item from the pull-down menu of positions where the receive command is to be displayed, and then click on the [OK] button.**

If the receive command appears but does not function properly, sometimes the problem may be rectified by changing the setting to "Do not display."

The commands supported by this application are shown below. Please refer to the headphone user guide for commands that are supported by the stereo headphones. Problems with operation may be encountered with certain versions of "Windows Media Player 9" and "InterVideo WinDVD."

[Windows Media Player 9]

- Play
- Stop
- Pause
- Next
- Previous
- Fast forward

- Rewind

[InterVideo WinDVD]

- Play
- Stop
- Pause
- Next chapter
- Previous chapter
- Fast Forward
- Fast Backward
- Up
- Down
- Left
- Right
- Select
- Root menu
- Angle

Copyright protection function

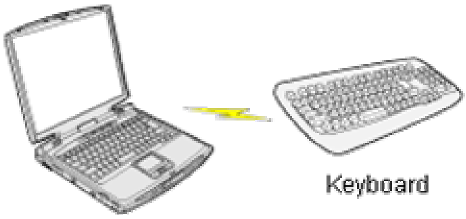
A copyright protection function is supported according to the SCMS-T format as defined in the Bluetooth specifications. Follow the configuration procedure below to establish connections only with devices that support this function.

Procedure

1. **Double-click on the Bluetooth icon in the task tray.**
   Launches "Bluetooth Settings."
2. **Select [Bluetooth] from the menu, and click on [Copyright Protection Setting].**
   The copyright protection dialog will appear.
3. **Tick the box next to "Only connect to devices that are copyright-protected under the SCMS-T format," and click on the OK button.**

Using a wireless keyboard [HID]

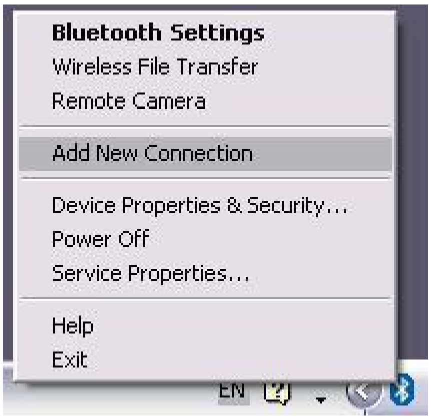
This section describes how to connect a Bluetooth-compatible keyboard to a PC.



Setting up the wireless keyboard

Procedure

1. **Right-click on the Bluetooth icon in the task tray, and then click on [Add New Connection]**

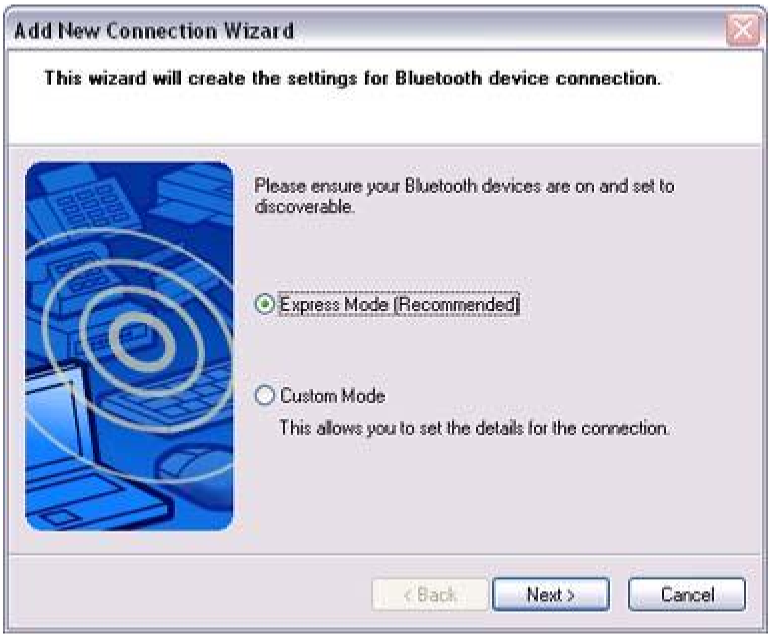


Note

- Alternatively, click [Start]->[All Programs]->[Bluetooth]->[Bluetooth Settings], and then click on [New Connection] from the active [Bluetooth Settings] window.

The [Add New Connection Wizard (Welcome to the Add New Connection Wizard)] window will appear.

2. **Confirm that [Express Mode] has been selected, and then click on the [Next] button**



This wizard will create the settings for Bluetooth device connection.

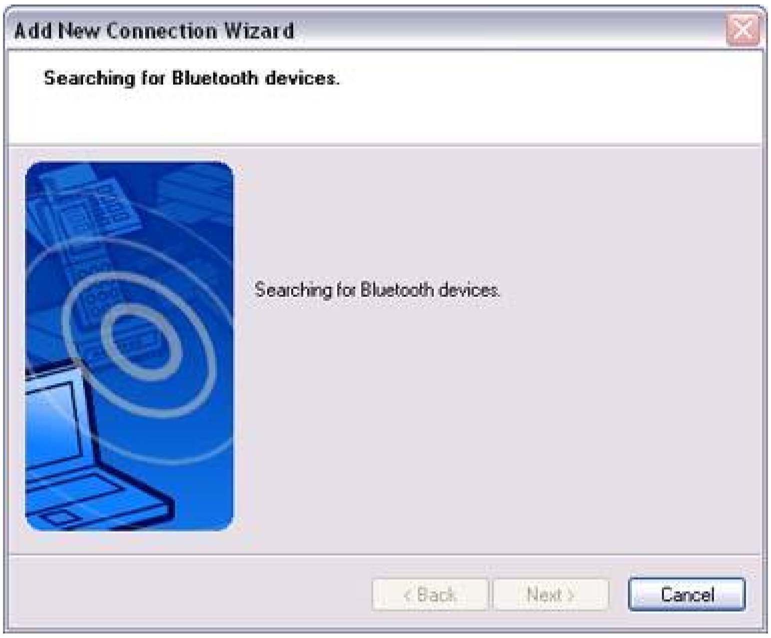
Please ensure your Bluetooth devices are on and set to discoverable.

● Express Mode (Recommended)

○ Custom Mode

This allows you to set the details for the connection.

The [Add New Connection Wizard (Searching for Bluetooth devices)] window will appear.

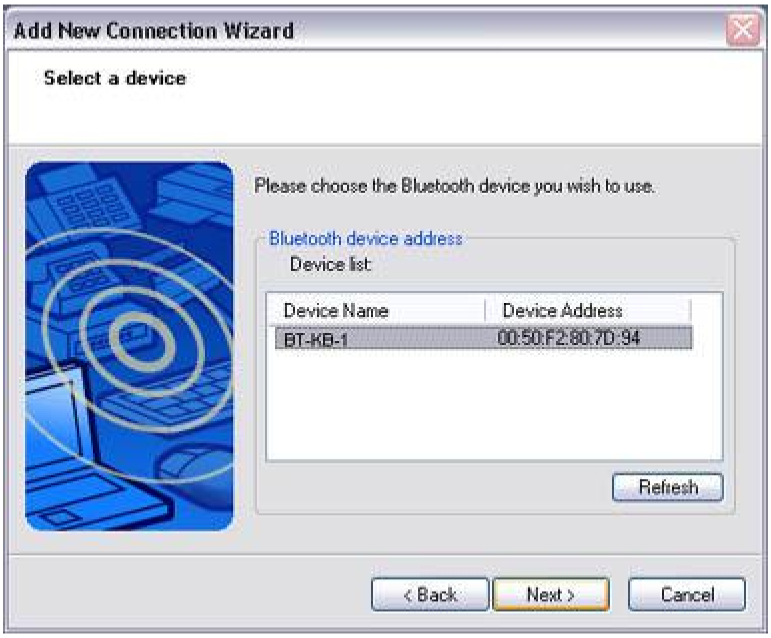


Searching for Bluetooth devices.

Searching for Bluetooth devices.

Once the program has finished searching for the devices, the [Add New Connection Wizard (Device Selection)] window will appear.

3. **Select the device name of the keyboard from [Device List], and then click on the [Next] button**


Add New Connection Wizard

Select a device

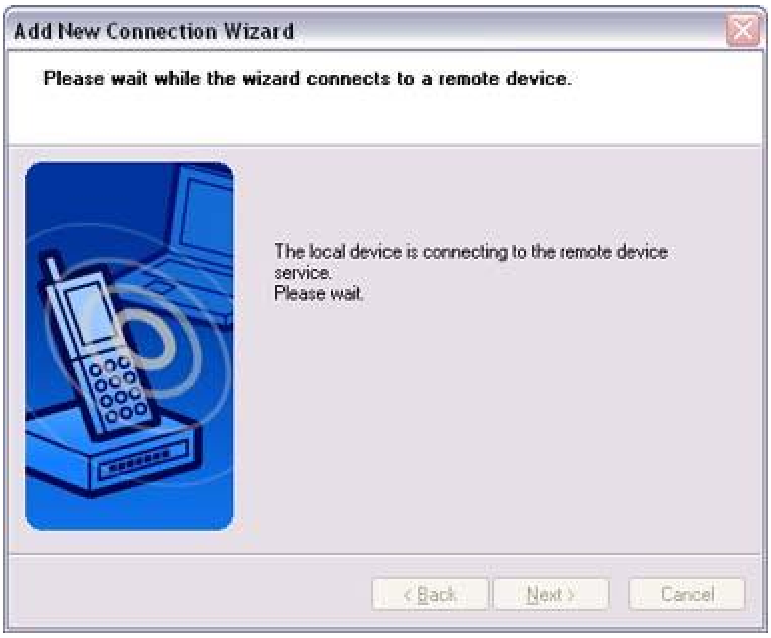
Please choose the Bluetooth device you wish to use.

Bluetooth device address

Device list

Device Name	Device Address
BT-KB-1	00:50:F2:80:7D:94

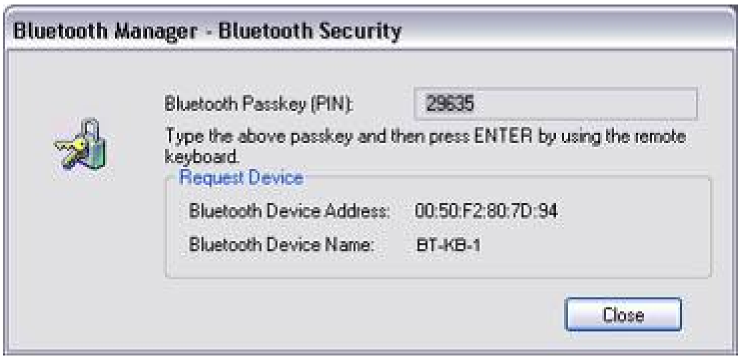
The [Add New Connection Wizard (Searching for Services)] window will appear.


Add New Connection Wizard

Please wait while the wizard connects to a remote device.

The local device is connecting to the remote device service.
Please wait.

4. **Use the <u>wireless keyboard</u> to enter the numbers that appear in [Bluetooth Passkey (PIN Code)], and then hit the [Enter] key**



Bluetooth Manager - Bluetooth Security

Bluetooth Passkey (PIN): 29635

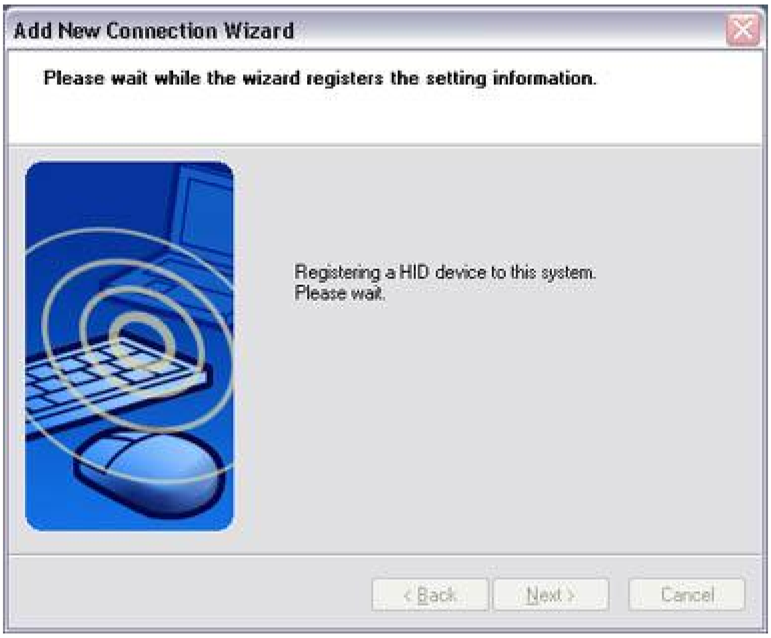
Type the above passkey and then press ENTER by using the remote keyboard.

Request Device

Bluetooth Device Address: 00:50:F2:80:7D:94

Bluetooth Device Name: BT-KB-1

Once the program has detected the services successfully, connection to the device and registration of settings information will be performed automatically.



Add New Connection Wizard

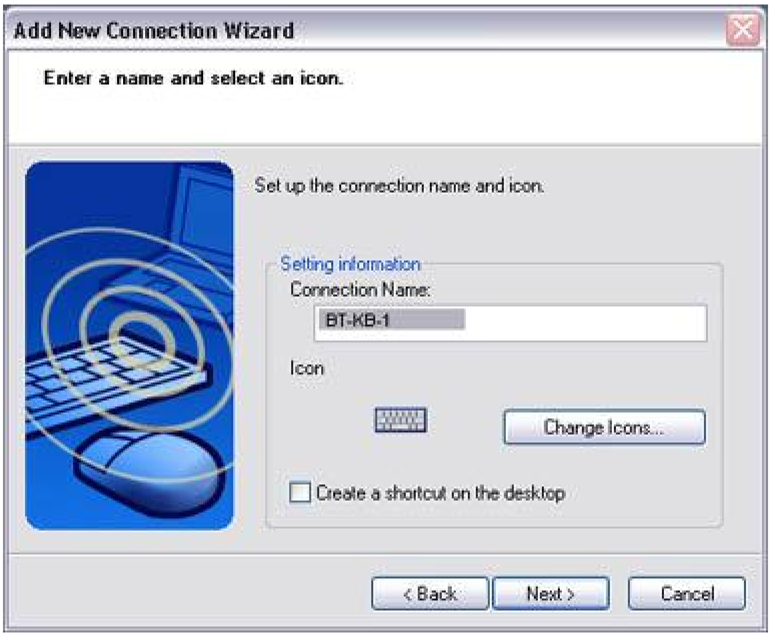
Please wait while the wizard registers the setting information.

Registering a HID device to this system.
Please wait.

The [Add New Connection Wizard (Connection Name Settings)] window will appear.

5. **Enter the type and name of the icon displayed after registration, and then click on the [Next] button**

Please click on the [Next] button if you are satisfied with the settings.



Add New Connection Wizard

Enter a name and select an icon.

Set up the connection name and icon.

Setting information

Connection Name: BT-KB-1

Icon

☐ Create a shortcut on the desktop

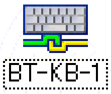
Note

- You can change the connection icon and icon name.
  "Changing a connection icon name"
  "Changing a connection icon"

The [Add New Connection Wizard (Completing the Add New Connection Wizard)] window will appear.

6. **Click on the [Finish] button**

The settings information will be registered, and an icon will appear in the [Bluetooth Settings] window.



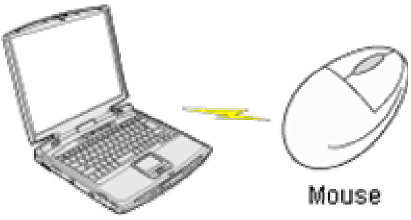
Note

- Pressing any key on the wireless keyboard will automatically connect it to the PC thereafter.
  Please connect manually if automatic connection is unsuccessful.

Using a wireless mouse

[HID]

This section describes how to connect a Bluetooth-compatible mouse to a PC.

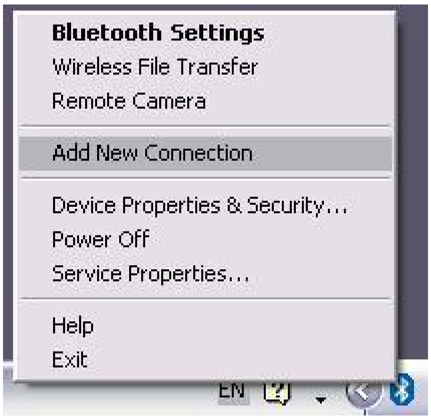


Setting up the wireless mouse

Procedure

1. **Turn on the wireless mouse, and set it to be connectable via Bluetooth**
   Please refer to the instruction manual for details on how to operate the mouse.

2. **Right-click on the Bluetooth icon in the task tray, and then click on [Add New Connection]**

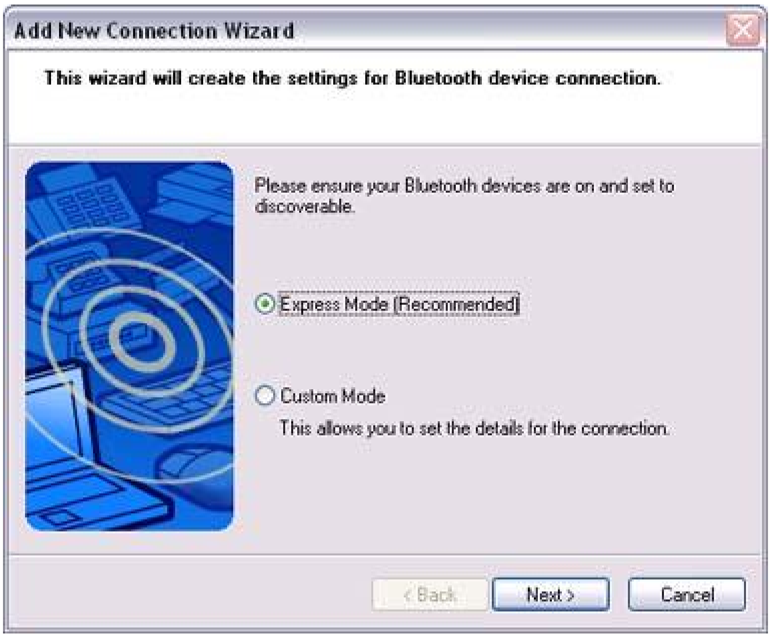


Note

- Alternatively, click [Start]->[All Programs]->[Bluetooth]->[Bluetooth Settings], and then click on [New Connection] from the active [Bluetooth Settings] window.

The [Add New Connection Wizard (Welcome to the Add New Connection Wizard)] window will appear.

3. **Confirm that [Express Mode] has been selected, and then click on the [Next] button**


Add New Connection Wizard

This wizard will create the settings for Bluetooth device connection.

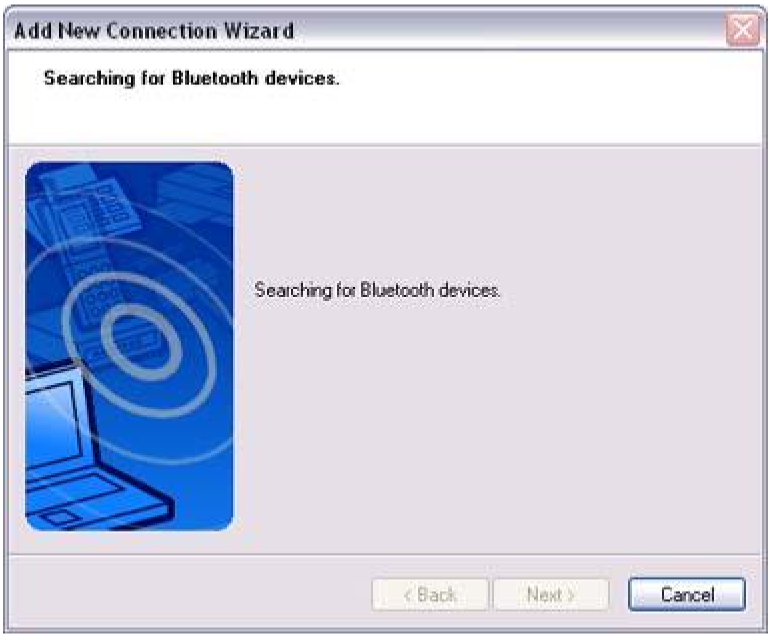
Please ensure your Bluetooth devices are on and set to discoverable.

● Express Mode (Recommended)

○ Custom Mode

This allows you to set the details for the connection.

The [Add New Connection Wizard (Searching for Bluetooth devices)] window will appear.

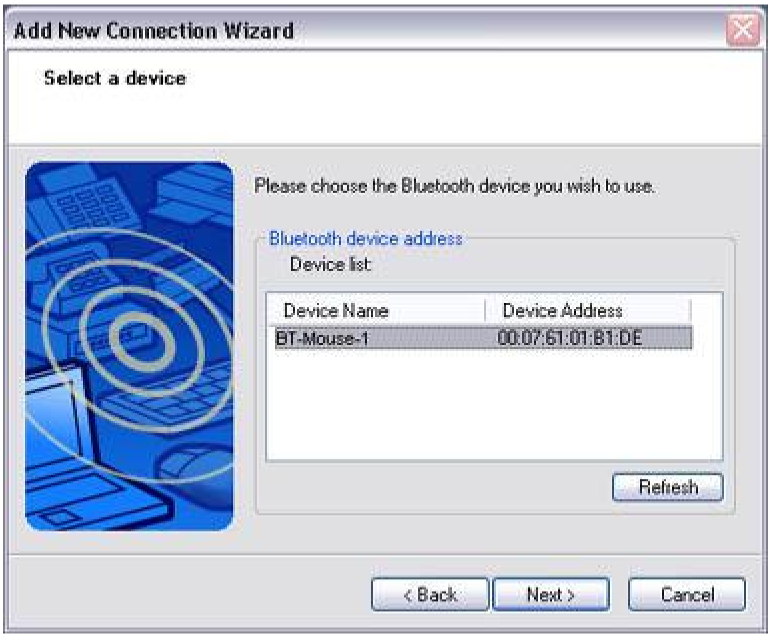

Add New Connection Wizard

Searching for Bluetooth devices.

Searching for Bluetooth devices.

Once the program has finished searching for the devices, the [Add New Connection Wizard (Device Selection)] window will appear.

4. **Select the device name of the mouse from [Device List], and then click on the [Next] button**



Add New Connection Wizard

Select a device

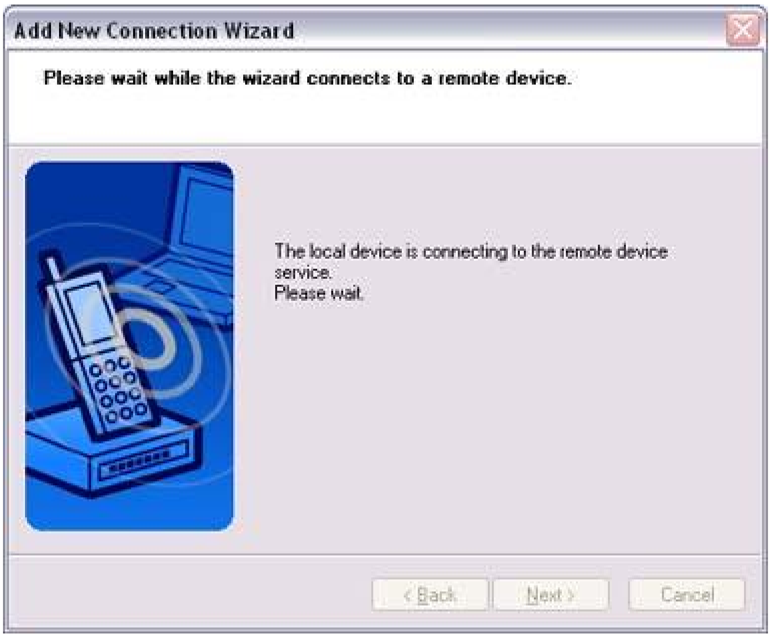
Please choose the Bluetooth device you wish to use.

Bluetooth device address

Device list:

Device Name	Device Address
BT-Mouse-1	00:07:61:01:B1:DE

The [Add New Connection Wizard (Searching for Services)] window will appear.



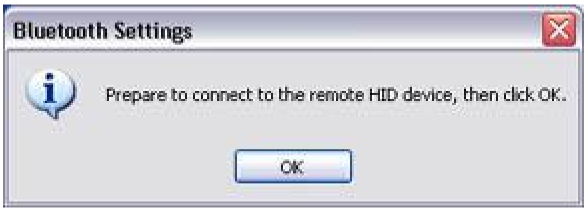
Add New Connection Wizard

Please wait while the wizard connects to a remote device.

The local device is connecting to the remote device service.
Please wait.

A message confirming a device connection will appear.

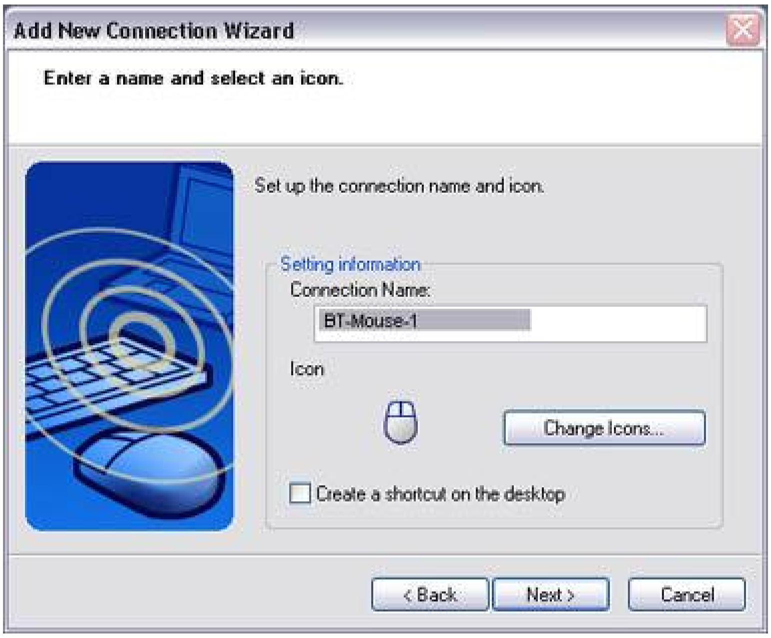
5. **Click on the [OK] button**



Prepare to connect to the remote HID device, then click OK.

The [Add New Connection Wizard (Connection Name Settings)] window will appear.

6. **Enter the type and name of the icon displayed after registration, and then click on the [Next] button**
Please click on the [Next] button if you are satisfied with the settings.



Enter a name and select an icon.

Set up the connection name and icon.

Connection Name: BT-Mouse-1

☐ Create a shortcut on the desktop

Note

- Please use this window to change the connection name and icon.
  - Changing the connection icon name
  - Changing the connection icon

The [Add New Connection Wizard (Completing the Add New Connection Wizard)] window will appear.

7. **Click on the [Finish] button**

The settings information will be have been registered, and an icon will appear in the [Bluetooth Settings] window.

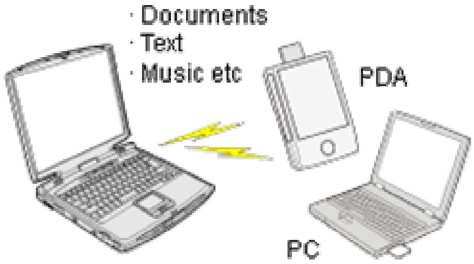
BT-Mouse-01

Note

- Clicking on one of the mouse buttons or otherwise operating it will automatically connect it to the PC thereafter. Please connect manually if automatic connection is unsuccessful.

Exchanging files with a PC or PDA [FTP]

You can send and receive files other than business card data with a Bluetooth-enabled PC or PDA.
Use "File transfer" in the Bluetooth Information Exchanger to exchange files.



Note

- The same operations will be valid as long as the PC and PDA support the FTP profile.
- "File transfer" cannot be used to send or receive business card data. Please instead use "Object Push" to perform these activities.

Sending files to a PC or PDA (using icons)
Sending files to a PC or PDA (by right-clicking the mouse)
Receiving files from a PC or PDA

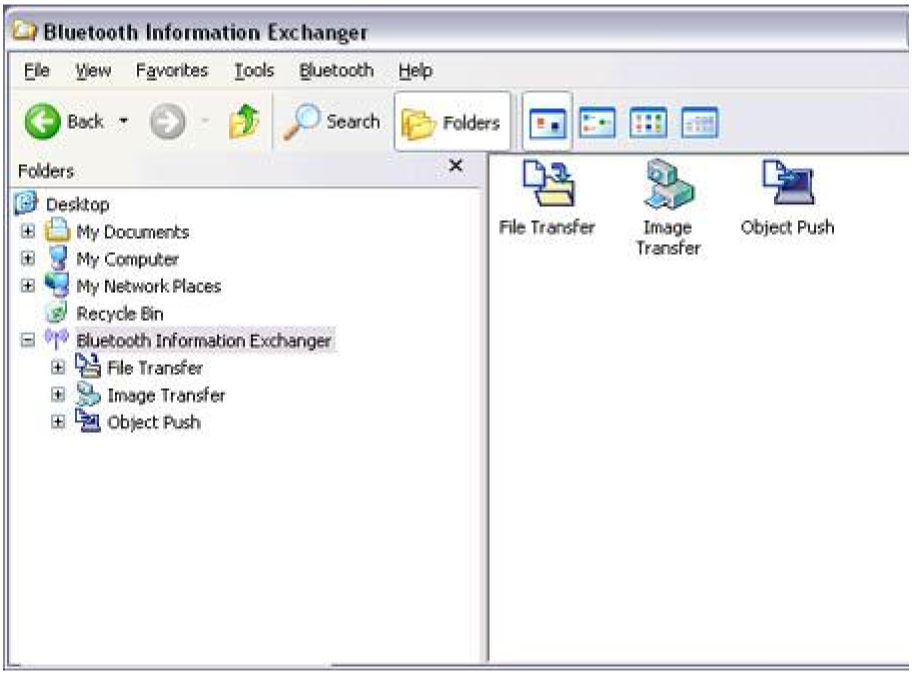
Procedure

Sending files to a PC or PDA (using icons)

1. **Turn on the PC or PDA**
2. **Double-click on the Bluetooth Information Exchanger icon on the Desktop**

Note

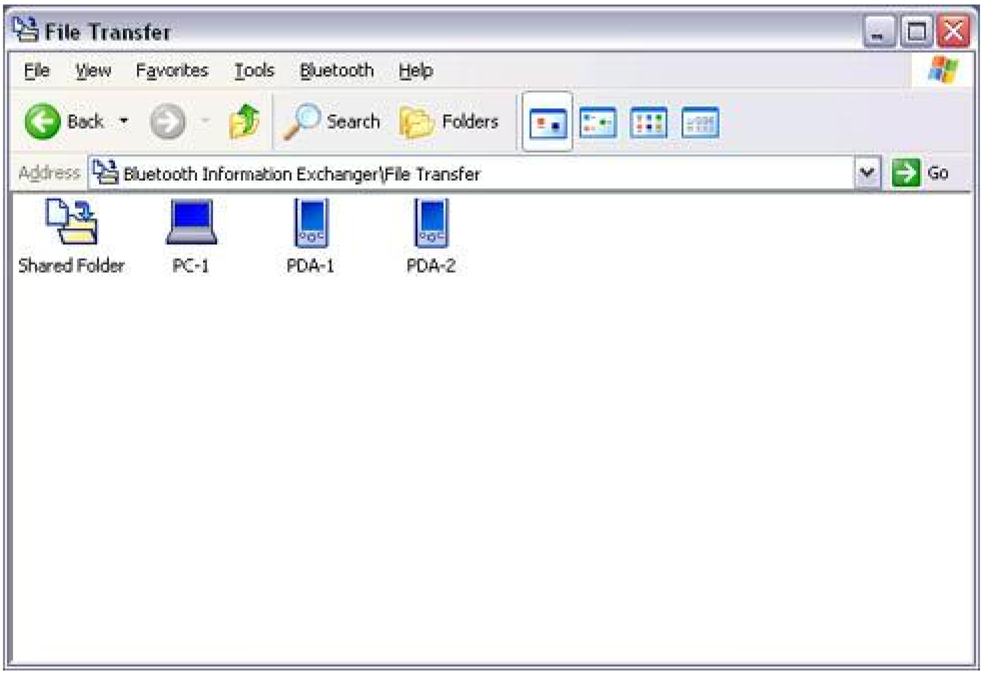
- Alternatively, opening Explorer and clicking on the Bluetooth Information Exchanger folder will produce the same result.



The [Bluetooth Information Exchanger] window will appear.

3. **Double-click on the [File transfer] icon**

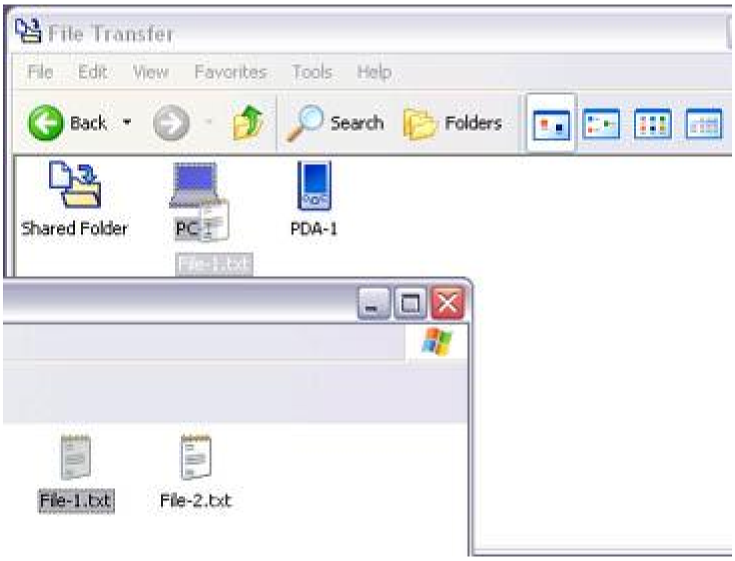
A list of devices will appear in the [File transfer] window.


File Transfer
File View Favorites Tools Bluetooth Help
Back Search Folders
Address Bluetooth Information Exchanger\File Transfer
Go
Shared Folder
PC-1
PDA-1
PDA-2

Note

- If the desired device does not appear in the list, please confirm that the device has been turned on, and then select [Bluetooth]->[Search Devices].
  A device search will be performed.
- You can also use "Image transfer" when sending individual image files.

4. **Use the mouse to drag and drop the file you wish to send over the destination icon**
   In this case, the file will be sent to a PC named "PC-1".



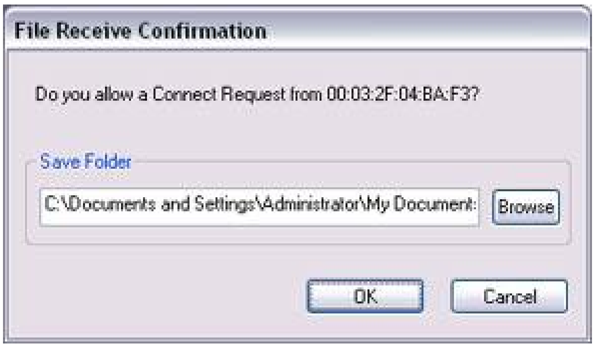
Note

    - When using "File transfer", you can send individual files as well as entire folders.

5. **Confirm that the file is being sent**
   The file will be sent to the PC.

   Note

    - When sending files using "File transfer", a message requesting permission to receive the files may appear on the destination (receiving) device. The content of the message will vary with the Bluetooth software installed on the destination device, so please be sure to follow the instructions provided.
      If you are using the Bluetooth Utility, a message similar to the one below will appear.

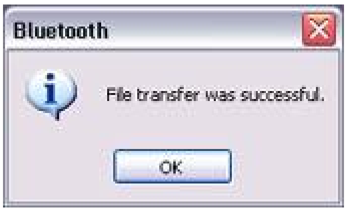


File Receive Confirmation

Do you allow a Connect Request from 00:03:2F:04:BA:F3?

Save Folder: C:\Documents and Settings\Administrator\My Document:

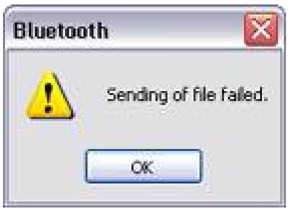
If the file has been sent successfully, the message below will appear.
Please click on the [OK] button.



Bluetooth

File transfer was successful.

The message below will appear if the file transmission was unsuccessful.
Please click on the [OK] button to close the message, and repeat the procedure.

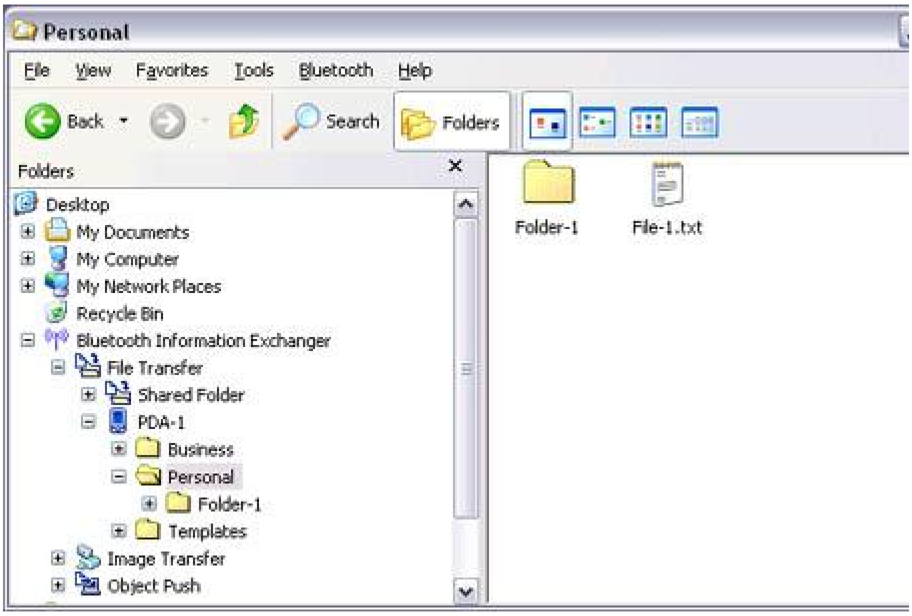


Bluetooth

Sending of file failed.

Note

- Files that have been sent will be saved in a file transfer shared folder on the destination device.
- Additionally, with "File transfer", you can open the shared folder on the destination device using Explorer, specify a subfolder, and then send the file there.

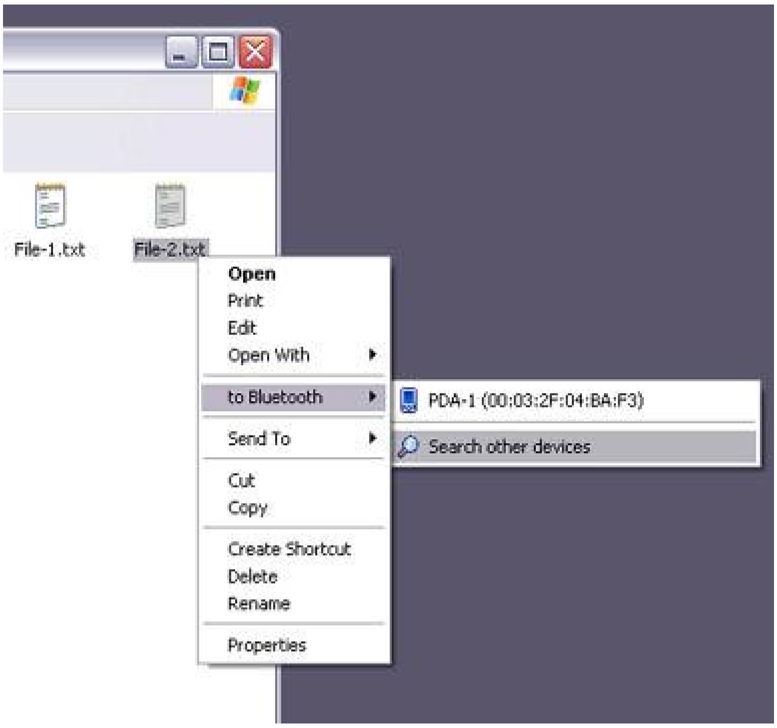


- You can use Properties in the Bluetooth Information Exchanger to change the location of the "Shared folder" on the hard drive.

Sending files to a PC or PDA (by right-clicking the mouse)

1. **Turn on the PC or PDA**
   Confirm that a Bluetooth connection has been enabled before proceeding.

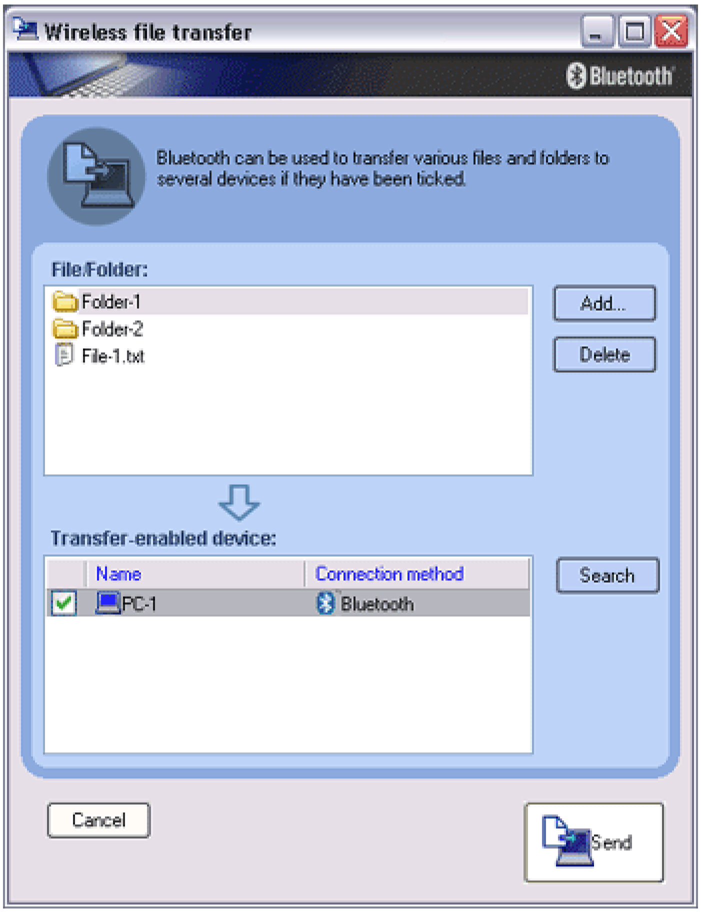
2. **Right-click on the file you wish to send, and then select its destination from [to Bluetooth]**



Note

- If the desired device does not appear in the list, please confirm that the device has been turned on, and then select [to Bluetooth]->[Search other devices].

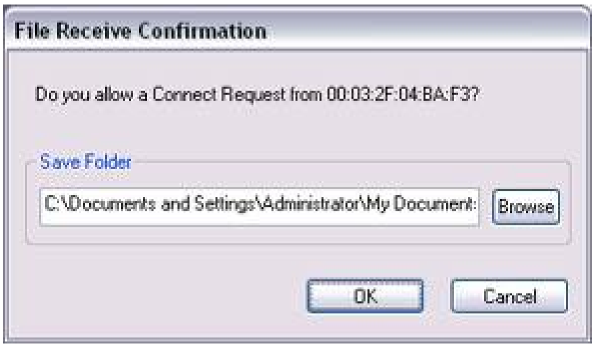
Once the devices have been detected, the message below will appear. Please select the destination device, and then click on the [Send] button.



3. **Confirm that the file is being sent**
   The file will be sent to the PC.

   Note

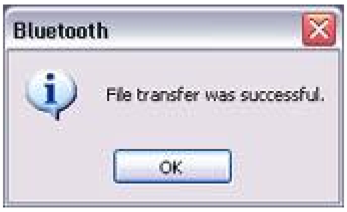
   - When sending files using "File transfer", a message requesting permission to receive the files may appear on the destination (receiving) device. The content of the message will vary with the Bluetooth software installed on the destination device, so please be sure to follow the instructions provided.
     If you are using the Bluetooth Utility, a message similar to the one below will appear.


File Receive Confirmation

Do you allow a Connect Request from 00:03:2F:04:BA:F3?

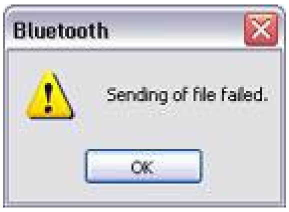
Save Folder
C:\Documents and Settings\Administrator\My Document:
Browse
OK
Cancel

If the file has been sent successfully, the message below will appear. Please click on the [OK] button.



File transfer was successful.

The message below will appear if the file transmission was unsuccessful. Please click on the [OK] button to close the message, and then repeat the procedure.



Sending of file failed.

Note

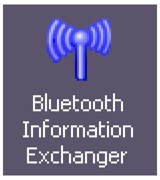
- Files that have been sent will be saved in a file transfer shared folder on the destination device.

¦Receiving files from a PC or PDA

Your PC is able to receive files that have been saved in the shared folder on the destination PC or PDA. Received files will be saved in the shared folder under "File transfer".

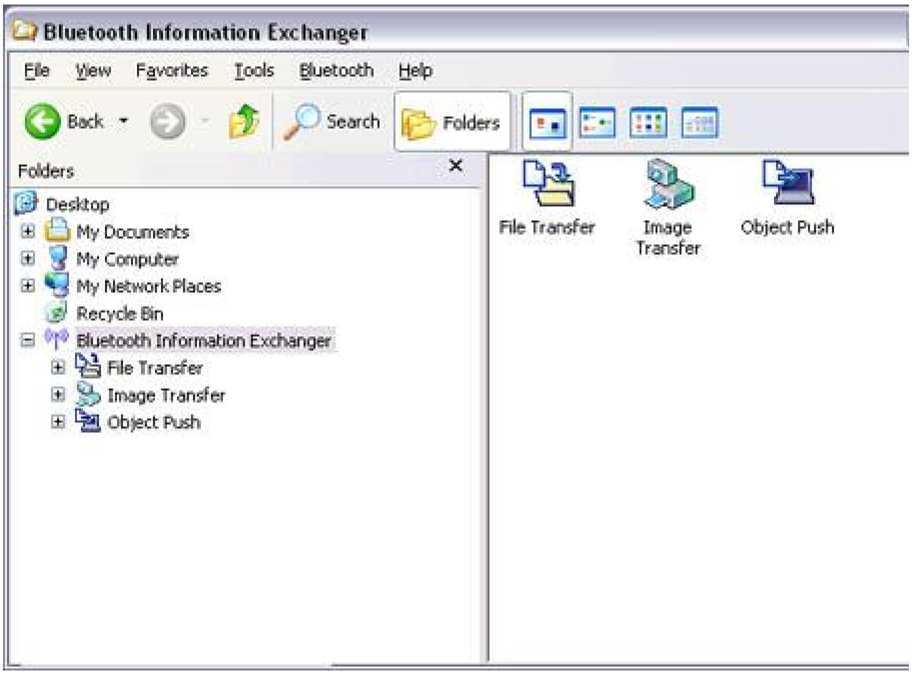
1. **Turn on the PC or PDA**
   Confirm that a Bluetooth connection has been enabled before proceeding.

2. **Double-click on the Bluetooth Information Exchanger icon on the Desktop**



Note

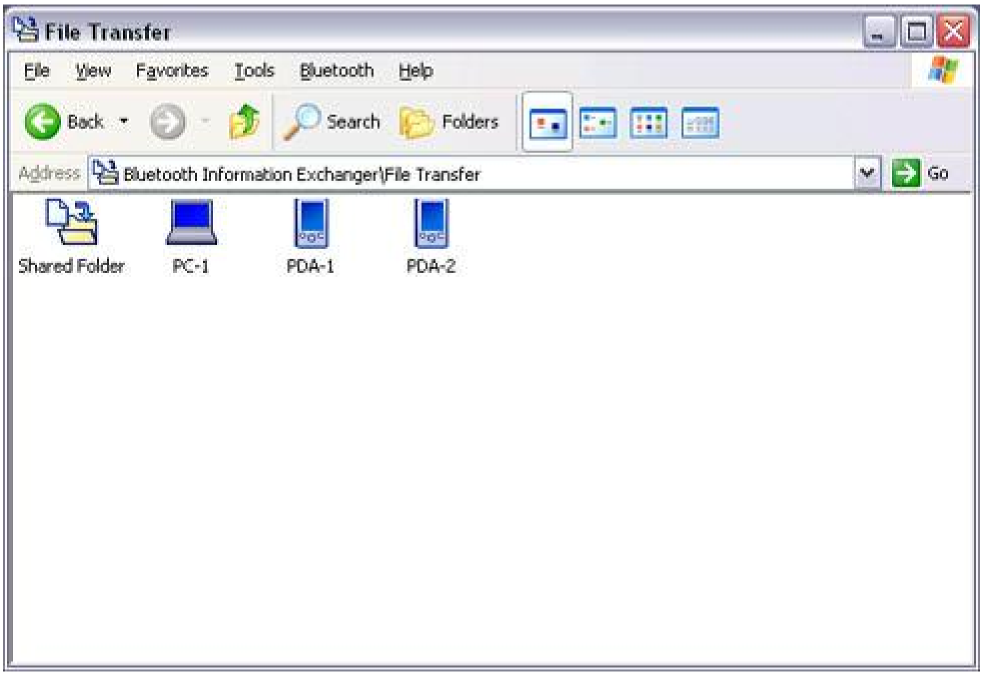
- Alternatively, opening Explorer and clicking on the Bluetooth Information Exchanger folder will produce the same result.



The [Bluetooth Information Exchanger] window will appear.

3. **Double-click on the [File transfer] icon**

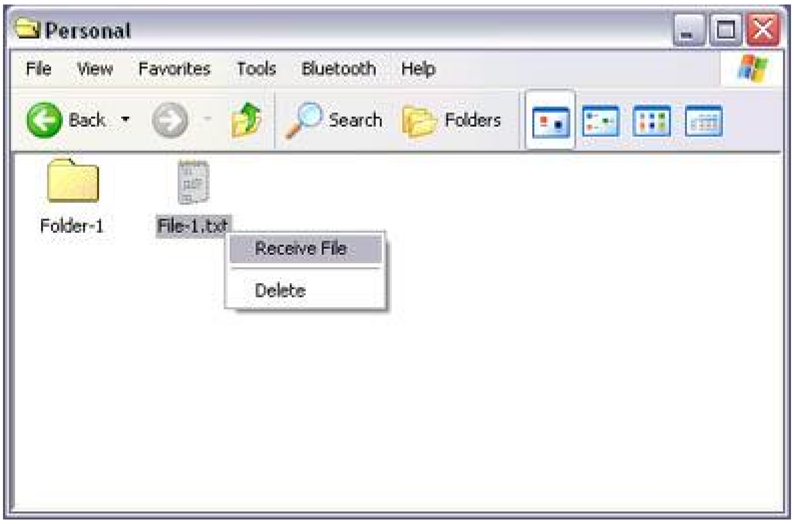
A list of devices will appear in the [File transfer] window.


File Transfer
File View Favorites Tools Bluetooth Help
Back
Search
Folders
Address
Bluetooth Information Exchanger\File Transfer
Go
Shared Folder
PC-1
PDA-1
PDA-2

In this case, the file will be received from the PDA named "My Mobile".

4. **Double-click on the [PDA-1] icon**
   The file saved in the shared folder in "My Mobile" will appear.

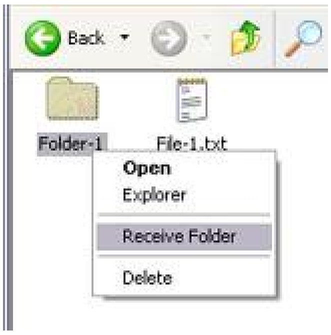
5. **Right-click on the file you wish to receive, and then select "Receive file".**



The file will be received from a PDA.

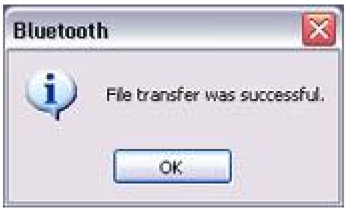
Note

- With "File transfer", you can send individual files as well as entire folders.
  Please right-click on the folder you wish to receive, and select "Receive folder".



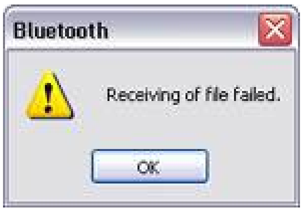
Subsequent operations should be performed in the same manner as when receiving individual files.

If the file has been received successfully, the message below will appear. Please click on the [OK] button.



File transfer was successful.

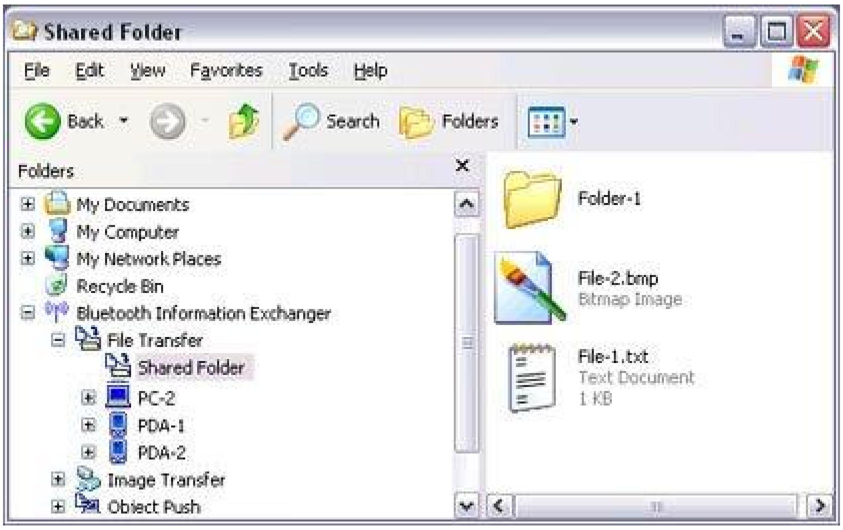
The message below will appear if the file transmission was unsuccessful. Please click on the [OK] button to close the message, and repeat the procedure.



Receiving of file failed.

Note

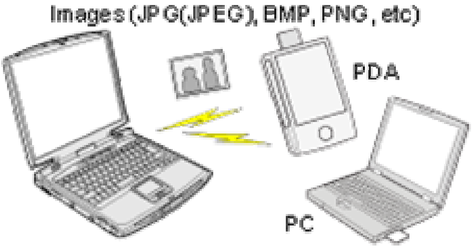
- The received file will be saved in the "Shared folder" under "File transfer" in the Bluetooth Information Exchanger



You can use Properties under the Bluetooth Information Exchanger to specify the location of the "Shared folder" on the hard drive.

Sending images to a PC or PDA [BIP]

You can send image data to a Bluetooth-enabled PC or PDA.
Images are sent using "Image transfer" under Bluetooth Information Exchanger.



Note

- The following image file formats can be sent and received using "Image transfer":
    - Bitmap (*.bmp)
    - JPEG (*.jpg, *.jpeg)
    - PNG (*.png)

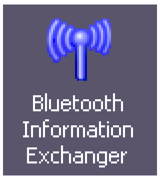
Sending images to a PC or PDA (using icons)
Sending images to a PC or PDA (by right-clicking the mouse)

Procedure

¦Sending images to a PC or PDA (using icons)

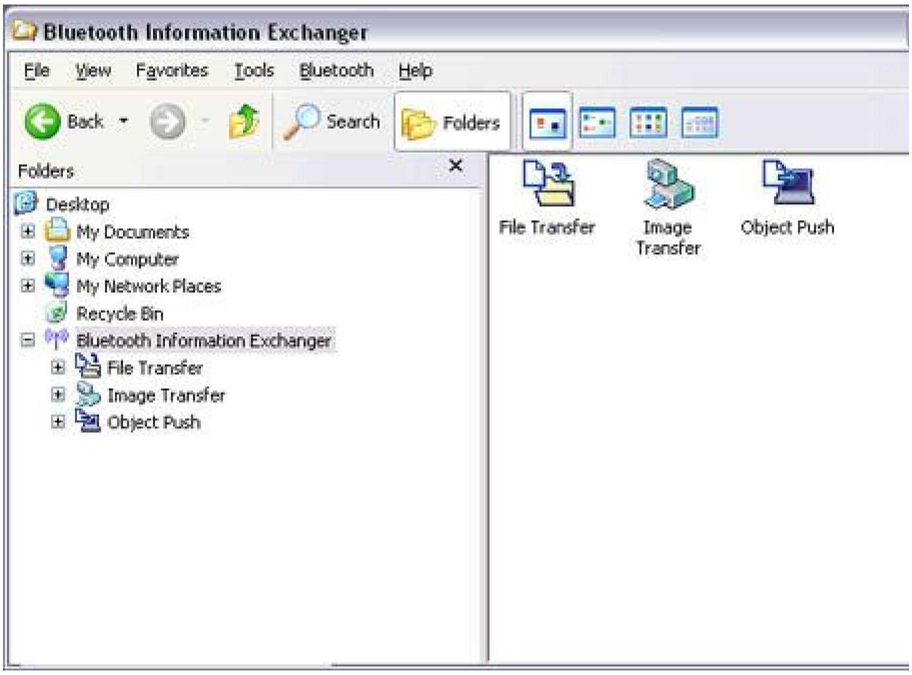
1. **Turn on the PC or PDA**
   Confirm that a Bluetooth connection has been enabled before proceeding.

2. **Double-click on the Bluetooth Information Exchanger icon on the Desktop**

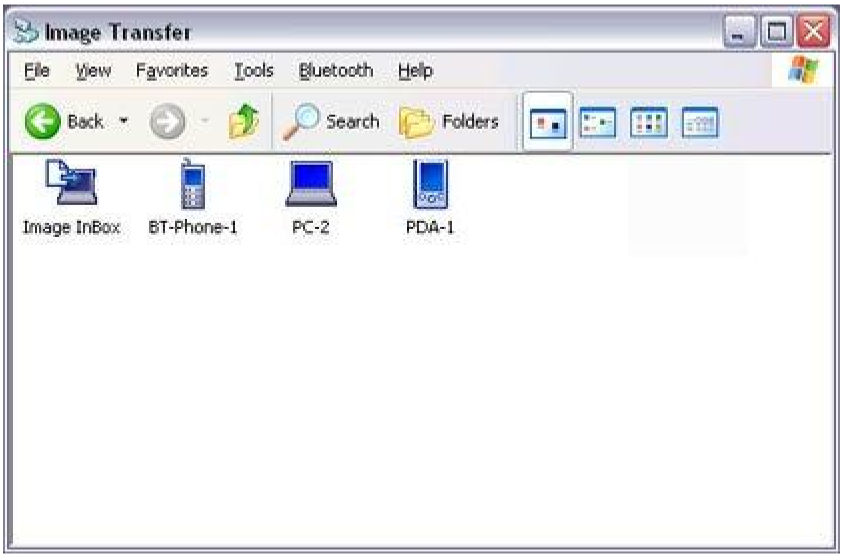
   Note

    - Alternatively, opening Explorer and clicking on the Bluetooth Information Exchanger folder will produce the same result.



The [Bluetooth Information Exchanger] window will appear.

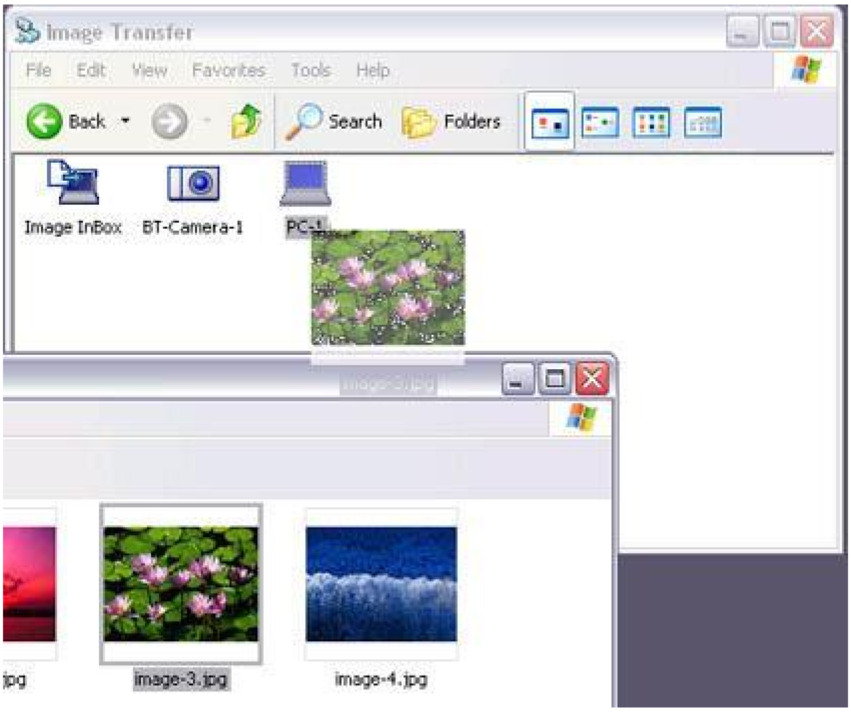
3. **Double-click on the [Image transfer] icon**
   A list of devices will appear in the [Image transfer] window.



Note

- If the desired device does not appear in the list, please confirm that the device has been turned on, and then select [Bluetooth]->[Search Devices].
  A device search will be performed.

4. **Drag and drop the file you wish to send over the destination icon**
   In this case, the image will be sent to a PC named "PC-1".



The image will be sent.
If the image has been sent successfully, the message below will appear.
Please click on the [OK] button.

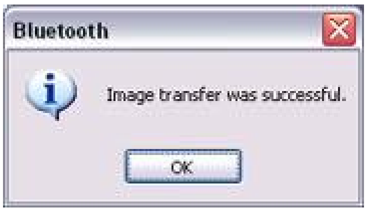
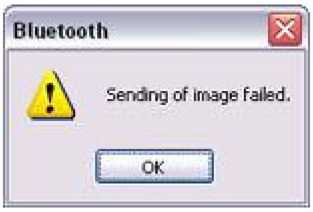


Image transfer was successful.

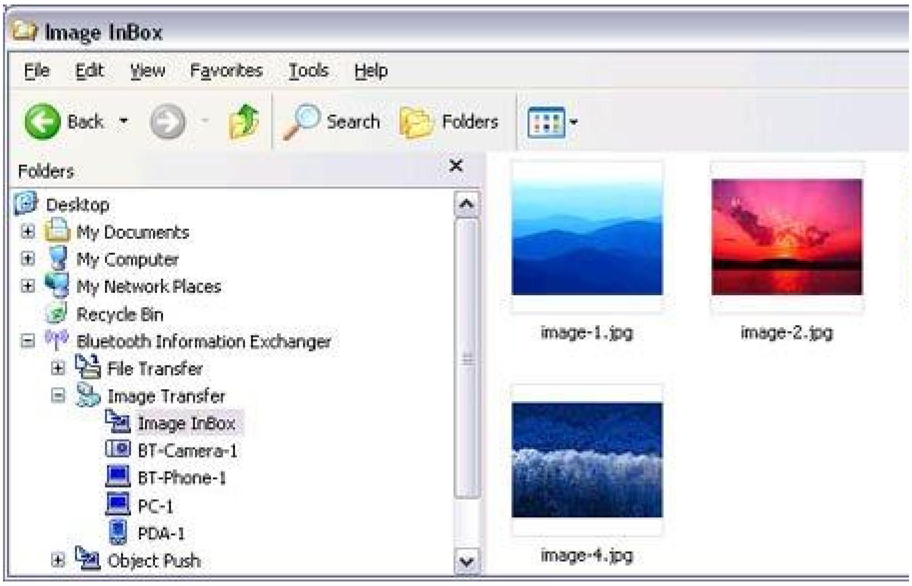
The message below will appear if the image transmission was unsuccessful.
Please click on the [OK] button to close the message, and repeat the procedure.



Sending of image failed.

Note

- Images that have been sent will be saved in an image transfer folder on the destination device.
- Images received using "Image transfer" in the Bluetooth Information Exchanger will be saved in the "Image Box" in "Image transfer".

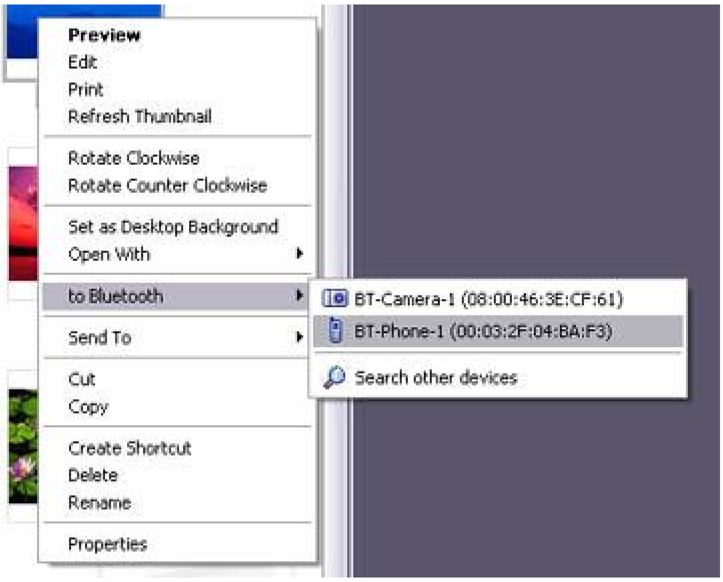


- You can use Properties under the Bluetooth Information Exchanger to change the location of the "Image Box" folder on the hard drive.

Sending images to a PC or PDA (by right-clicking the mouse)

1. **Turn on the PC or PDA**
   Confirm that a Bluetooth connection has been enabled before proceeding

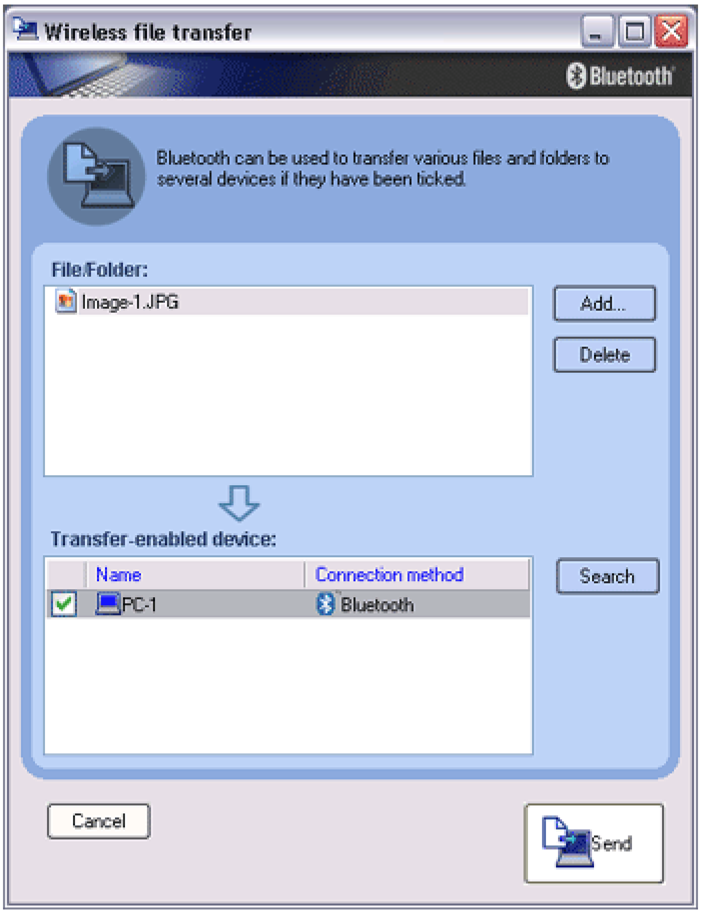
2. **Right-click on the file you wish to send, and then click on its destination from [to Bluetooth]**



Note

- If the desired device does not appear in the list, please confirm that the device has been turned on, and then select [to Bluetooth]->[Search other devices].

Once the devices have been detected, the message below will appear. Please select the destination device, and then click on the [Send] button.



Bluetooth can be used to transfer various files and folders to several devices if they have been ticked.

The image will be sent.
If the image has been sent successfully, the message below will appear.
Please click on the [OK] button.

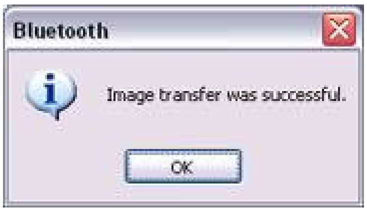
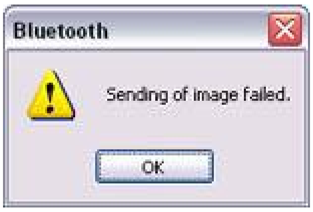


Image transfer was successful.

The message below will appear if the image transmission was unsuccessful. Please click on the [OK] button to close the message, and repeat the procedure.


Bluetooth

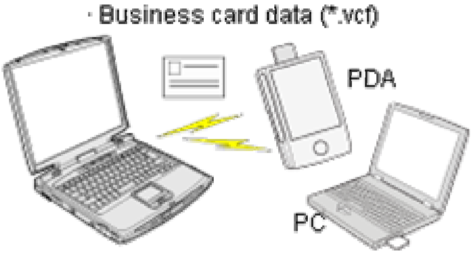
Sending of image failed.

Note

- When you send images by right-clicking the mouse, the image data that has been sent will be saved in the image transfer shared folder on the destination device. This is also the case when you send images using icons.

Exchanging business card data with a PC or PDA [OPP]

You can exchange business card data with a Bluetooth-enabled PC or PDA.
Business card data are exchanged using "Object Push" under Bluetooth Information Exchanger.



Note

- Data compliant with the "vCARD" standard are the only type of business card data able to be sent and received with "Object Push". Business card data can be used by applications such as Microsoft Outlook.
- Business card data can be created in vCARD format by Microsoft Outlook and other similar applications.
  "Creating business card data in the vCARD format"
- You can send business card data directly from Microsoft Outlook.
  "Sending business card data from Outlook"
- The OPP profile must be supported by the PC or PDA of the other party.

Selecting a business card and sending it to a PC or PDA (using icons)
Selecting a business card and sending it to a PC or PDA (by right-clicking the mouse)

Sending your personal business card
Receiving a business card from another party
Exchanging business cards

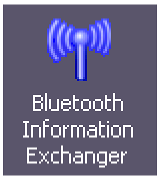
Procedure

¦Selecting a business card and sending it to a PC or PDA (using icons)

Select a business card you wish to send from among all the business card data you have already received through exchanges with your business or other contacts, and then send it to another party.

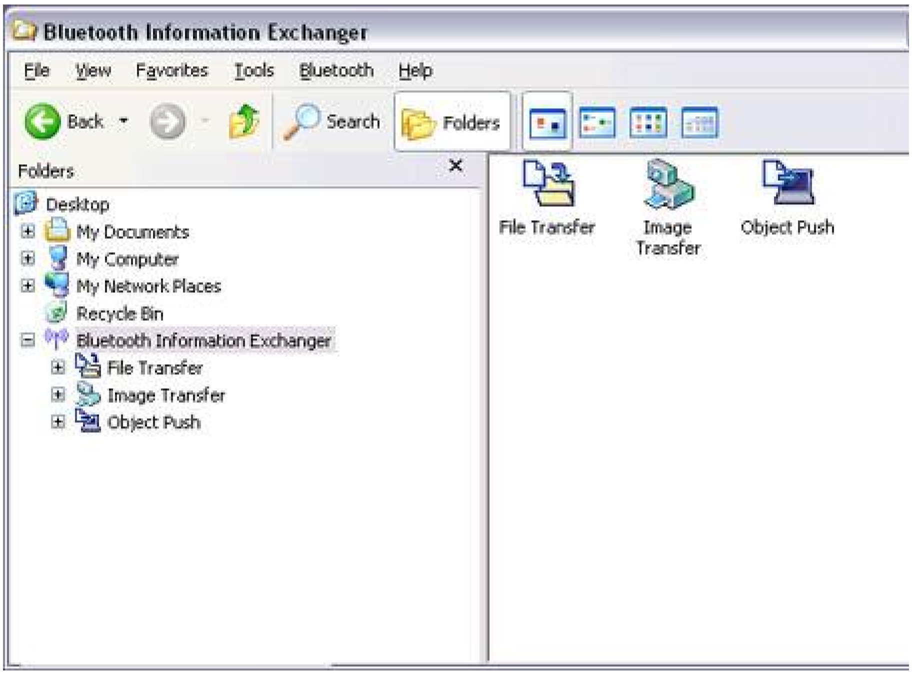
1. **Turn on the PC or PDA**
   Confirm that a Bluetooth connection has been enabled before proceeding.

2. **Double-click on the Bluetooth Information Exchanger icon on the Desktop**



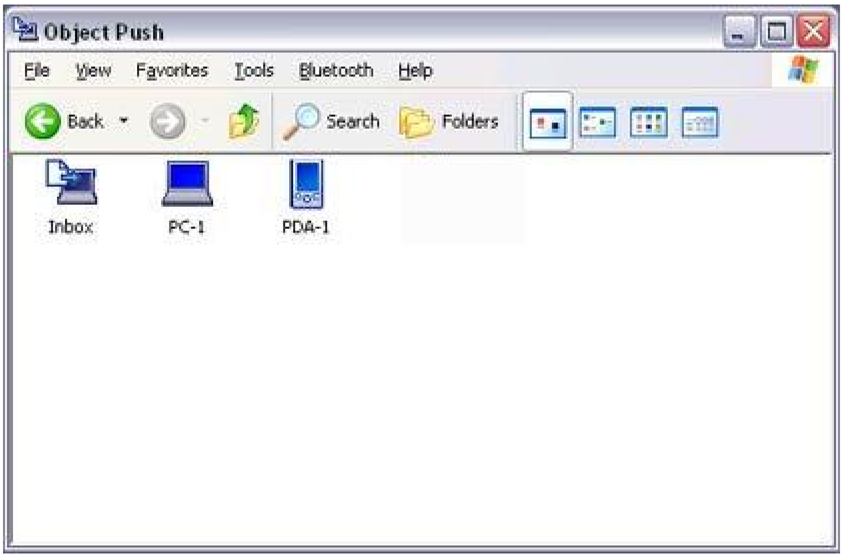
Note

- Alternatively, opening Explorer and clicking on the Bluetooth Information Exchanger folder will produce the same result.



The [Bluetooth Information Exchanger] window will appear.

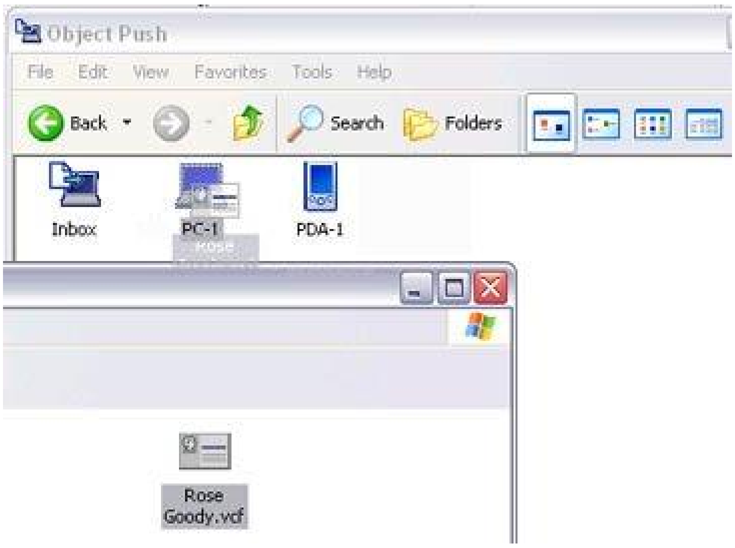
3. **Double-click on the [Object Push] icon**
   A list of devices will appear in the [Object Push] window.



Note

- o If the desired device does not appear in the list, please confirm that the device has been turned on, and then select [Bluetooth]->[Search Devices].
  A device search will be performed.

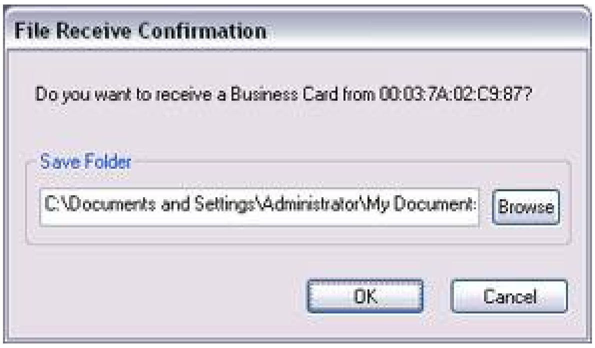
4. **Use the mouse to drag and drop the business card you wish to send over the destination icon**
   In this case, the business card will be sent to a PC named "PC-1".



The business card will be sent.

Note

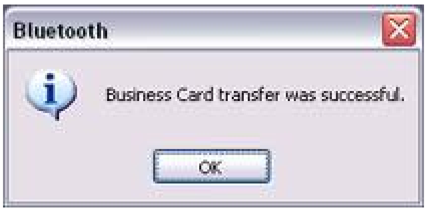
- o When you try to send a business card, a message requesting permission to receive the card may appear on the device belonging to the other party (i.e., on the receiving end). The content of the message will vary with the Bluetooth software installed on the destination device, so please be sure to follow the instructions provided. If you are using the Bluetooth Utility, a message similar to the one below will appear.



Do you want to receive a Business Card from 00:03:7A:02:C9:87?

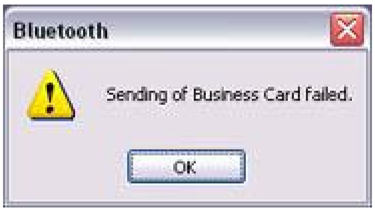
C:\Documents and Settings\Administrator\My Document:

If the business card has been sent successfully, the message below will appear.
Please click on the [OK] button.



Business Card transfer was successful.

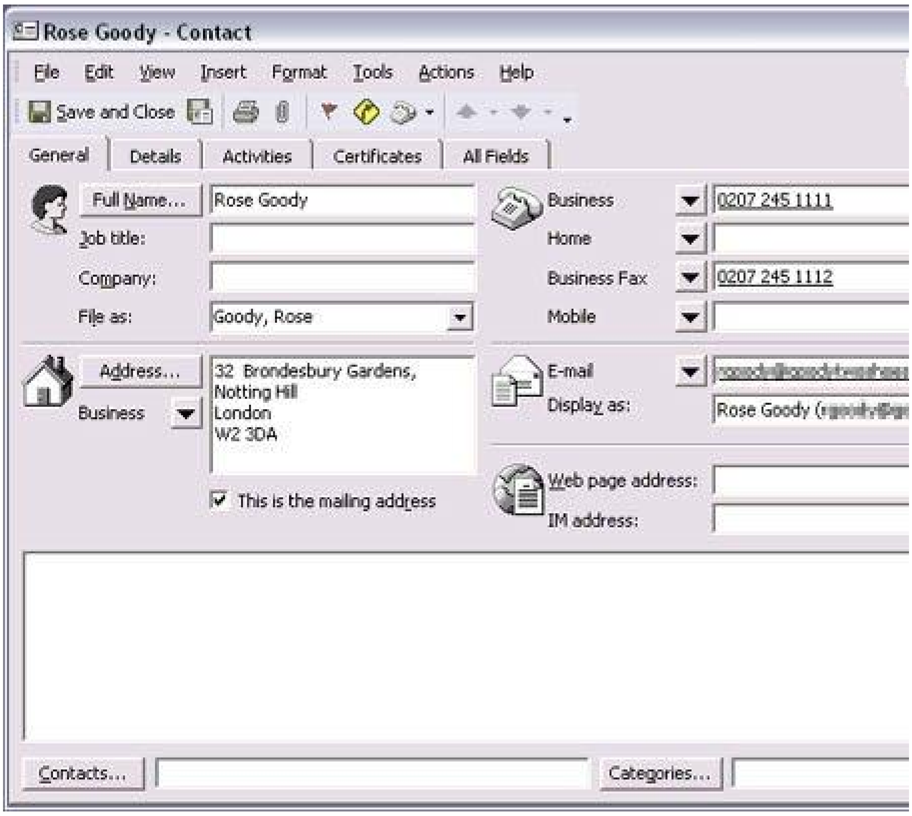
The message below will appear if the business card transmission was unsuccessful.
Please click on the [OK] button to close the message, and repeat the procedure.



Sending of Business Card failed.

Memo

- Data that have been sent will be saved in a folder for exchanged business cards on the destination device.
- You can configure an associated application (Microsoft Outlook etc) to start automatically when you have received a business card, allowing you to view the card details.


Rose Goody - Contact
File Edit View Insert Format Tools Actions Help
Save and Close
General Details Activities Certificates All Fields
Full Name...
Address...
Contacts...
Categories...

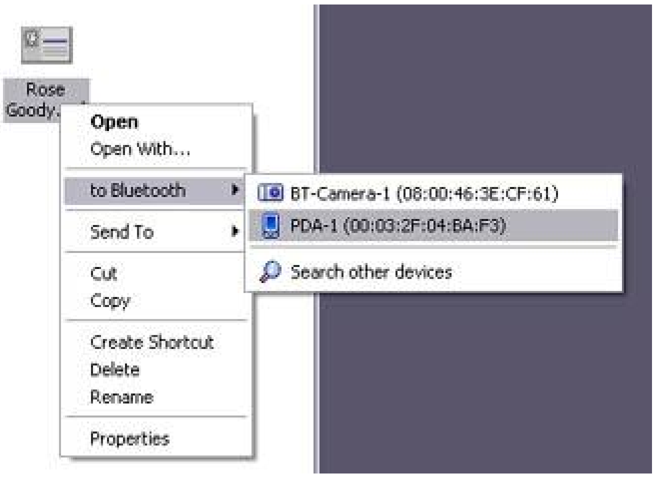
Full Name...: Rose Goody
Job title:
Company:
File as: Goody, Rose
Business: 0207 245 1111
Home:
Business Fax: 0207 245 1112
Mobile:
Address... Business: 32 Brondesbury Gardens,
Notting Hill
London
W2 3DA
☑ This is the mailing address
E-mail: [redacted]
Display as: Rose Goody ([redacted]
Web page address:
IM address:

You can use [Properties]() under Bluetooth Information Exchanger to configure whether or not you would like such an application to start automatically.

Selecting a business card and sending it to a PC or PDA (by right-clicking the mouse)

1. **Turn on the PC or PDA**
   Confirm that a Bluetooth connection has been enabled before proceeding.

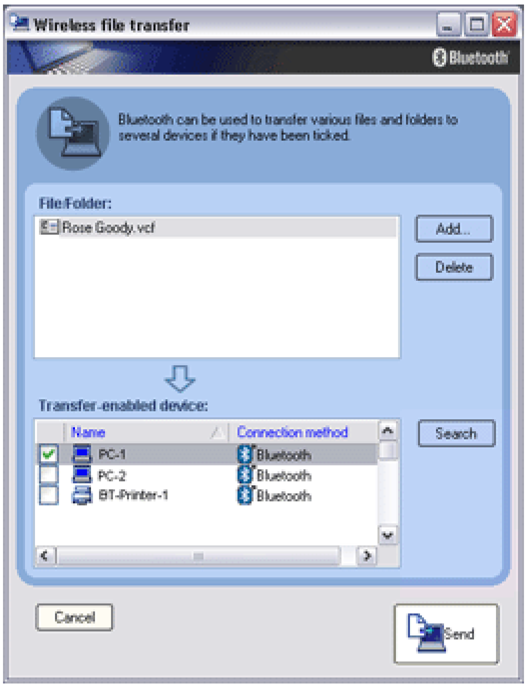
2. **Right-click on the business card you wish to send, and then click on its destination from [to Bluetooth]**



Note

- If the desired device does not appear in the list, please confirm that the device has been turned on, and then select [to Bluetooth]->[Search other devices].

Once the devices have been detected, the message below will appear. Please select the destination device, and then click on the [Send] button.



Bluetooth can be used to transfer various files and folders to several devices if they have been ticked.

File/Folder:
Rose Goody.vcf

Transfer-enabled device:

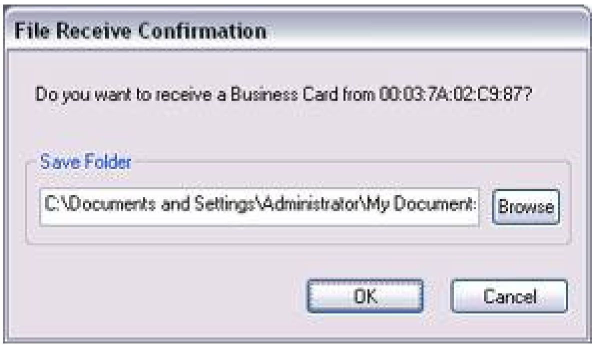
	Name	Connection method
☑	PC-1	Bluetooth
☐	PC-2	Bluetooth
☐	BT-Printer-1	Bluetooth

The business card will be sent.

Note

- When you try to send a business card, a message requesting permission to receive the files may appear on the device belonging to the other party (i.e., on the

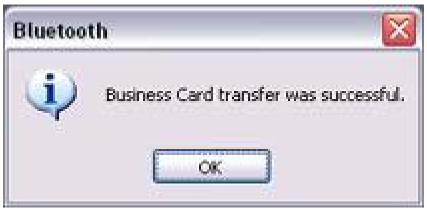
receiving end). The content of the message will vary with the Bluetooth software installed on the destination device, so please be sure to follow the instructions provided.
If you are using the Bluetooth Utility, a message similar to the one below will appear.



Do you want to receive a Business Card from 00:03:7A:02:C9:87?

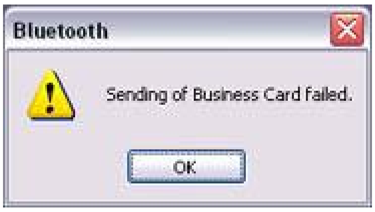
Save Folder: C:\Documents and Settings\Administrator\My Document:

If the business card has been sent successfully, the message below will appear.
Please click on the [OK] button.



Business Card transfer was successful.

The message below will appear if the business card transmission was unsuccessful.
Please click on the [OK] button to close the message, and repeat the procedure.



Sending of Business Card failed.

Note

- Data that have been sent will be saved in a folder for exchanged business cards on the destination device.

Sending your personal business card

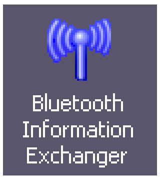
You can prepare a business card bearing your name and other details such as your company and telephone numbers, and then send it to another party.

Note

- Please use Properties under Bluetooth Information Exchanger beforehand to configure which data to use for your own business card.
- You can only have one business card registered as your own that is able to be sent.

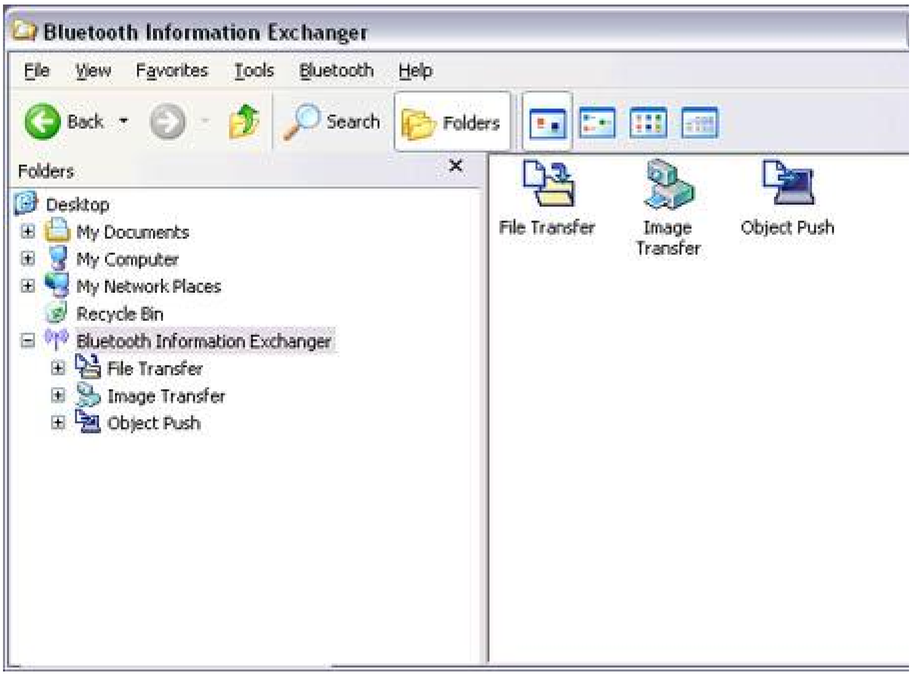
1. **Turn on the PC or PDA**
   Confirm that a Bluetooth connection has been enabled before proceeding

2. **Double-click on the Bluetooth Information Exchanger icon on the Desktop**



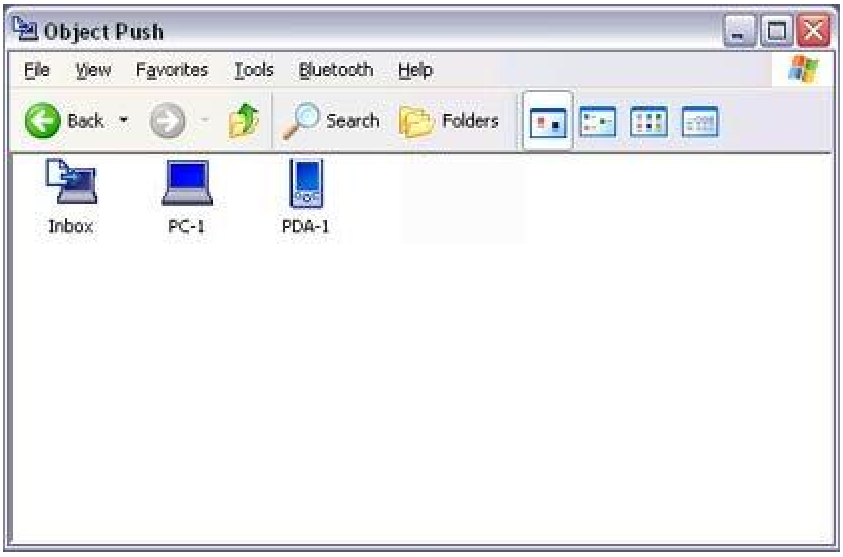
Note

- Alternatively, opening Explorer and clicking on the Bluetooth Information Exchanger folder will produce the same result.



The [Bluetooth Information Exchanger] window will appear.

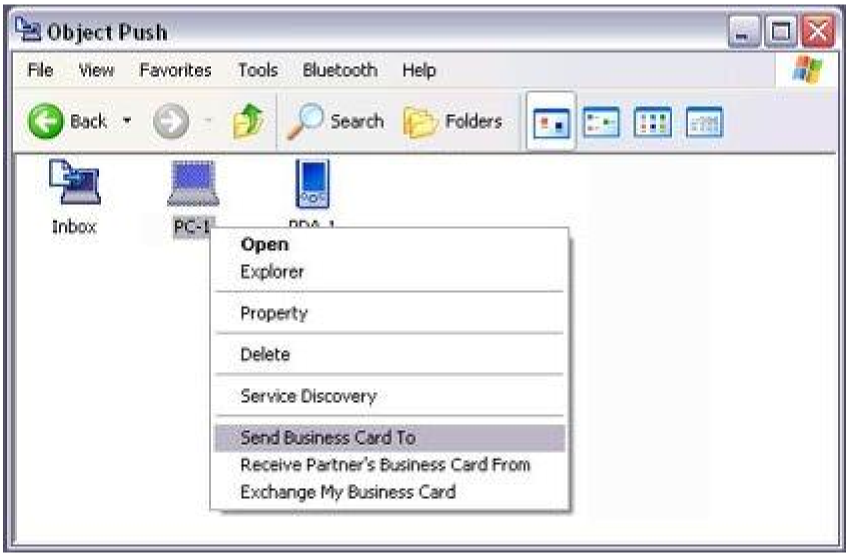
3. **Double-click on the [Object Push] icon**
   A list of devices will appear in the [Object Push] window.



Note

- If the desired device does not appear in the list, please confirm that the device has been turned on, and then select [Bluetooth]->[Search Devices].
  A device search will be performed.

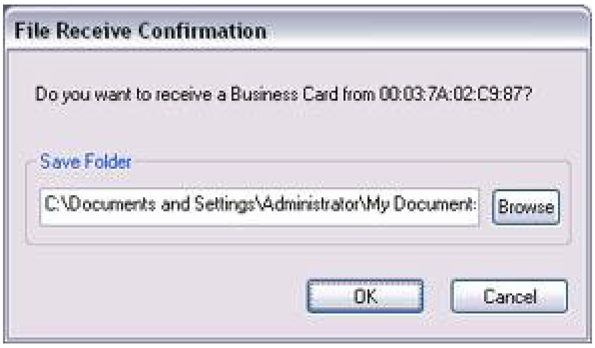
4. **Right-click on the destination icon, and then click on [Send business card To]**
   In this case, your personal business card will be sent to a PC named "PC-1".


Object Push
File View Favorites Tools Bluetooth Help
Back
Search
Folders
Inbox
PC-1
Open
Explorer
Property
Delete
Service Discovery
Send Business Card To
Receive Partner's Business Card From
Exchange My Business Card

The business card will be sent.

Note

- When you try to send a business card, a message requesting permission to receive the files may appear on the device belonging to the other party (i.e., on the receiving end). The content of the message will vary with the Bluetooth software installed on the destination device, so please be sure to follow the instructions provided. If you are using the Bluetooth Utility, a message similar to the one below will appear.

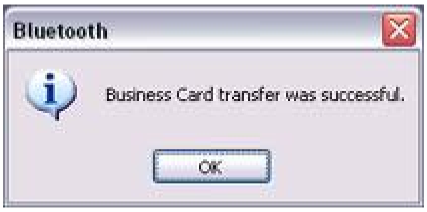


Do you want to receive a Business Card from 00:03:7A:02:C9:87?

Save Folder: C:\Documents and Settings\Administrator\My Document:

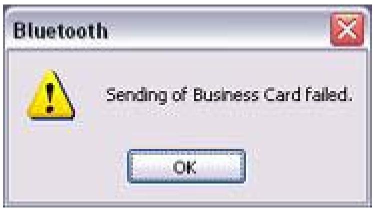
- Business cards that have been sent will be saved in the Inbox of the destination party.

If your business card has been sent successfully, the message below will appear.
Please click on the [OK] button.



Business Card transfer was successful.

The message below will appear if the business card transmission was unsuccessful. Please click on the [OK] button to close the message, and repeat the procedure.



Sending of Business Card failed.

Note

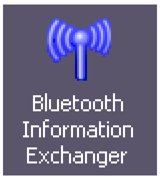
- Data that has been sent will be saved in a folder for exchanged business cards on the destination device.

¦Acquiring a business card from another party

You can use your PC to acquire a business card from a party containing their details.

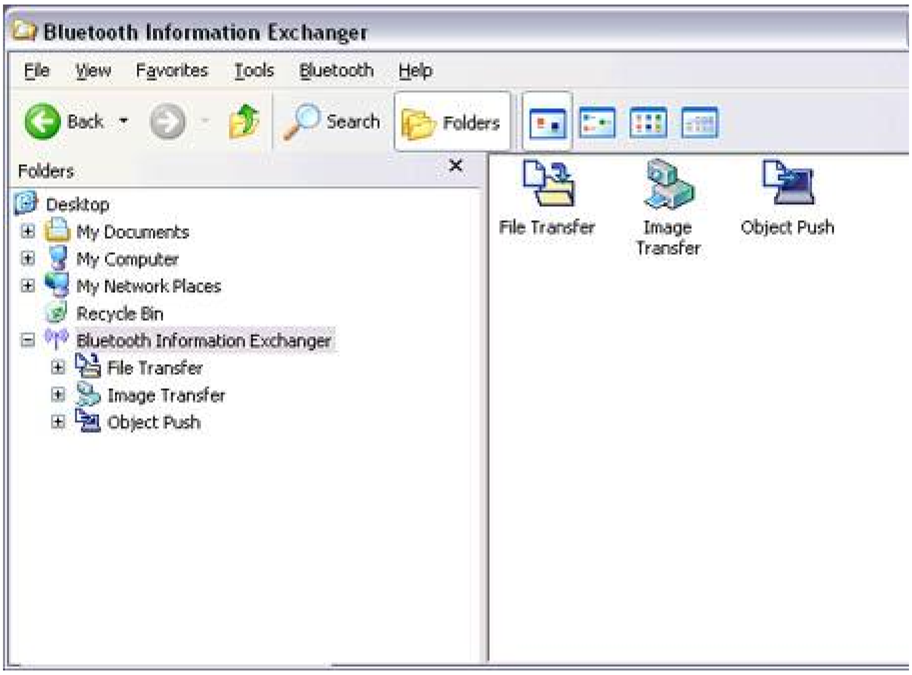
1. **Turn on the PC or PDA**
   Confirm that a Bluetooth connection has been enabled before proceeding

2. **Double-click on the Bluetooth Information Exchanger icon on the Desktop**



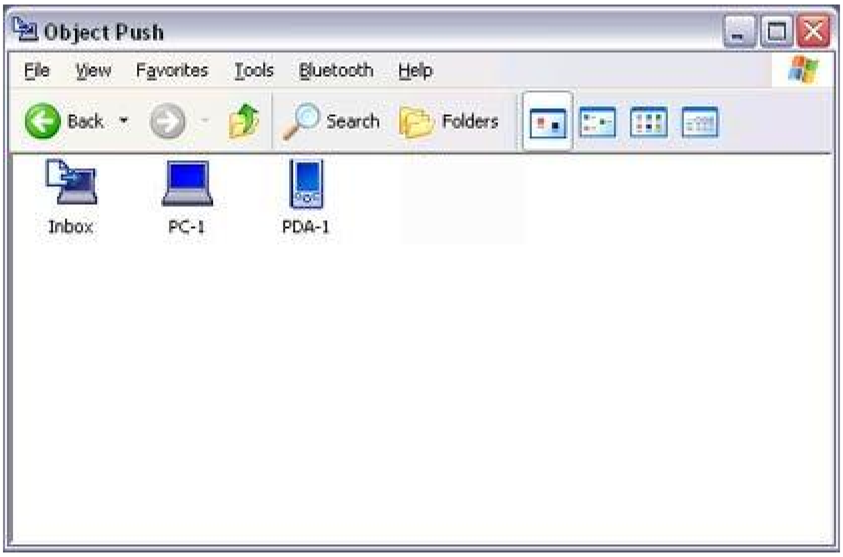
Note

- Alternatively, opening Explorer and clicking on the Bluetooth Information Exchanger folder will produce the same result.



The [Bluetooth Information Exchanger] window will appear.

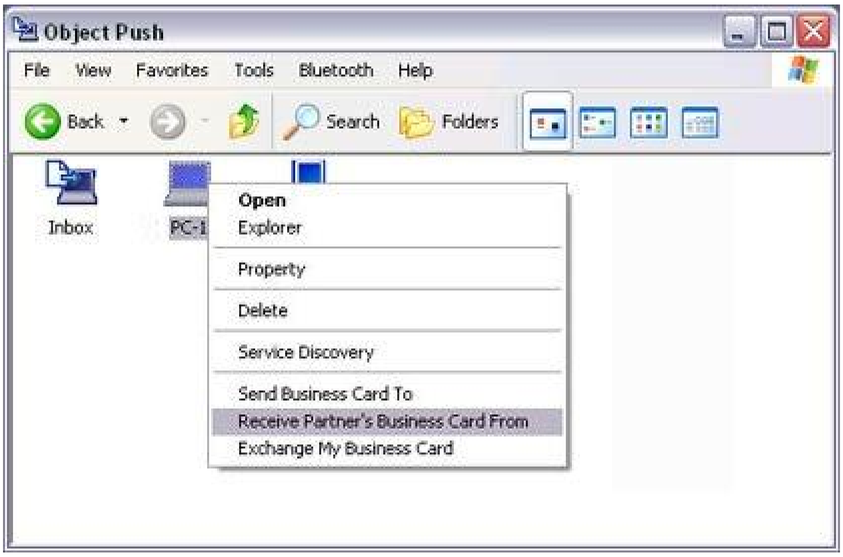
3. **Double-click on the [Object Push] icon**
   A list of devices will appear in the [Object Push] window.



Note

- If the desired device does not appear in the list, please confirm that the device has been turned on, and then select [Bluetooth]->[Search Devices].
  A device search will be performed.

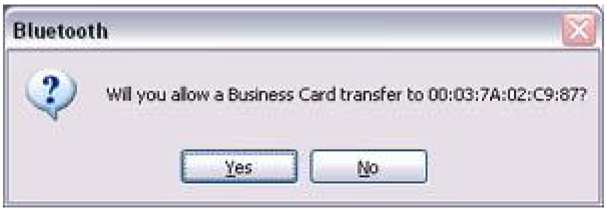
4. **Right-click on the icon of the party whose card you wish to acquire, and then click on [Receive business card]**
   In this case, the business card of the other party will be acquired from a PC named "PC-1".



The business card will be received.

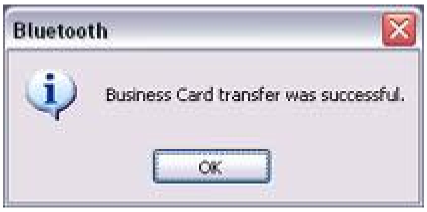
Note

- When you try to acquire a business card, a message requesting permission to send the files may appear on the device belonging to the other party (i.e., on the sending end). The content of the message will vary with the Bluetooth software installed on the destination device, so please be sure to follow the instructions provided.
  If you are using the Bluetooth Utility, a message similar to the one below will appear.



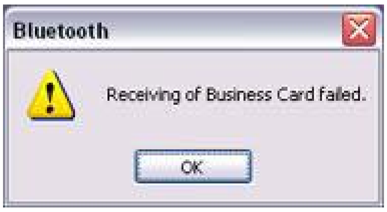
Will you allow a Business Card transfer to 00:03:7A:02:C9:87?

If the business card has been received successfully, the message below will appear.
Please click on the [OK] button.



Business Card transfer was successful.

The message below will appear if the business card was unsuccessfully received.
Please click on the [OK] button to close the message, and repeat the procedure.



Receiving of Business Card failed.

Note

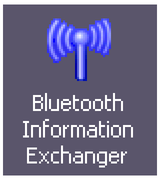
- Business card data that have been received will be saved in the Inbox under "Object Push".
  You can use Properties under the Bluetooth Information Exchanger to set the location of the Inbox on the hard drive.

Exchanging business cards

Simultaneously exchange your business card with one belonging to another party.

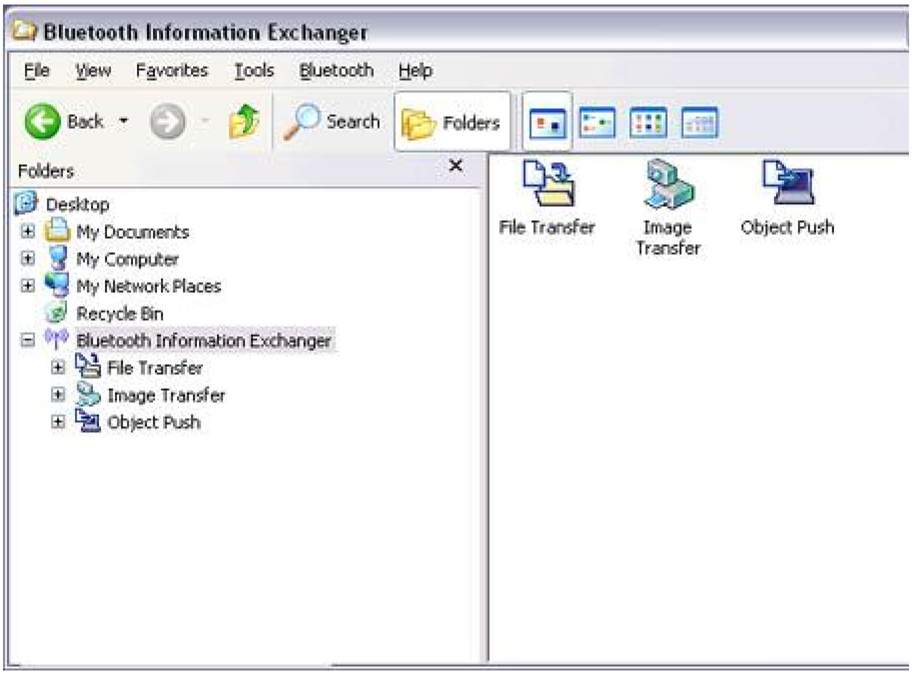
1. **Turn on the PC or PDA**
   Confirm that a Bluetooth connection has been enabled before proceeding.

2. **Double-click on the Bluetooth Information Exchanger icon on the Desktop**



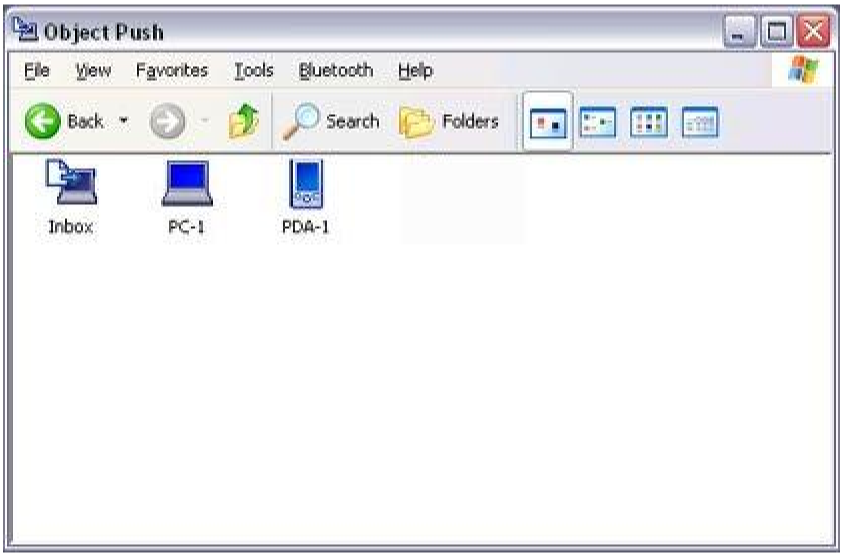
Note

- Alternatively, opening Explorer and clicking on the Bluetooth Information Exchanger folder will produce the same result.



The [Bluetooth Information Exchanger] window will appear.

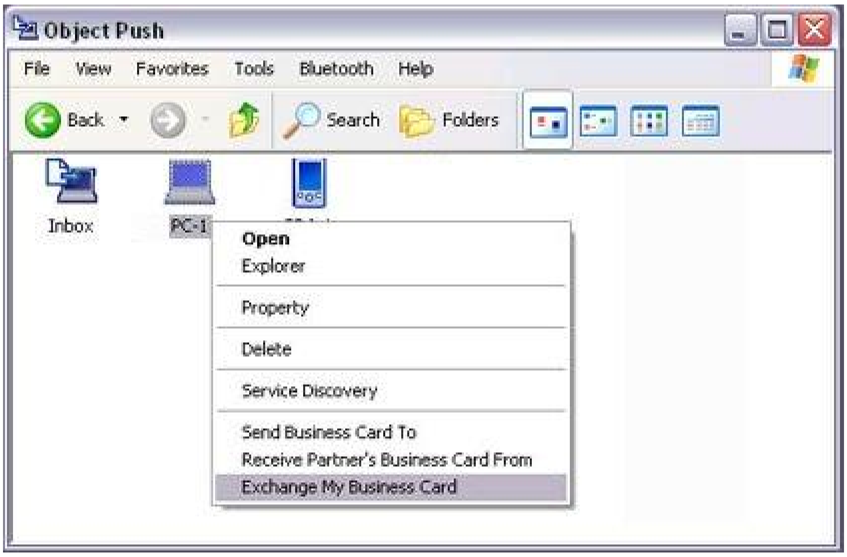
3. **Double-click on the [Object Push] icon**
   A list of devices will appear in the [Object Push] window.



Note

- If the desired device does not appear in the list, please confirm that the device has been turned on, and then select [Bluetooth]->[Search Devices].
  A device search will be performed.

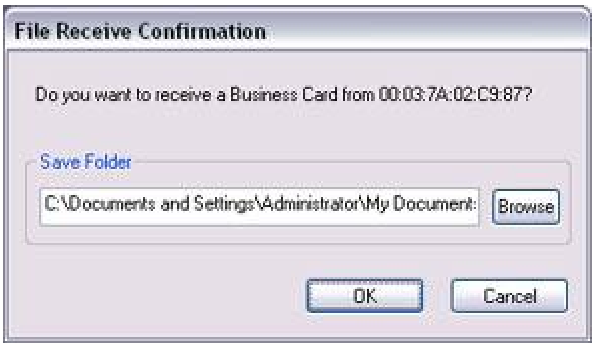
4. **Right-click on the icon of the party with whom you wish to exchange business cards, and then click on [Object Push]**
   In this case, the business cards will be exchanged with a PC named "PC-1".



The business card from the party who executed the "Exchange business cards" command will be sent first.

Note

- When you try to send a business card, a message requesting permission to receive the files may appear on the device belonging to the other party (i.e., on the receiving end). The content of the message will vary with the Bluetooth software installed on the destination device, so please be sure to follow the instructions provided.
  If you are using the Bluetooth Utility, a message similar to the one below will appear.



Do you want to receive a Business Card from 00:03:7A:02:C9:87?

C:\Documents and Settings\Administrator\My Document:

A message of confirmation will appear if the card has been successfully sent.

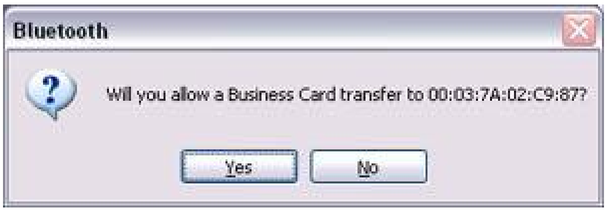
Note

- Business cards that have been sent will be saved in the Inbox of the destination party.

Once your business card has finished being sent, the program will start receiving the business card belonging to the other party.

Note

- When a business card is to be received, a message such as the one below may appear on the device belonging to the other party.
  Please click on the [Yes] button if you give permission for the business card to be sent.



Will you allow a Business Card transfer to 00:03:7A:02:C9:87?

A message of confirmation will appear if the card has been successfully received.

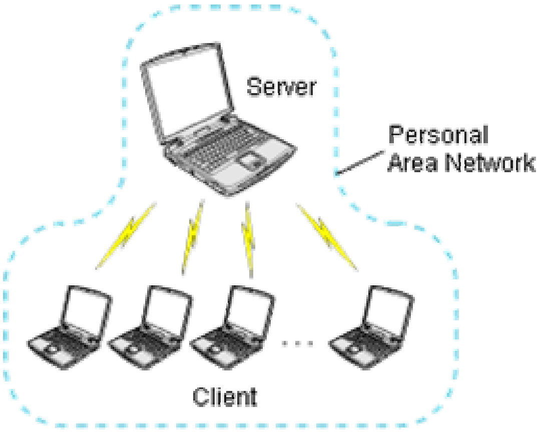
Note

- Business cards that have been received will be saved in the "Inbox" under "Object Push".
  You can use Properties under the Bluetooth

Information Exchanger to set the location of the Inbox on the hard drive.

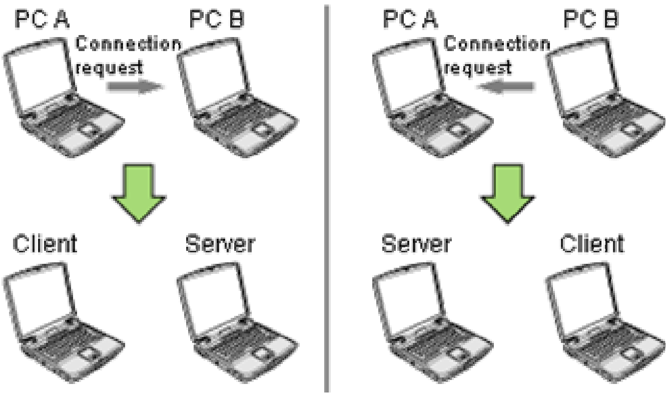
Building a personal area network [PAN]

You can use the PAN profile to build a network of Bluetooth-enabled devices.



Operating as a server
Operating as a client

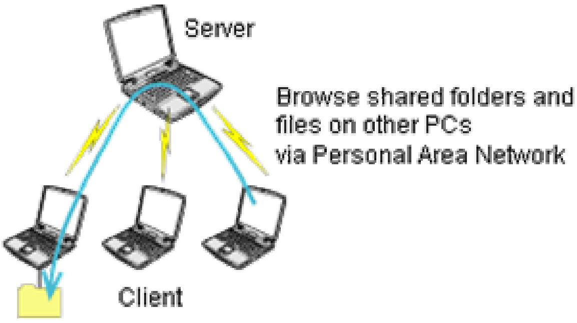
A personal area network comprises a client-server architecture. The device to which other devices connect is called the "server", and a device that connects to the server is called a "client."
The client-server relationship is not necessarily a fixed one. The first of two devices to establish a connection can be the server when one other device is present, and can be the client in other instances.

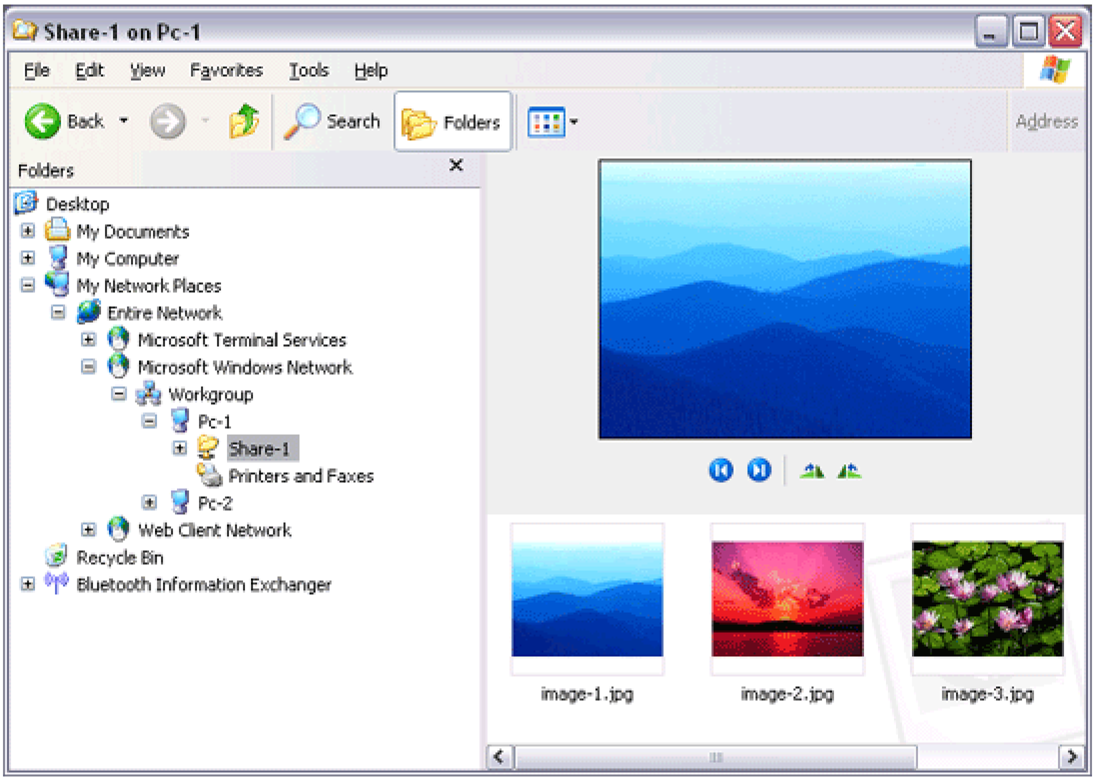


Note

- The maximum total number of devices that can be used to constitute a single personal area network is seven: one server and six clients. A network comprising as many as seven devices could theoretically be built, but an operating environment that involves the use of other Bluetooth devices, leaving aside other complications, might require the network to comprise fewer components..

By using the PAN profile, you will be able to build a network that uses the same TCP/IP protocol used in regular LANs. Accordingly, the machine designated as the server can be used for configuration tasks that utilize DHCP, such as assigning IP addresses to clients.
In addition, you will be able to configure folder and file sharing, which will allow data to be browsed by other servers or clients on the network.


Server
Browse shared folders and files on other PCs via Personal Area Network
Client

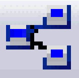


Important

- Please refer to Windows Help for further information on TCP/IP, DHCP and configurations for sharing.

Operating as a server

The following icon will appear in the tasktray when the PAN server function has been activated.



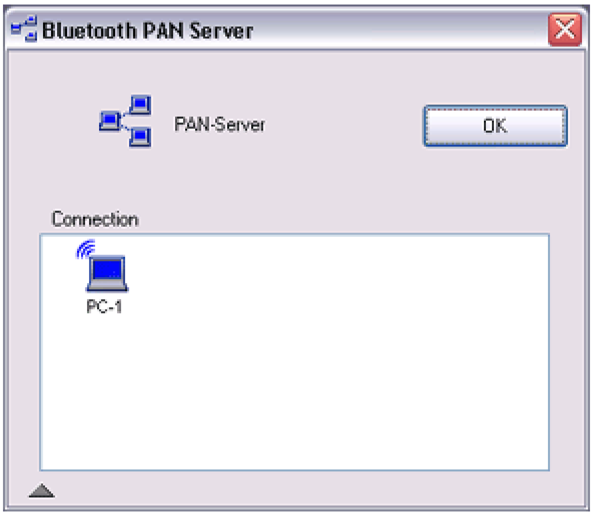
Should the icon not appear, please follow the procedure below to activate the PAN server function.

1. **Right-click the Bluetooth icon in the task tray and make sure the Option [Use PAN Group Ad-hoc Network] is enabled.**
   A message will appear asking you to confirm whether you wish to activate the PAN group ad-hoc network.
2. **Click the [Yes] button**
   The PAN server will be activated, and an icon will accordingly appear in the tasktray. Other devices that use the PAN profile will now be able to connect over the network.

Important

- When using the device as the server, make sure that all user accounts have a password set for the security reasons.

By clicking on the icon, the [Bluetooth PAN Server] window will appear.
In the graphic below, one client has established a connection.



Note

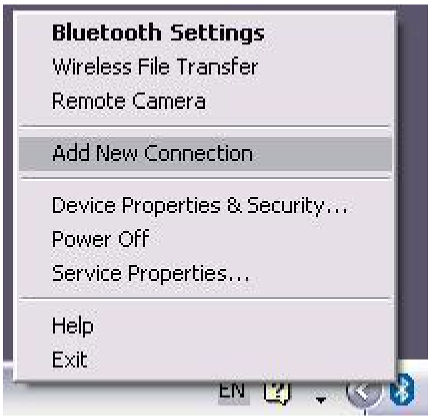
- When you try to connect to another server as a client, the task tray icon will disappear, and your machine will not be able to function as a server in response to connection requests originating from other devices.

Operating as a client

Connecting to a server as a client is performed from the [Bluetooth Settings] window, as described below.

Procedure

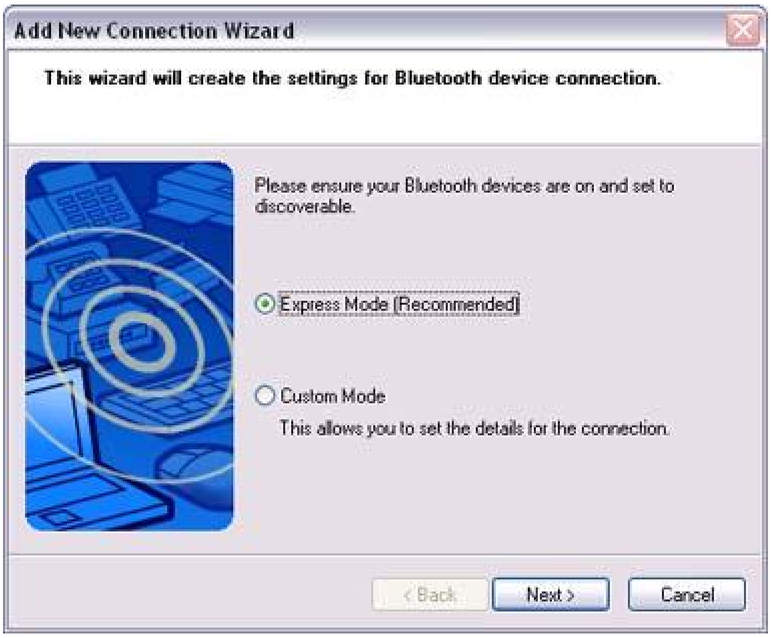
1. **Right-click on the Bluetooth icon in the task tray, and click on [Add New Connection]**



Note

- Alternatively, click on [Start]->[All Programs]->[Bluetooth]->[Bluetooth Settings], and then on [New Connection] from the [Bluetooth Settings] window.

2. **Confirm that [Express Mode] has been selected, and then click on the [Next] button**



Add New Connection Wizard

This wizard will create the settings for Bluetooth device connection.

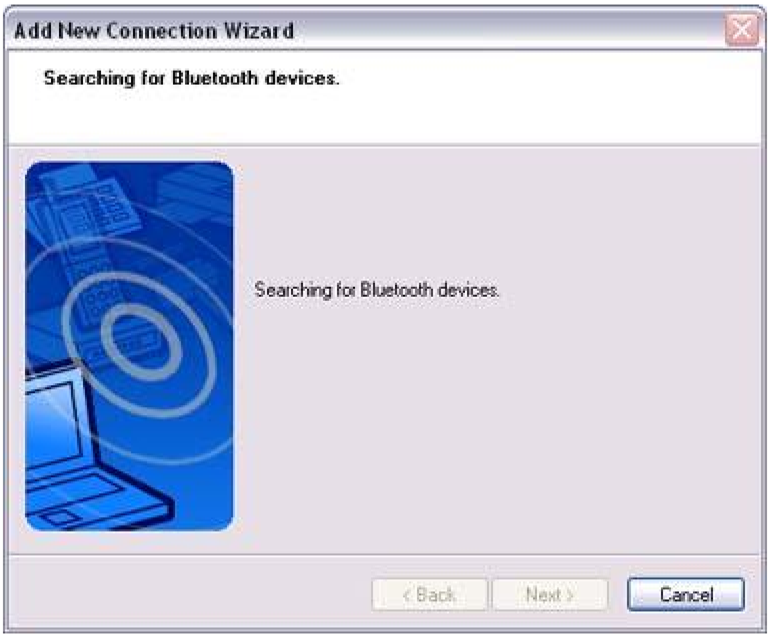
Please ensure your Bluetooth devices are on and set to discoverable.

● Express Mode (Recommended)

○ Custom Mode

This allows you to set the details for the connection.

3. **Click on the [Next] button in the advisory dialog box**
   The [Add New Connection Wizard (Searching for Bluetooth devices)] window will appear.

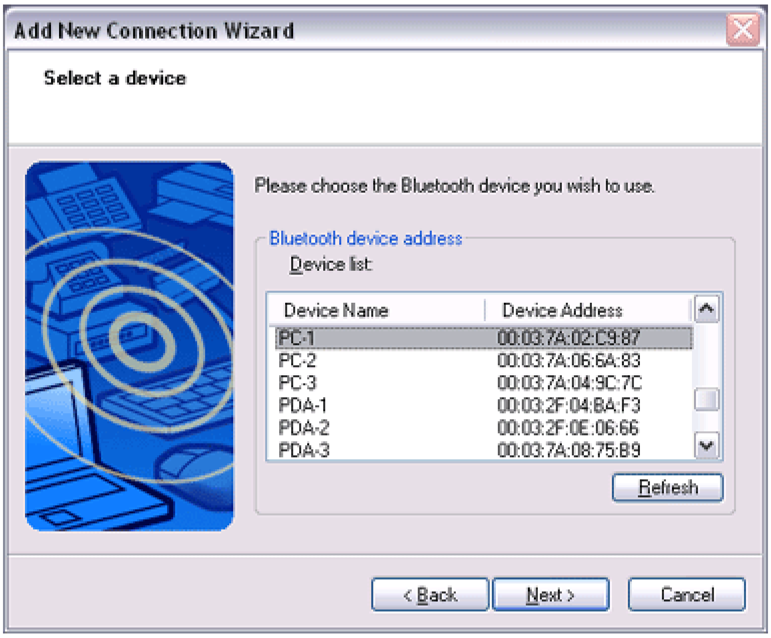


Searching for Bluetooth devices.

Searching for Bluetooth devices.

Once the program has finished searching for the devices, the [Add New Connection Wizard (Device Selection)] window will appear.

4. **Select the name of the device designated as the server from [Device List], and then click on the [Next] button**



Select a device

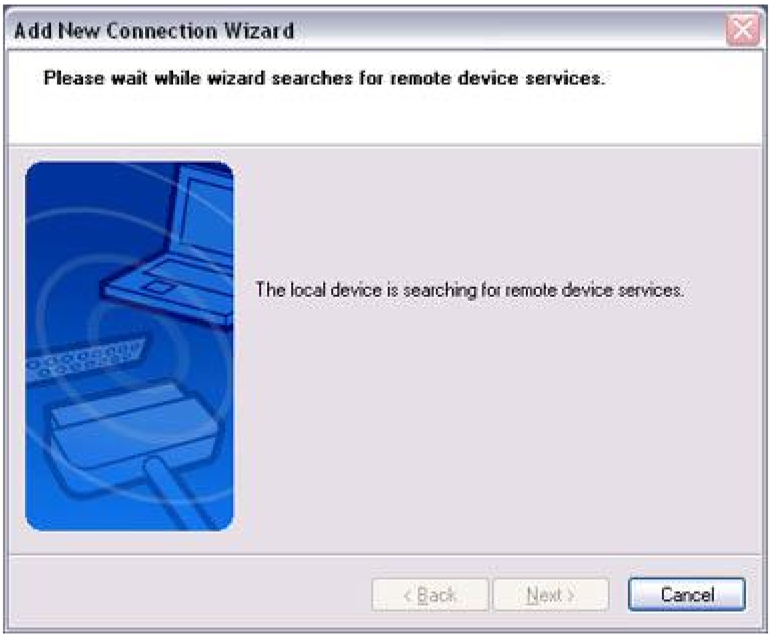
Please choose the Bluetooth device you wish to use.

Bluetooth device address

Device list:

Device Name	Device Address
PC-1	00:03:7A:02:C9:87
PC-2	00:03:7A:06:6A:83
PC-3	00:03:7A:04:9C:7C
PDA-1	00:03:2F:04:BA:F3
PDA-2	00:03:2F:0E:06:66
PDA-3	00:03:7A:08:75:B9

The [Add New Connection Wizard (Searching for Services)] window will appear.

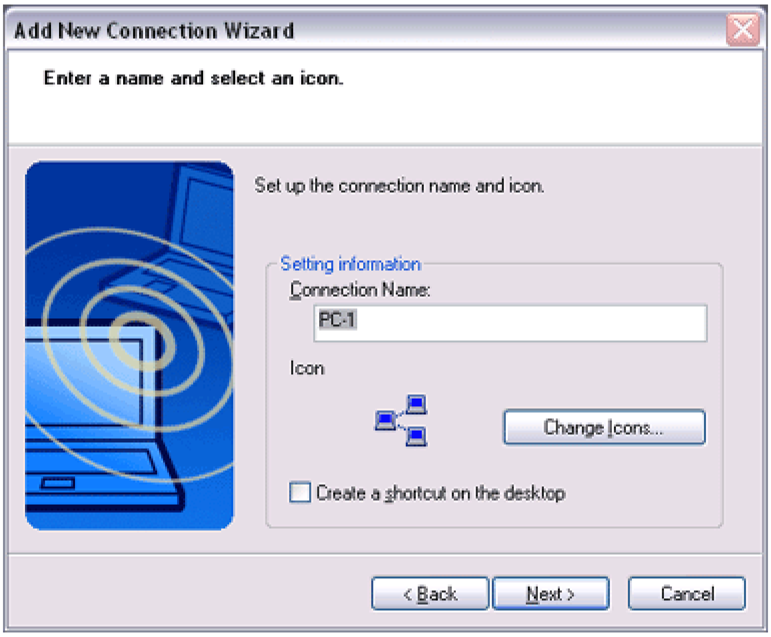


Please wait while wizard searches for remote device services.

The local device is searching for remote device services.

The [Add New Connection Wizard (Confirm Connection Name)] window will appear.

5. **Click on the [Next] button**



Enter a name and select an icon.

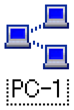
Set up the connection name and icon.

Connection Name: PC-1

Icon

☐ Create a shortcut on the desktop

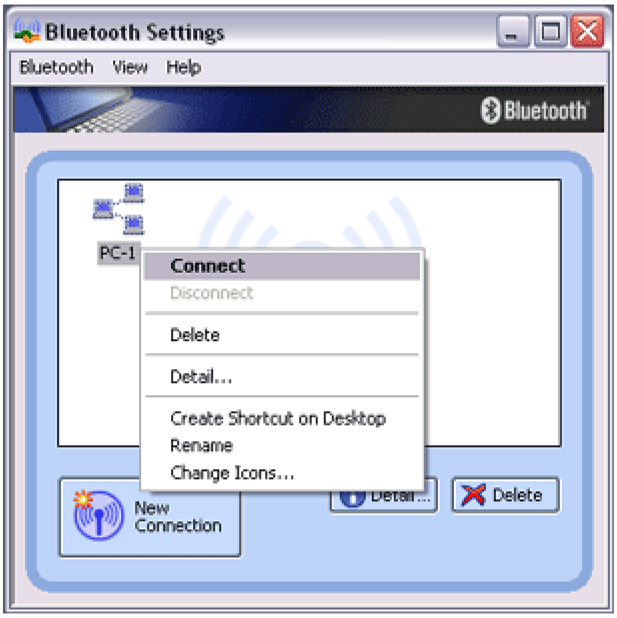
The registered icon will appear in the [Bluetooth Settings] window.



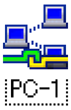
Connecting to a server

Procedure

1. **Right-click on the icon in the [Bluetooth Settings] window, and then click on [Connect]**



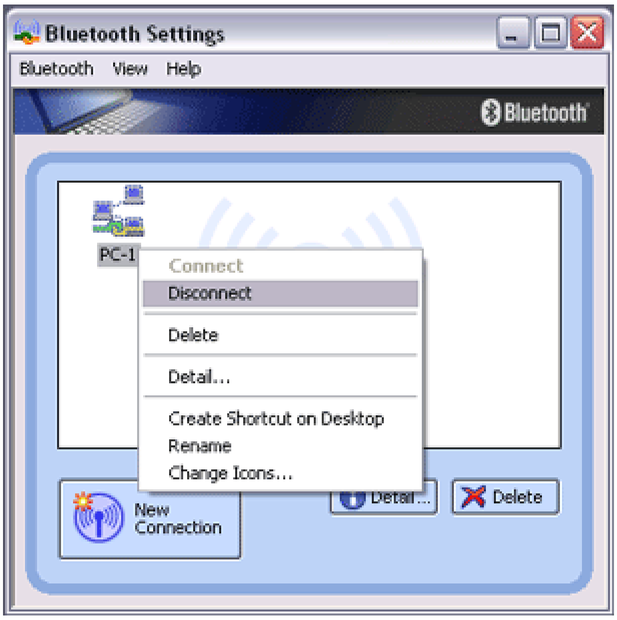
Once you have connected, the icon will change to indicate that the device is connected.



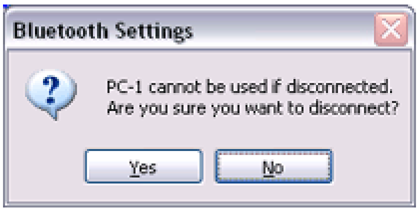
Ending a connection to a server

Procedure

1. **Right-click on the icon in the [Bluetooth Settings] window, and then click on [Disconnect]**

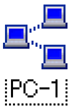


A message confirming whether you wish to disconnect will appear.
Click on the [Yes] button.



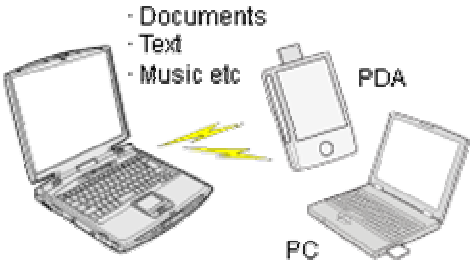
PC-1 cannot be used if disconnected.
Are you sure you want to disconnect?

Once you have disconnected, the icon will change to indicate that the device is not connected.



Exchanging files with a PC or PDA [FTP]

You can send and receive files other than business card data with a Bluetooth-enabled PC or PDA.
Use "File transfer" in the Bluetooth Information Exchanger to exchange files.



Note

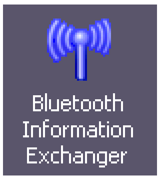
- The same operations will be valid as long as the PC and PDA support the FTP profile.
- "File transfer" cannot be used to send or receive business card data. Please instead use "Object Push" to perform these activities.

Sending files to a PC or PDA (using icons)
Sending files to a PC or PDA (by right-clicking the mouse)
Receiving files from a PC or PDA

Procedure

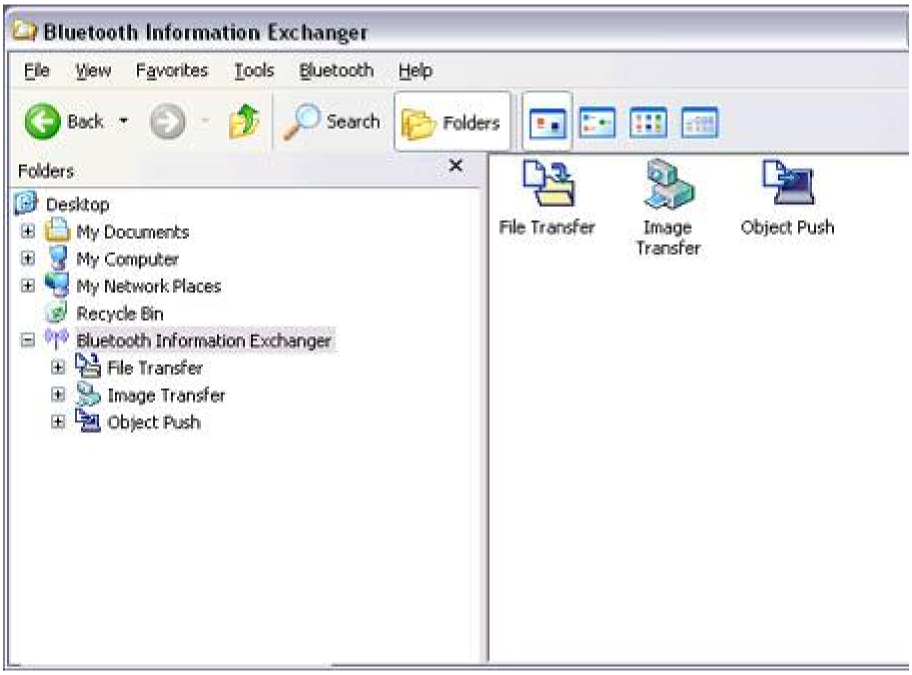
Sending files to a PC or PDA (using icons)

1. **Turn on the PC or PDA**
2. **Double-click on the Bluetooth Information Exchanger icon on the Desktop**



Note

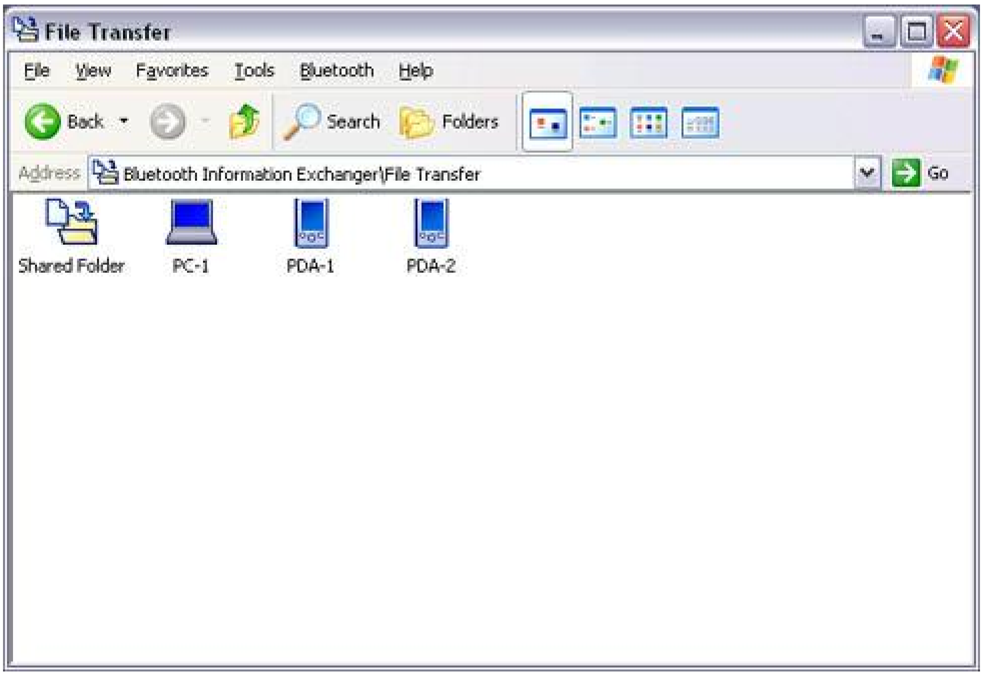
   - Alternatively, opening Explorer and clicking on the Bluetooth Information Exchanger folder will produce the same result.



The [Bluetooth Information Exchanger] window will appear.

3. **Double-click on the [File transfer] icon**

A list of devices will appear in the [File transfer] window.


File Transfer
File View Favorites Tools Bluetooth Help
Back
Search
Folders
Address
Bluetooth Information Exchanger\File Transfer
Go
Shared Folder
PC-1
PDA-1
PDA-2

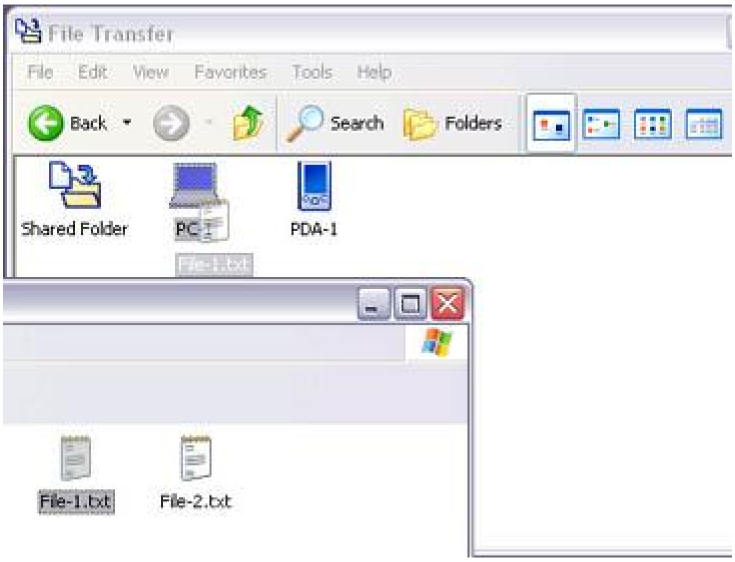
Note

- If the desired device does not appear in the list, please confirm that the device has been turned on, and then

select [Bluetooth]->[Search Devices].
A device search will be performed.

- You can also use "Image transfer" when sending individual image files.

4. **Use the mouse to drag and drop the file you wish to send over the destination icon**
   In this case, the file will be sent to a PC named "PC-1".



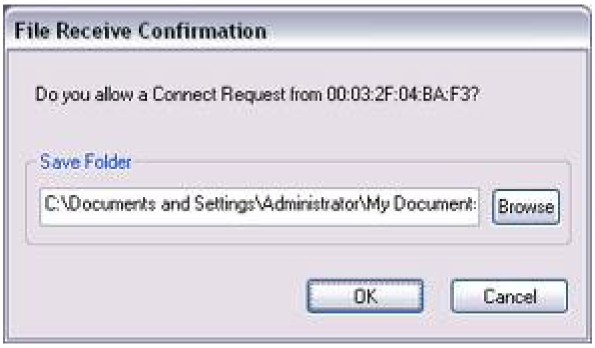
Note

- When using "File transfer", you can send individual files as well as entire folders.

5. **Confirm that the file is being sent**
   The file will be sent to the PC.

Note

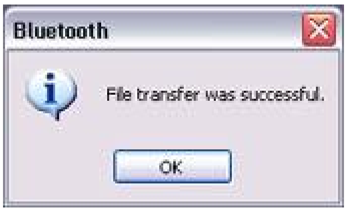
- When sending files using "File transfer", a message requesting permission to receive the files may appear on the destination (receiving) device. The content of the message will vary with the Bluetooth software installed on the destination device, so please be sure to follow the instructions provided.
  If you are using the Bluetooth Utility, a message similar to the one below will appear.



Do you allow a Connect Request from 00:03:2F:04:BA:F3?

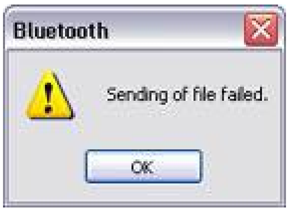
C:\Documents and Settings\Administrator\My Document:

If the file has been sent successfully, the message below will appear. Please click on the [OK] button.



File transfer was successful.

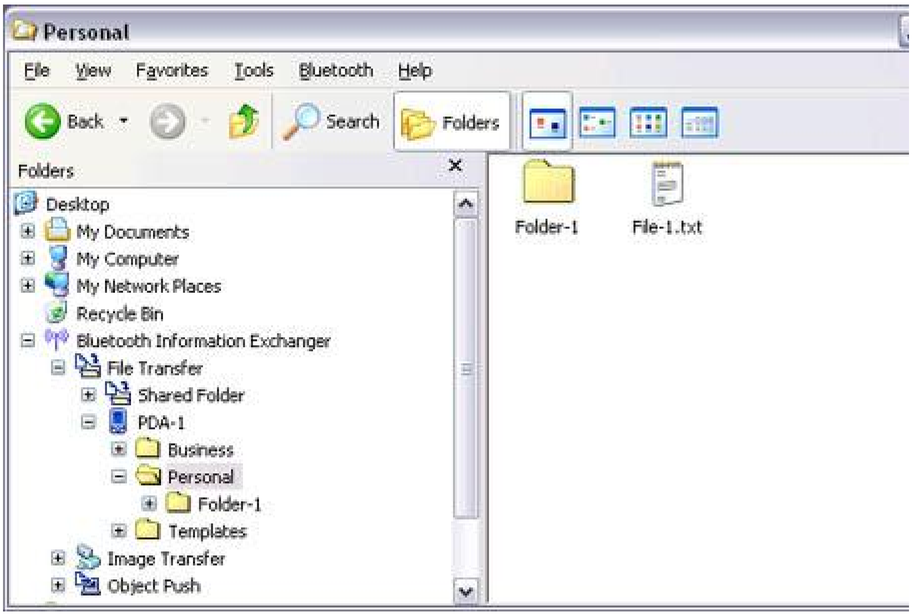
The message below will appear if the file transmission was unsuccessful. Please click on the [OK] button to close the message, and repeat the procedure.



Sending of file failed.

Note

- Files that have been sent will be saved in a file transfer shared folder on the destination device.
- Additionally, with "File transfer", you can open the shared folder on the destination device using Explorer, specify a subfolder, and then send the file there.

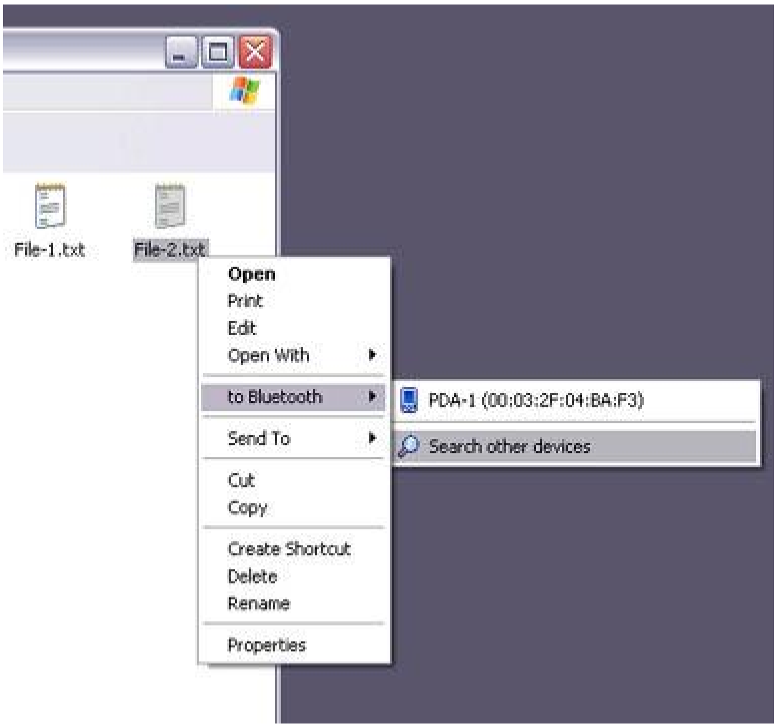


- You can use Properties in the Bluetooth Information Exchanger to change the location of the "Shared folder" on the hard drive.

Sending files to a PC or PDA (by right-clicking the mouse)

1. **Turn on the PC or PDA**
   Confirm that a Bluetooth connection has been enabled before proceeding.

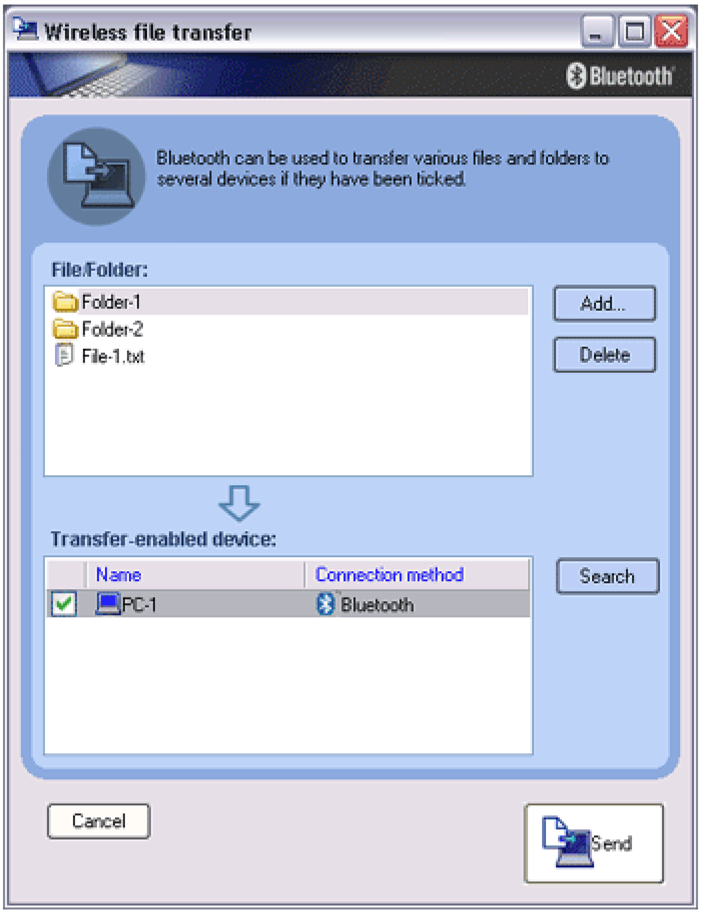
2. **Right-click on the file you wish to send, and then select its destination from [to Bluetooth]**



Note

- If the desired device does not appear in the list, please confirm that the device has been turned on, and then select [to Bluetooth]->[Search other devices].

  Once the devices have been detected, the message below will appear. Please select the destination device, and then click on the [Send] button.



Bluetooth can be used to transfer various files and folders to several devices if they have been ticked.

File/Folder:

Folder-1
Folder-2
File-1.txt

Transfer-enabled device:

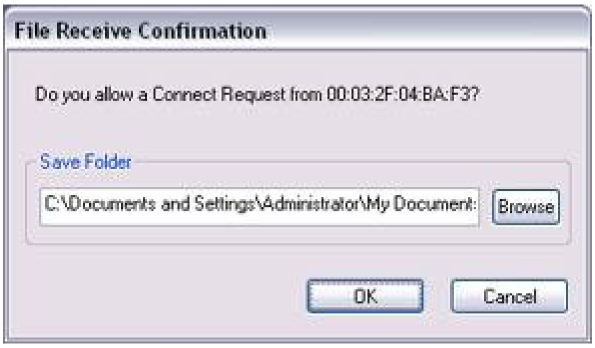
	Name	Connection method
☑	PC-1	Bluetooth

3. **Confirm that the file is being sent**

   The file will be sent to the PC.

Note

- When sending files using "File transfer", a message requesting permission to receive the files may appear on the destination (receiving) device. The content of the message will vary with the Bluetooth software installed on the destination device, so please be sure to follow the instructions provided.
  If you are using the Bluetooth Utility, a message similar to the one below will appear.

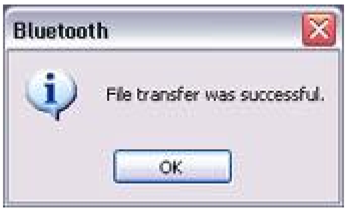

File Receive Confirmation

Do you allow a Connect Request from 00:03:2F:04:BA:F3?

Save Folder

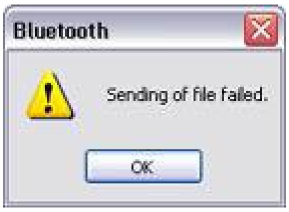
C:\Documents and Settings\Administrator\My Document:

If the file has been sent successfully, the message below will appear. Please click on the [OK] button.


Bluetooth

File transfer was successful.

The message below will appear if the file transmission was unsuccessful. Please click on the [OK] button to close the message, and then repeat the procedure.


Bluetooth

Sending of file failed.

Note

- Files that have been sent will be saved in a file transfer shared folder on the destination device.

Receiving files from a PC or PDA

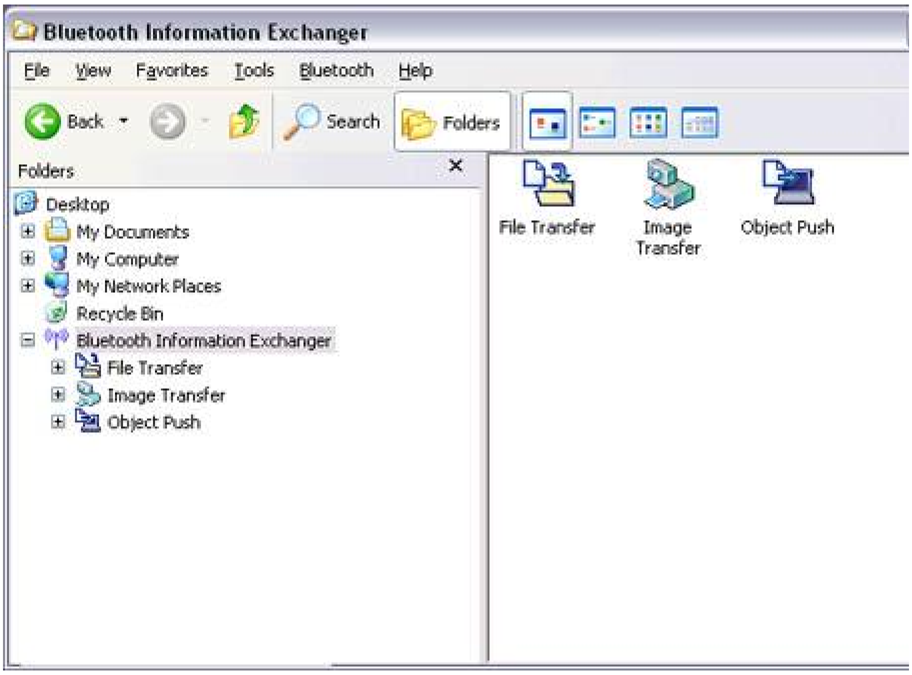
Your PC is able to receive files that have been saved in the shared folder on the destination PC or PDA. Received files will be saved in the shared folder under "File transfer".

1. **Turn on the PC or PDA**
   Confirm that a Bluetooth connection has been enabled before proceeding.

2. **Double-click on the Bluetooth Information Exchanger icon on the Desktop**

Note

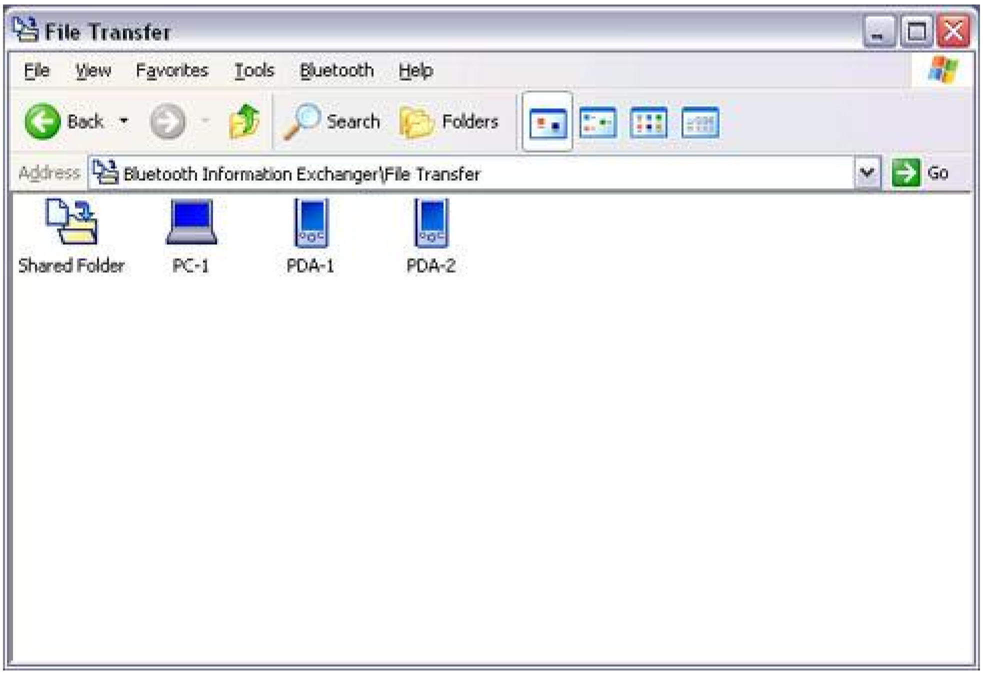
- Alternatively, opening Explorer and clicking on the Bluetooth Information Exchanger folder will produce the same result.



The [Bluetooth Information Exchanger] window will appear.

3. **Double-click on the [File transfer] icon**

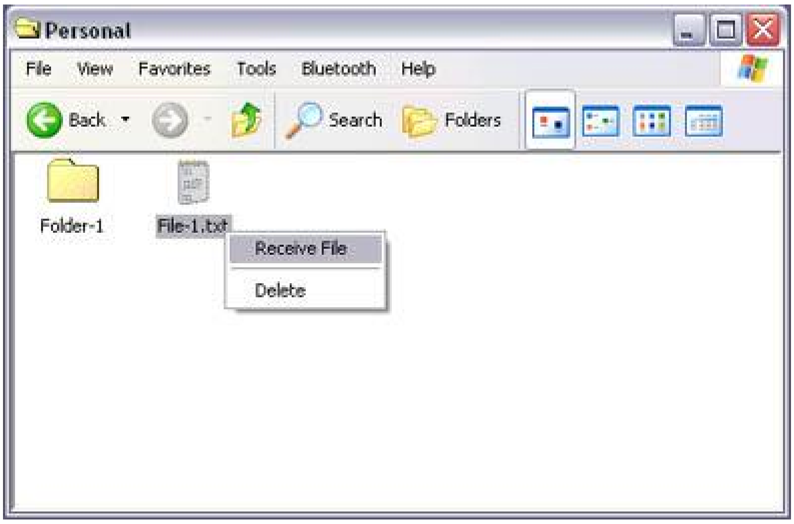
A list of devices will appear in the [File transfer] window.



In this case, the file will be received from the PDA named "My Mobile".

4. **Double-click on the [PDA-1] icon**
   The file saved in the shared folder in "My Mobile" will appear.

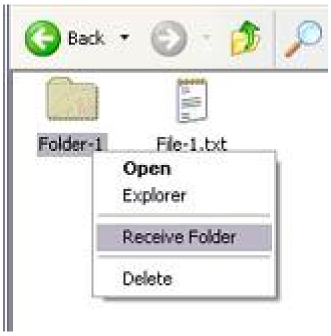
5. **Right-click on the file you wish to receive, and then select "Receive file".**



The file will be received from a PDA.

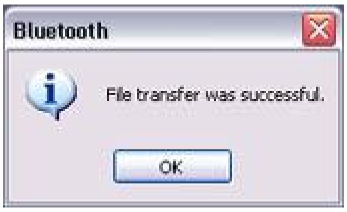
Note

- With "File transfer", you can send individual files as well as entire folders.
  Please right-click on the folder you wish to receive, and select "Receive folder".



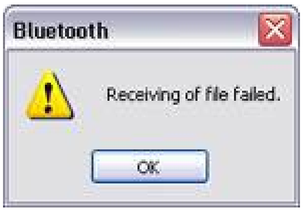
Subsequent operations should be performed in the same manner as when receiving individual files.

If the file has been received successfully, the message below will appear. Please click on the [OK] button.



File transfer was successful.

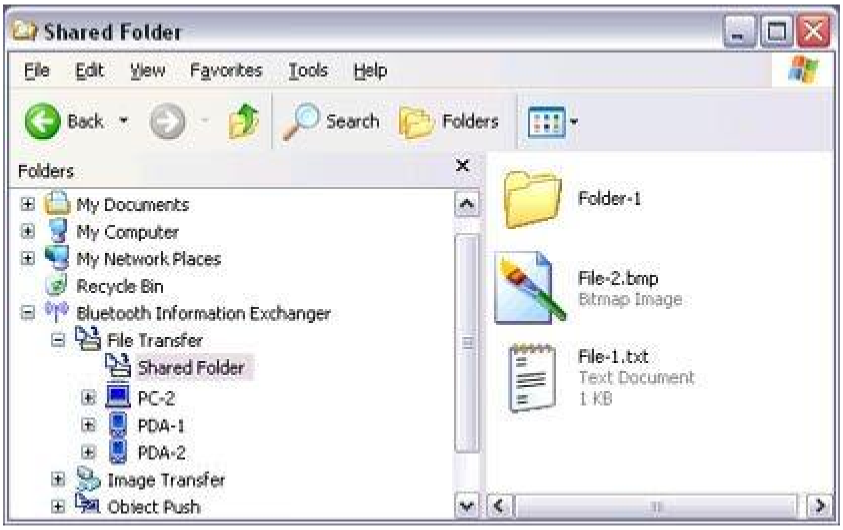
The message below will appear if the file transmission was unsuccessful. Please click on the [OK] button to close the message, and repeat the procedure.



Receiving of file failed.

Note

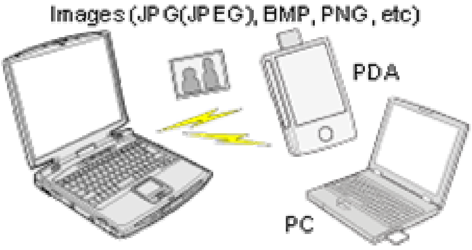
- The received file will be saved in the "Shared folder" under "File transfer" in the Bluetooth Information Exchanger



You can use [Properties]() under the Bluetooth Information Exchanger to specify the location of the "Shared folder" on the hard drive.

Sending images to a PC or PDA [[BIP]]()

You can send image data to a Bluetooth-enabled PC or PDA.
Images are sent using "Image transfer" under Bluetooth Information Exchanger.



Note

- The following image file formats can be sent and received using "Image transfer":
    - Bitmap (*.bmp)
    - JPEG (*.jpg, *.jpeg)
    - PNG (*.png)

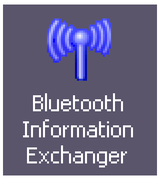
[Sending images to a PC or PDA (using icons)]()
[Sending images to a PC or PDA (by right-clicking the mouse)]()

Procedure

¦Sending images to a PC or PDA (using icons)

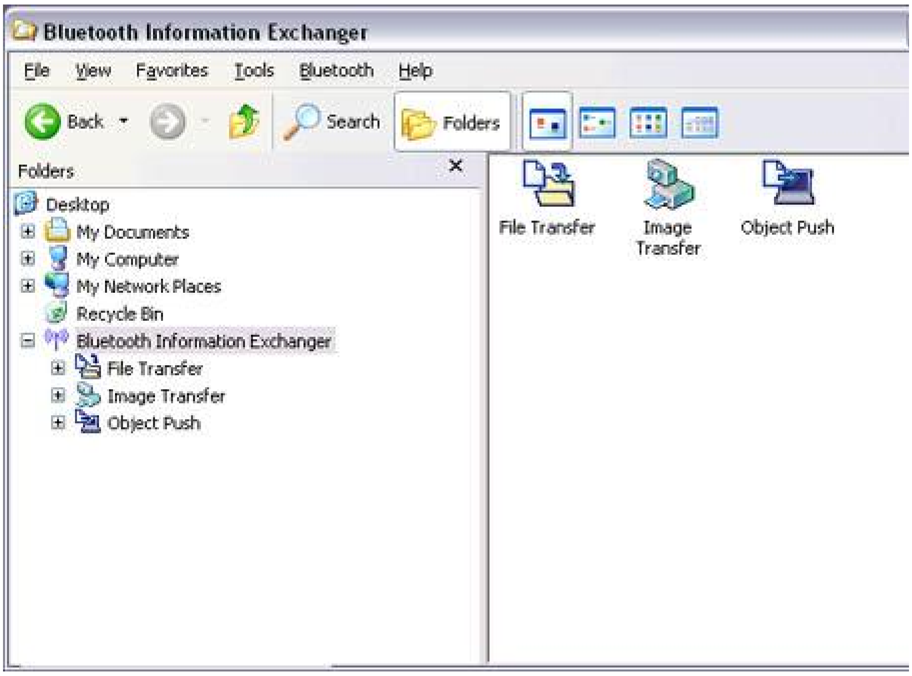
1. **Turn on the PC or PDA**
   Confirm that a Bluetooth connection has been enabled before proceeding.

2. **Double-click on the Bluetooth Information Exchanger icon on the Desktop**



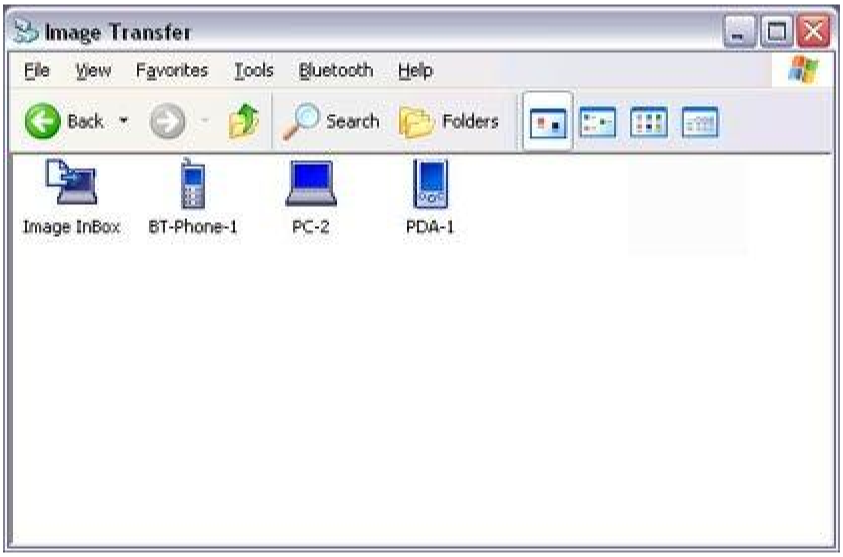
Note

- o Alternatively, opening Explorer and clicking on the Bluetooth Information Exchanger folder will produce the same result.



The [Bluetooth Information Exchanger] window will appear.

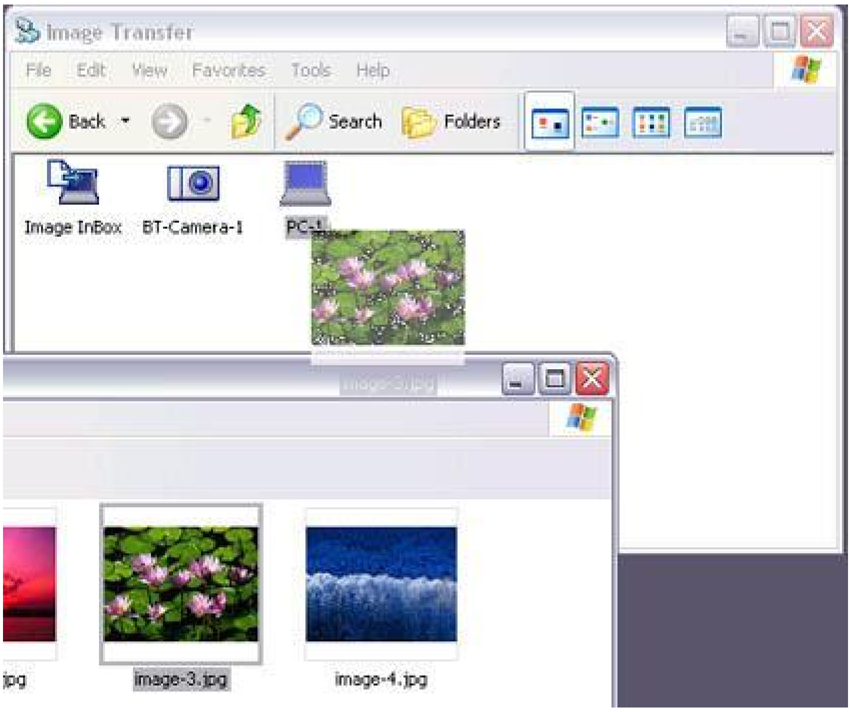
3. **Double-click on the [Image transfer] icon**
   A list of devices will appear in the [Image transfer] window.



Note

- If the desired device does not appear in the list, please confirm that the device has been turned on, and then select [Bluetooth]->[Search Devices].
  A device search will be performed.

4. **Drag and drop the file you wish to send over the destination icon**
   In this case, the image will be sent to a PC named "PC-1".



The image will be sent.
If the image has been sent successfully, the message below will appear.
Please click on the [OK] button.

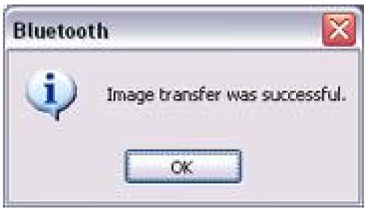
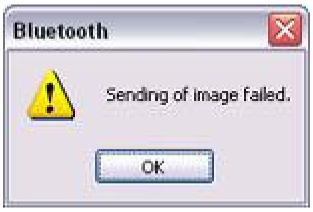


Image transfer was successful.

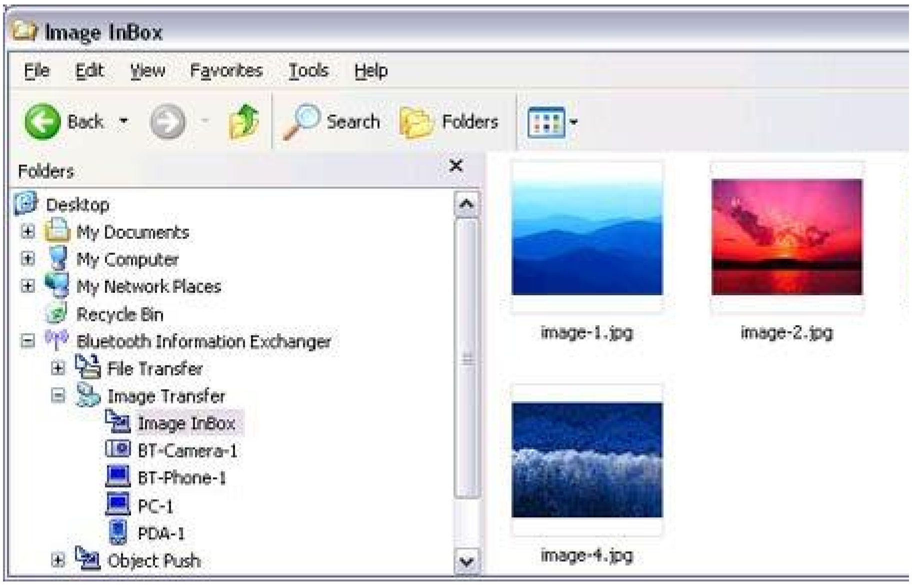
The message below will appear if the image transmission was unsuccessful. Please click on the [OK] button to close the message, and repeat the procedure.



Sending of image failed.

Note

- Images that have been sent will be saved in an image transfer folder on the destination device.
- Images received using "Image transfer" in the Bluetooth Information Exchanger will be saved in the "Image Box" in "Image transfer".

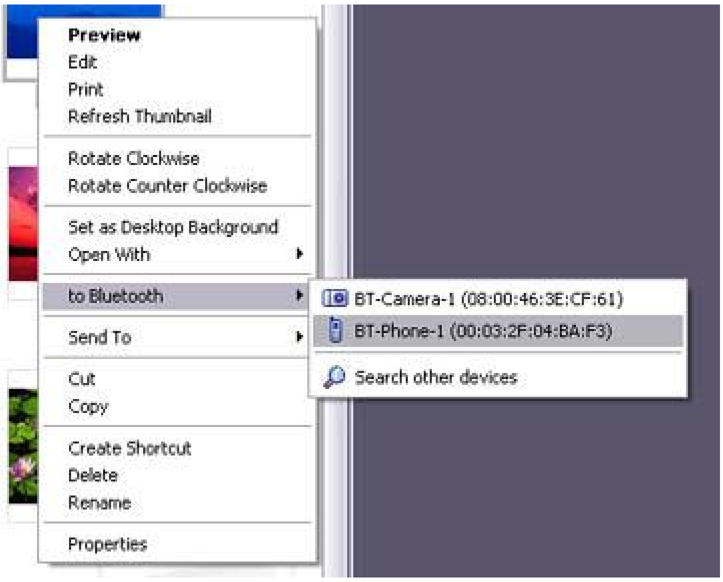


- You can use Properties under the Bluetooth Information Exchanger to change the location of the "Image Box" folder on the hard drive.

Sending images to a PC or PDA (by right-clicking the mouse)

1. **Turn on the PC or PDA**
   Confirm that a Bluetooth connection has been enabled before proceeding

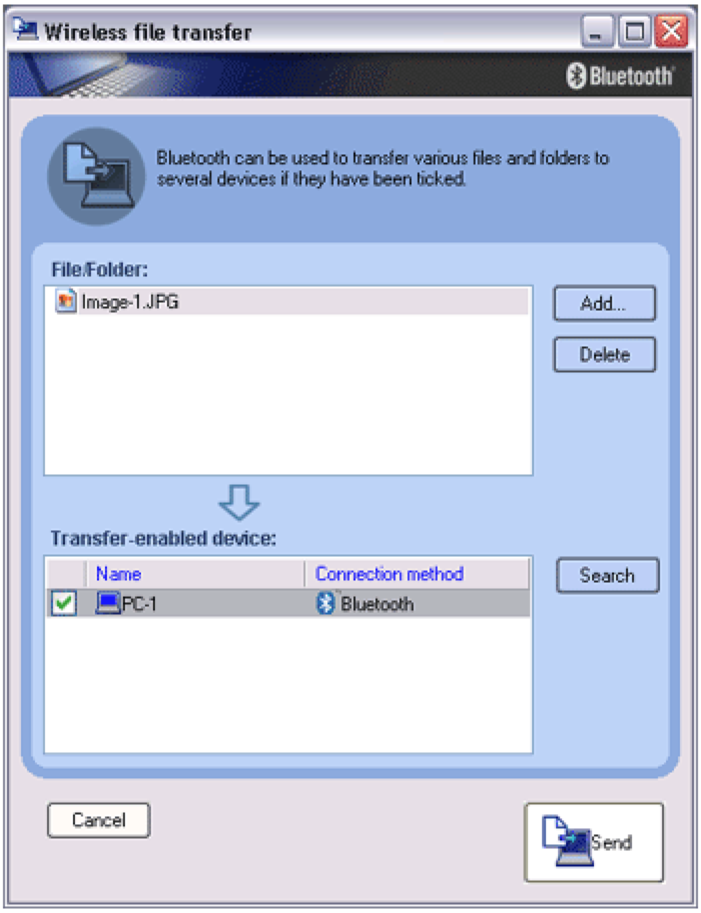
2. **Right-click on the file you wish to send, and then click on its destination from [to Bluetooth]**



Note

- If the desired device does not appear in the list, please confirm that the device has been turned on, and then select [to Bluetooth]->[Search other devices].

  Once the devices have been detected, the message below will appear. Please select the destination device, and then click on the [Send] button.



Bluetooth can be used to transfer various files and folders to several devices if they have been ticked.

File/Folder:

Image-1.JPG

Transfer-enabled device:

	Name	Connection method
☑	PC-1	Bluetooth

The image will be sent.
If the image has been sent successfully, the message below will appear.
Please click on the [OK] button.

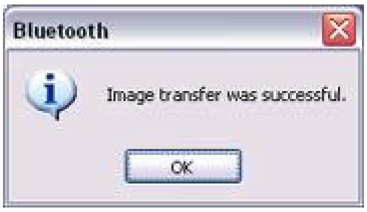
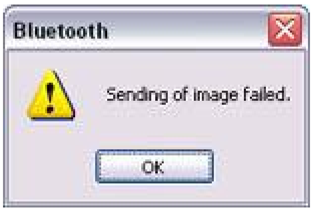


Image transfer was successful.

The message below will appear if the image transmission was unsuccessful.
Please click on the [OK] button to close the message, and repeat the procedure.



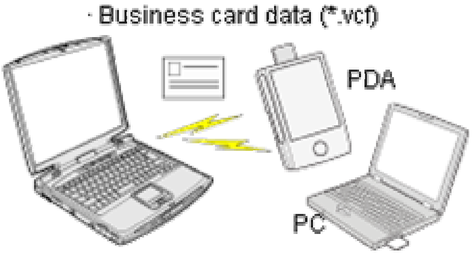
Sending of image failed.

Note

- When you send images by right-clicking the mouse, the image data that has been sent will be saved in the image transfer shared folder on the destination device. This is also the case when you send images using icons.

● Exchanging business card data with a PC or PDA [OPP]

You can exchange business card data with a Bluetooth-enabled PC or PDA. Business card data are exchanged using "Object Push" under Bluetooth Information Exchanger.



Note

- Data compliant with the "vCARD" standard are the only type of business card data able to be sent and received with "Object Push". Business card data can be used by applications such as Microsoft Outlook.
- Business card data can be created in vCARD format by Microsoft Outlook and other similar applications.
  "Creating business card data in the vCARD format"
- You can send business card data directly from Microsoft Outlook.
  "Sending business card data from Outlook"
- The OPP profile must be supported by the PC or PDA of the other party.

Selecting a business card and sending it to a PC or PDA (using icons)
Selecting a business card and sending it to a PC or PDA (by right-clicking the mouse)
Sending your personal business card
Receiving a business card from another party
Exchanging business cards

Procedure

¦Selecting a business card and sending it to a PC or PDA (using icons)

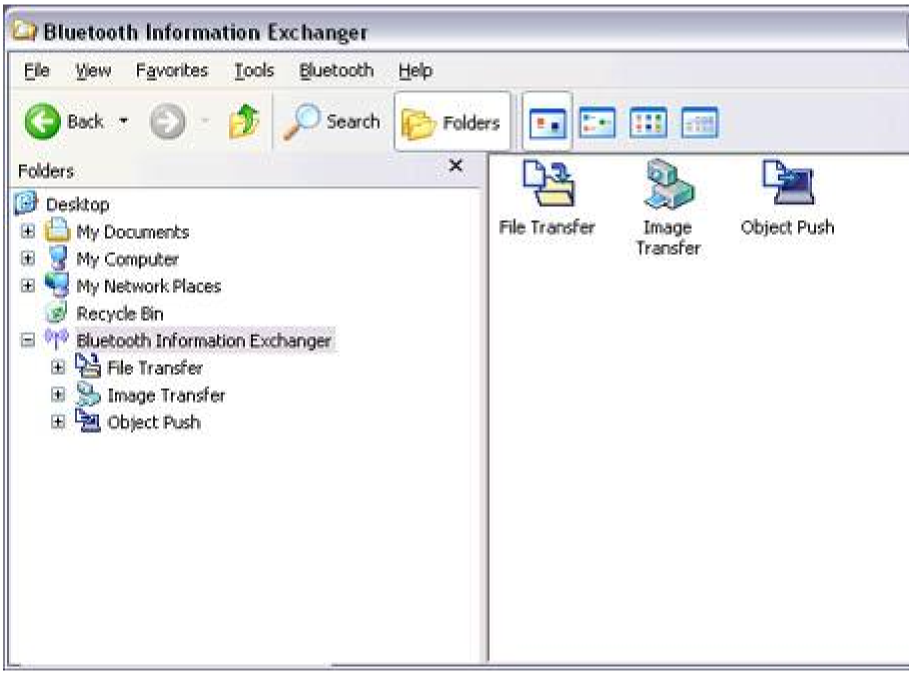
Select a business card you wish to send from among all the business card data you have already received through exchanges with your business or other contacts, and then send it to another party.

1. **Turn on the PC or PDA**
   Confirm that a Bluetooth connection has been enabled before proceeding.

2. **Double-click on the Bluetooth Information Exchanger icon on the Desktop**

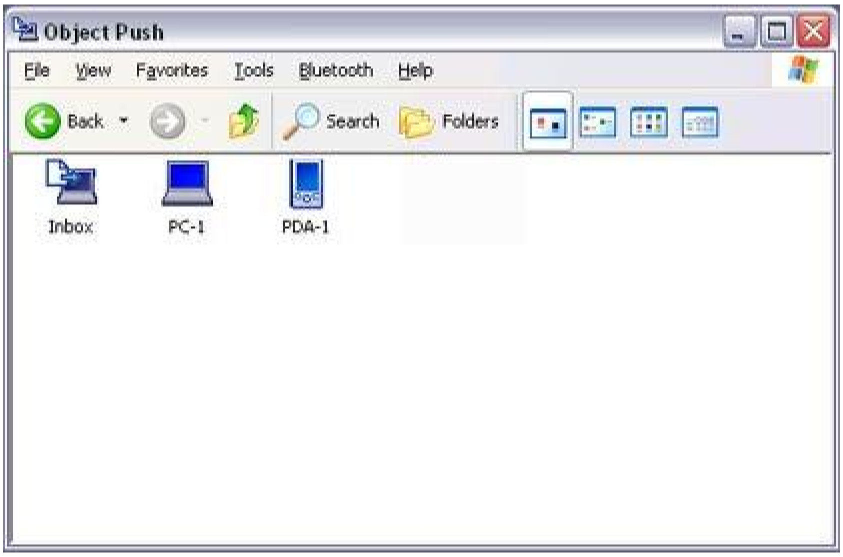
Note

   - Alternatively, opening Explorer and clicking on the Bluetooth Information Exchanger folder will produce the same result.



The [Bluetooth Information Exchanger] window will appear.

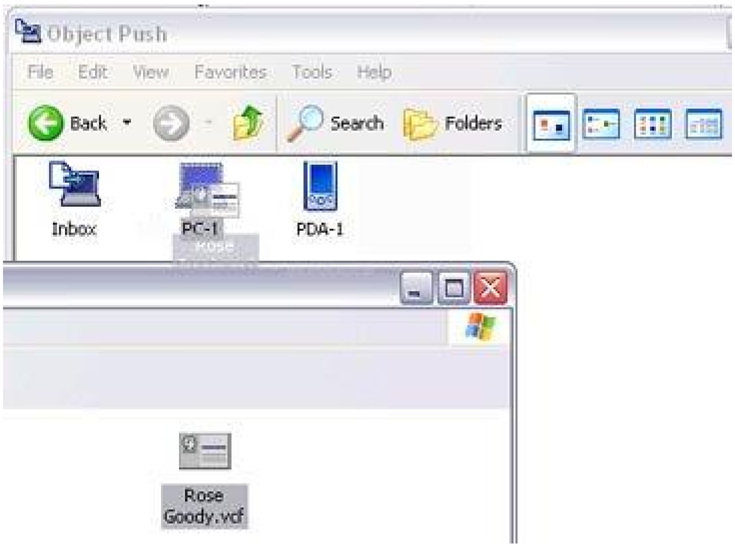
3. **Double-click on the [Object Push] icon**
   A list of devices will appear in the [Object Push] window.



Note

- If the desired device does not appear in the list, please confirm that the device has been turned on, and then select [Bluetooth]->[Search Devices].
  A device search will be performed.

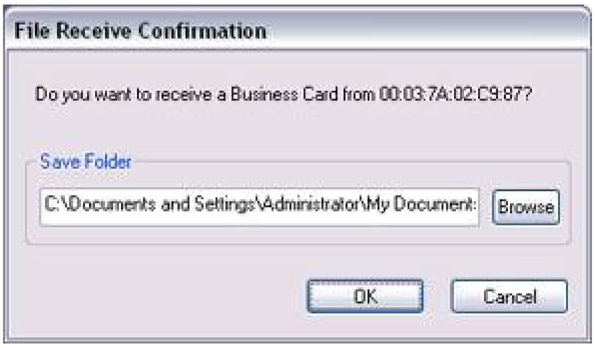
4. **Use the mouse to drag and drop the business card you wish to send over the destination icon**
   In this case, the business card will be sent to a PC named "PC-1".



The business card will be sent.

Note

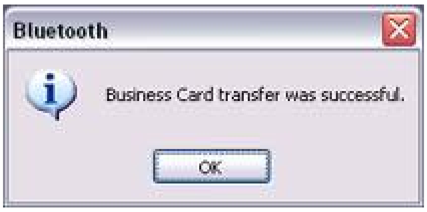
- When you try to send a business card, a message requesting permission to receive the card may appear on the device belonging to the other party (i.e., on the receiving end). The content of the message will vary with the Bluetooth software installed on the destination device, so please be sure to follow the instructions provided. If you are using the Bluetooth Utility, a message similar to the one below will appear.



Do you want to receive a Business Card from 00:03:7A:02:C9:87?

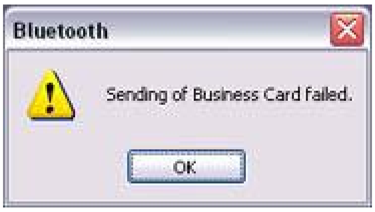
Save Folder: C:\Documents and Settings\Administrator\My Document:

If the business card has been sent successfully, the message below will appear.
Please click on the [OK] button.



Business Card transfer was successful.

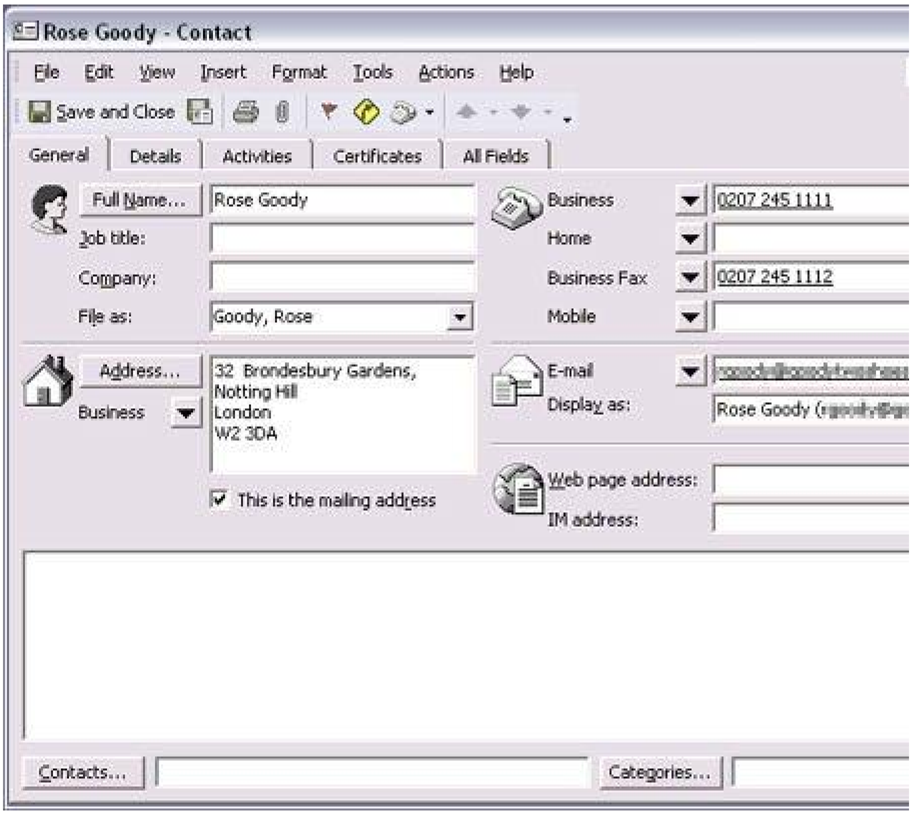
The message below will appear if the business card transmission was unsuccessful.
Please click on the [OK] button to close the message, and repeat the procedure.



Sending of Business Card failed.

Memo

- Data that have been sent will be saved in a folder for exchanged business cards on the destination device.
- You can configure an associated application (Microsoft Outlook etc) to start automatically when you have received a business card, allowing you to view the card details.



Full Name: Rose Goody

File as: Goody, Rose

Address (Business):
32 Brondesbury Gardens,
Notting Hill
London
W2 3DA

☑ This is the mailing address

Business: 0207 245 1111

Business Fax: 0207 245 1112

E-mail: [redacted]

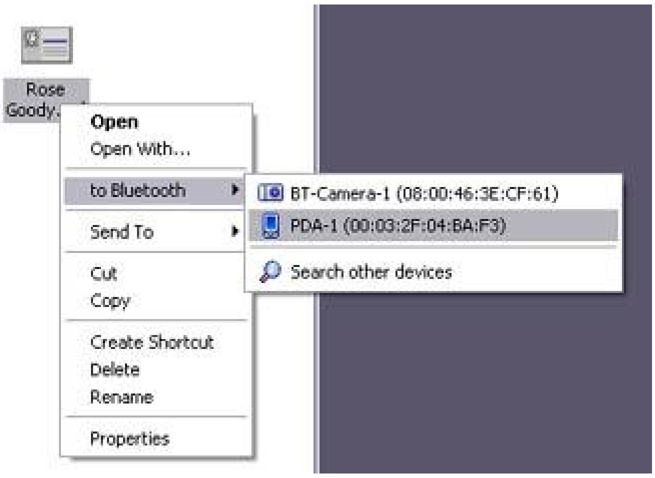
Display as: Rose Goody ([redacted]

You can use Properties under Bluetooth Information Exchanger to configure whether or not you would like such an application to start automatically.

Selecting a business card and sending it to a PC or PDA (by right-clicking the mouse)

1. **Turn on the PC or PDA**
   Confirm that a Bluetooth connection has been enabled before proceeding.

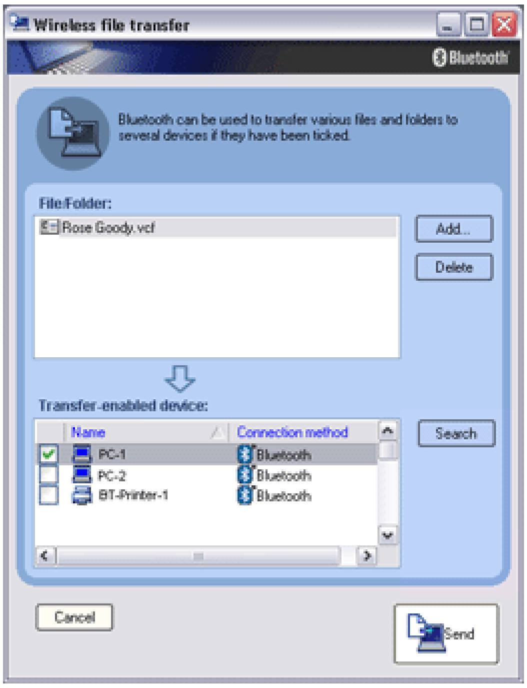
2. **Right-click on the business card you wish to send, and then click on its destination from [to Bluetooth]**



Note

- If the desired device does not appear in the list, please confirm that the device has been turned on, and then select [to Bluetooth]->[Search other devices].

  Once the devices have been detected, the message below will appear. Please select the destination device, and then click on the [Send] button.



Bluetooth can be used to transfer various files and folders to several devices if they have been ticked.

File/Folder: Rose Goody.vcf

Transfer-enabled device:

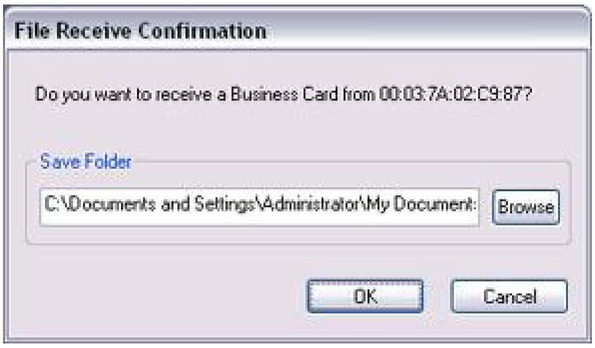
	Name	Connection method
☑	PC-1	Bluetooth
☐	PC-2	Bluetooth
☐	BT-Printer-1	Bluetooth

The business card will be sent.

Note

- When you try to send a business card, a message requesting permission to receive the files may appear on the device belonging to the other party (i.e., on the

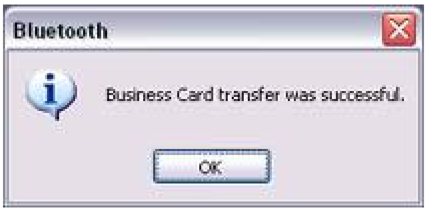
receiving end). The content of the message will vary with the Bluetooth software installed on the destination device, so please be sure to follow the instructions provided.
If you are using the Bluetooth Utility, a message similar to the one below will appear.


File Receive Confirmation

Do you want to receive a Business Card from 00:03:7A:02:C9:87?

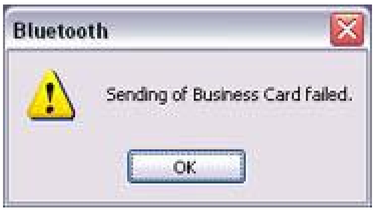
Save Folder: C:\Documents and Settings\Administrator\My Document:

If the business card has been sent successfully, the message below will appear.
Please click on the [OK] button.


Bluetooth

Business Card transfer was successful.

The message below will appear if the business card transmission was unsuccessful.
Please click on the [OK] button to close the message, and repeat the procedure.


Bluetooth

Sending of Business Card Failed.

Note

- Data that have been sent will be saved in a folder for exchanged business cards on the destination device.

¦Sending your personal business card

You can prepare a business card bearing your name and other details such as your company and telephone numbers, and then send it to another party.

Note

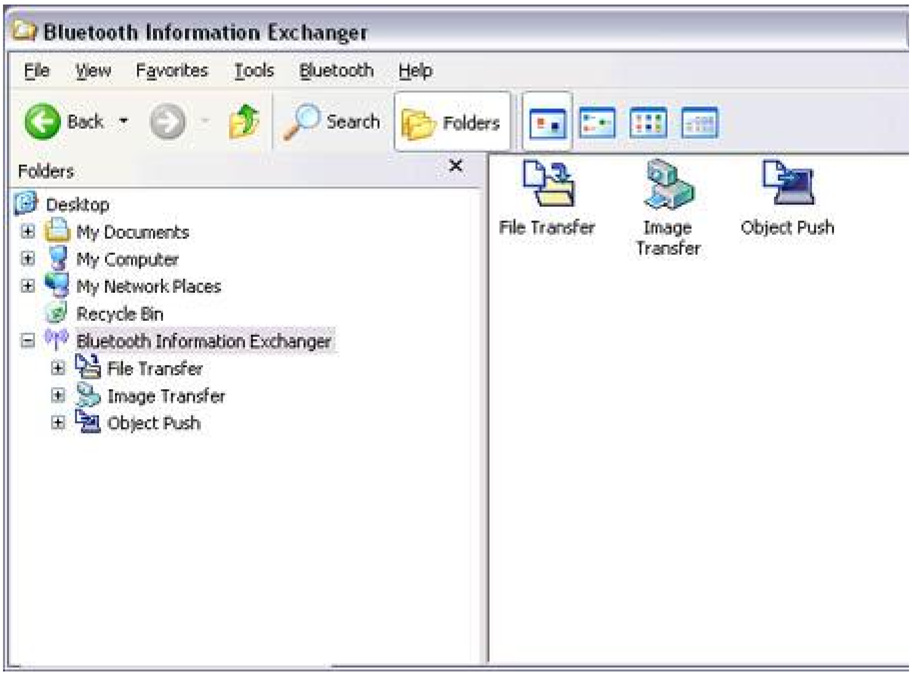
- Please use Properties under Bluetooth Information Exchanger beforehand to configure which data to use for your own business card.
- You can only have one business card registered as your own that is able to be sent.

1. **Turn on the PC or PDA**
   Confirm that a Bluetooth connection has been enabled before proceeding

2. **Double-click on the Bluetooth Information Exchanger icon on the Desktop**

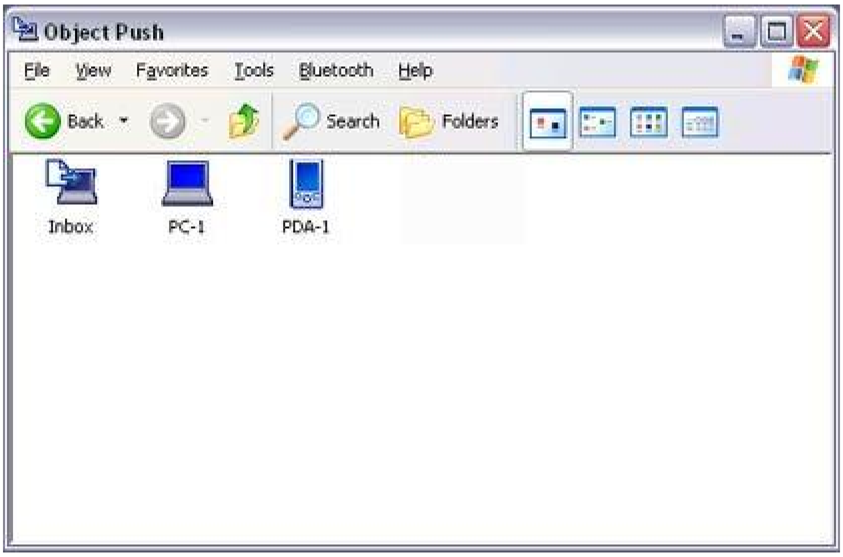
Note

- Alternatively, opening Explorer and clicking on the Bluetooth Information Exchanger folder will produce the same result.



The [Bluetooth Information Exchanger] window will appear.

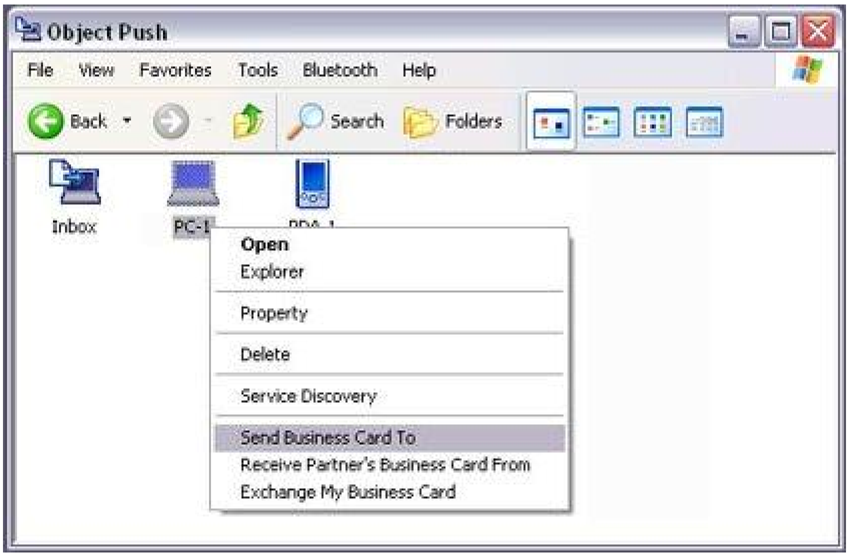
3. **Double-click on the [Object Push] icon**
   A list of devices will appear in the [Object Push] window.



Note

- If the desired device does not appear in the list, please confirm that the device has been turned on, and then select [Bluetooth]->[Search Devices].
  A device search will be performed.

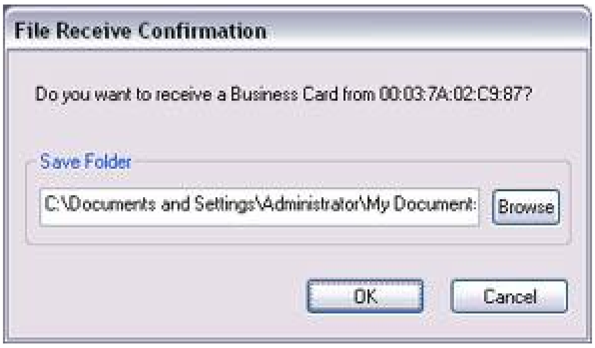
4. **Right-click on the destination icon, and then click on [Send business card To]**
   In this case, your personal business card will be sent to a PC named "PC-1".



The business card will be sent.

Note

- When you try to send a business card, a message requesting permission to receive the files may appear on the device belonging to the other party (i.e., on the receiving end). The content of the message will vary with the Bluetooth software installed on the destination device, so please be sure to follow the instructions provided. If you are using the Bluetooth Utility, a message similar to the one below will appear.

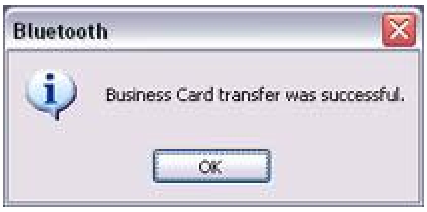

File Receive Confirmation

Do you want to receive a Business Card from 00:03:7A:02:C9:87?

Save Folder: C:\Documents and Settings\Administrator\My Document:

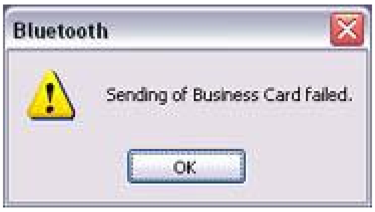
- Business cards that have been sent will be saved in the Inbox of the destination party.

If your business card has been sent successfully, the message below will appear.
Please click on the [OK] button.


Bluetooth

Business Card transfer was successful.

The message below will appear if the business card transmission was unsuccessful. Please click on the [OK] button to close the message, and repeat the procedure.


Bluetooth

Sending of Business Card failed.

Note

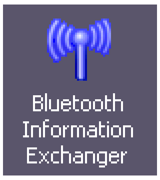
- Data that has been sent will be saved in a folder for exchanged business cards on the destination device.

¦Acquiring a business card from another party

You can use your PC to acquire a business card from a party containing their details.

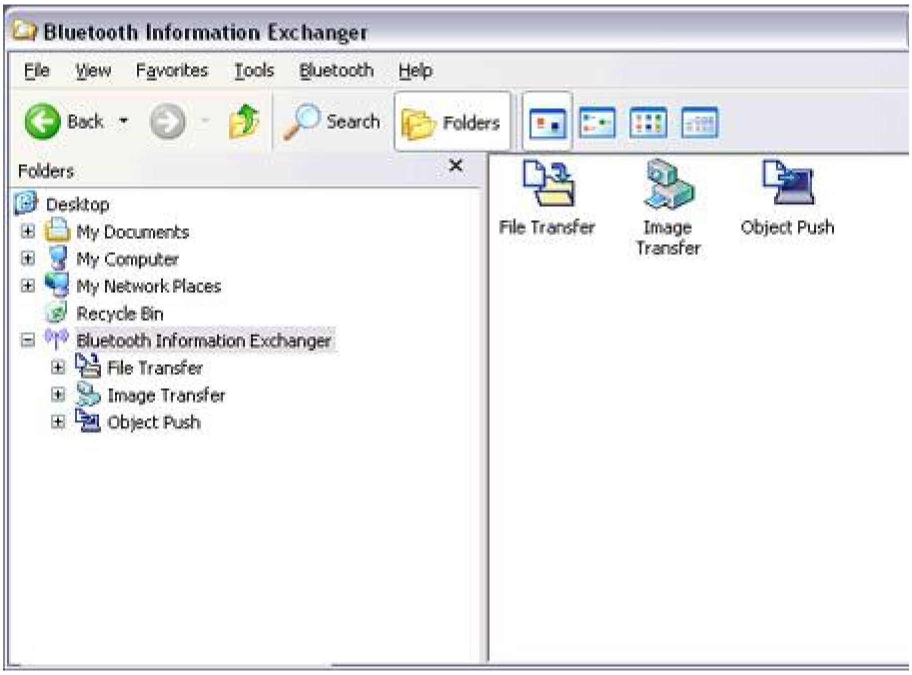
1. **Turn on the PC or PDA**
   Confirm that a Bluetooth connection has been enabled before proceeding

2. **Double-click on the Bluetooth Information Exchanger icon on the Desktop**



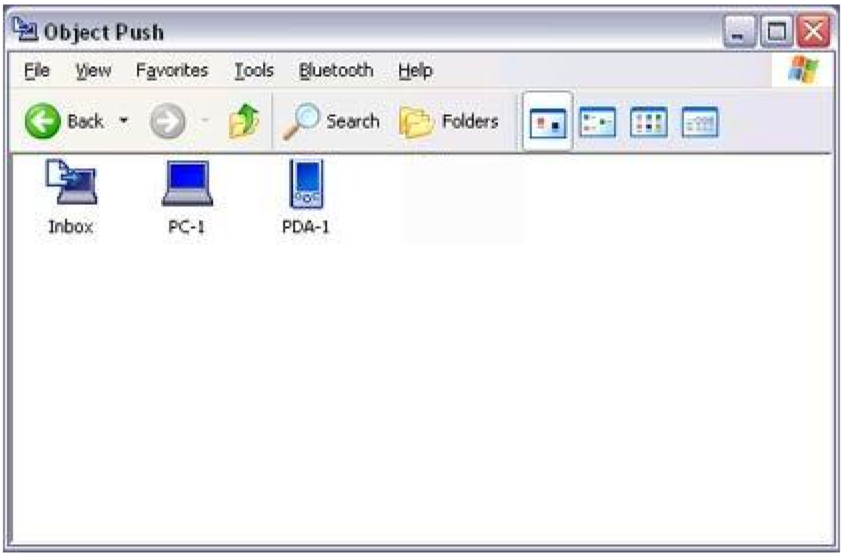
Note

- Alternatively, opening Explorer and clicking on the Bluetooth Information Exchanger folder will produce the same result.



The [Bluetooth Information Exchanger] window will appear.

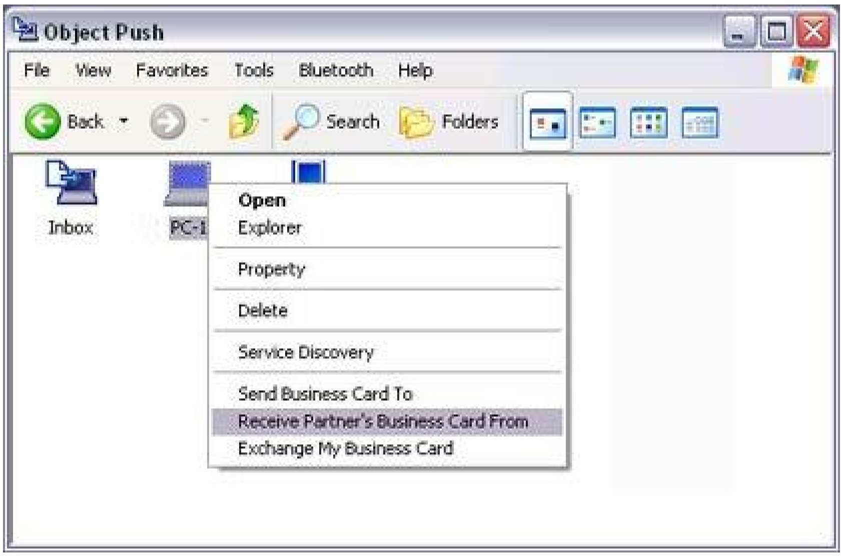
3. **Double-click on the [Object Push] icon**
   A list of devices will appear in the [Object Push] window.



Note

- If the desired device does not appear in the list, please confirm that the device has been turned on, and then select [Bluetooth]->[Search Devices].
  A device search will be performed.

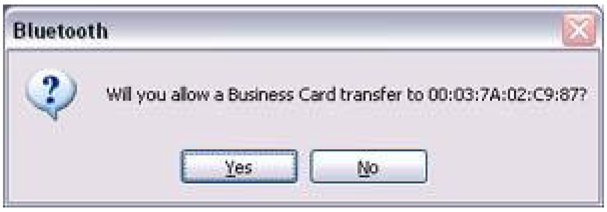
4. **Right-click on the icon of the party whose card you wish to acquire, and then click on [Receive business card]**
   In this case, the business card of the other party will be acquired from a PC named "PC-1".



The business card will be received.

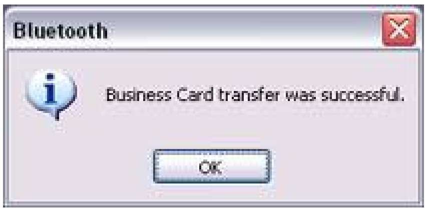
Note

- When you try to acquire a business card, a message requesting permission to send the files may appear on the device belonging to the other party (i.e., on the sending end). The content of the message will vary with the Bluetooth software installed on the destination device, so please be sure to follow the instructions provided.
  If you are using the Bluetooth Utility, a message similar to the one below will appear.



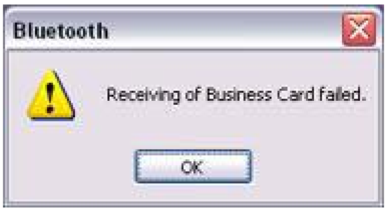
Will you allow a Business Card transfer to 00:03:7A:02:C9:87?

If the business card has been received successfully, the message below will appear.
Please click on the [OK] button.



Business Card transfer was successful.

The message below will appear if the business card was unsuccessfully received.
Please click on the [OK] button to close the message, and repeat the procedure.



Receiving of Business Card failed.

Note

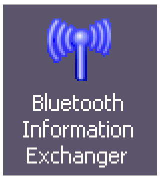
- Business card data that have been received will be saved in the Inbox under "Object Push".
  You can use Properties under the Bluetooth Information Exchanger to set the location of the Inbox on the hard drive.

Exchanging business cards

Simultaneously exchange your business card with one belonging to another party.

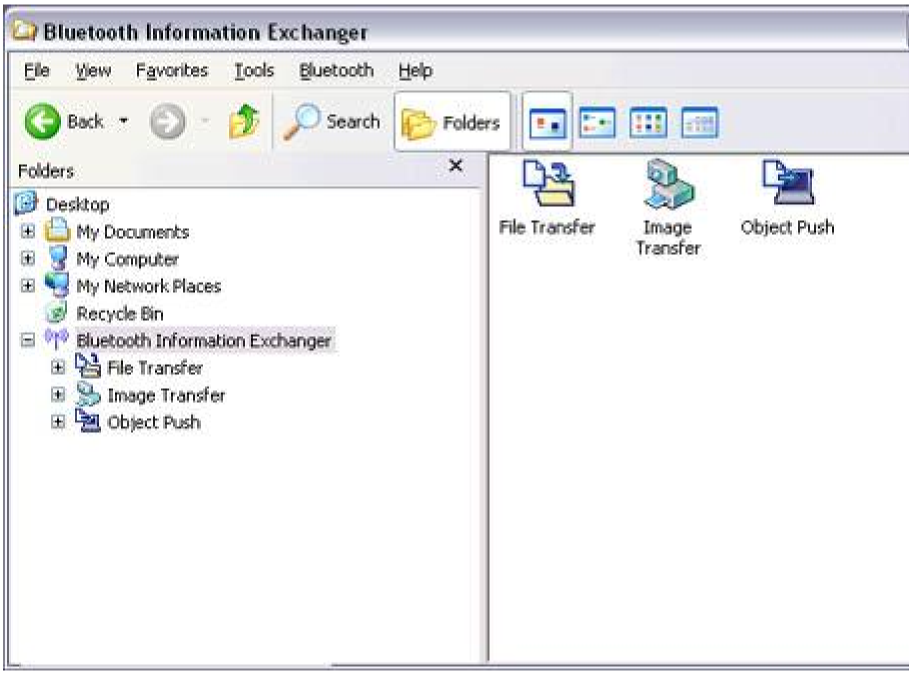
1. **Turn on the PC or PDA**
   Confirm that a Bluetooth connection has been enabled before proceeding.

2. **Double-click on the Bluetooth Information Exchanger icon on the Desktop**



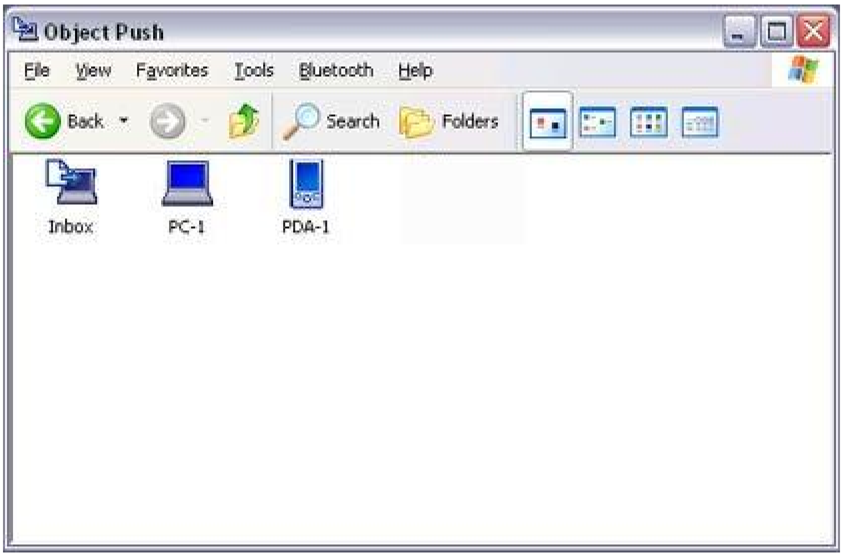
Note

- Alternatively, opening Explorer and clicking on the Bluetooth Information Exchanger folder will produce the same result.



The [Bluetooth Information Exchanger] window will appear.

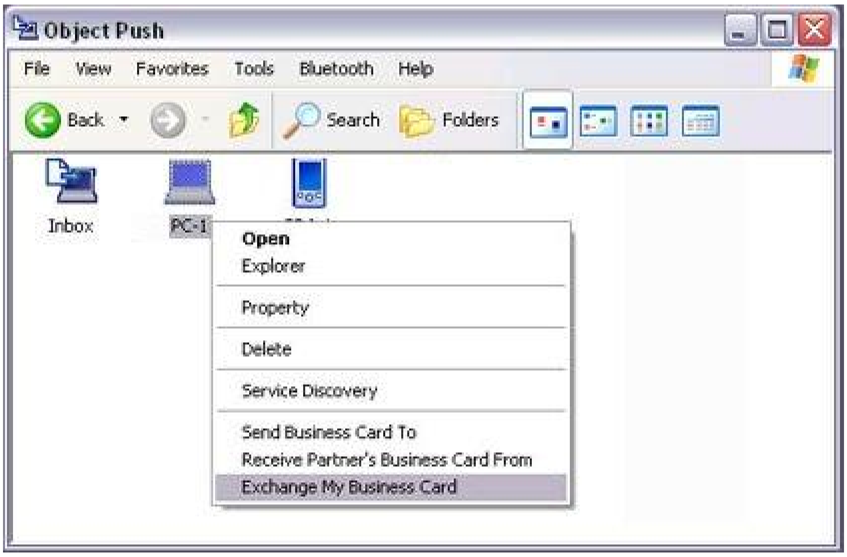
3. **Double-click on the [Object Push] icon**
   A list of devices will appear in the [Object Push] window.



Note

- If the desired device does not appear in the list, please confirm that the device has been turned on, and then select [Bluetooth]->[Search Devices].
  A device search will be performed.

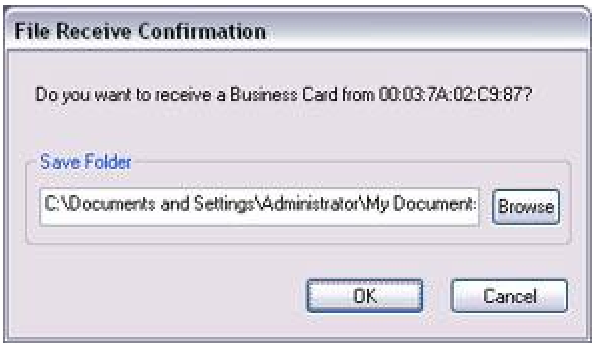
4. **Right-click on the icon of the party with whom you wish to exchange business cards, and then click on [Object Push]**
   In this case, the business cards will be exchanged with a PC named "PC-1".



The business card from the party who executed the "Exchange business cards" command will be sent first.

Note

- When you try to send a business card, a message requesting permission to receive the files may appear on the device belonging to the other party (i.e., on the receiving end). The content of the message will vary with the Bluetooth software installed on the destination device, so please be sure to follow the instructions provided.
  If you are using the Bluetooth Utility, a message similar to the one below will appear.



Do you want to receive a Business Card from 00:03:7A:02:C9:87?

C:\Documents and Settings\Administrator\My Document:

A message of confirmation will appear if the card has been successfully sent.

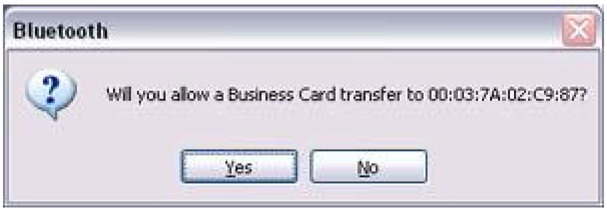
Note

- Business cards that have been sent will be saved in the Inbox of the destination party.

Once your business card has finished being sent, the program will start receiving the business card belonging to the other party.

Note

- When a business card is to be received, a message such as the one below may appear on the device belonging to the other party.
  Please click on the [Yes] button if you give permission for the business card to be sent.



Will you allow a Business Card transfer to 00:03:7A:02:C9:87?

A message of confirmation will appear if the card has been successfully received.

Note

- Business cards that have been received will be saved in the "Inbox" under "Object Push".
  You can use Properties under the Bluetooth

Information Exchanger to set the location of the Inbox on the hard drive.

Synchronising information using ActiveSync

[SPP]

This section describes how to synchronize information on your PDA (calendars, contacts, inboxes etc) with your PC using Microsoft ActiveSync.
When you connect via Bluetooth instead of with a standard cable, you will always be able to synchronise your data without the hassle of having to connect the cable.

Connecting using ActiveSync
Establishing a partnership between ActiveSync and a PDA
Finishing an ActiveSync connection
Cancelling a partnership

Important

- Please use ActiveSync v.3.7 or higher. Also please establish a partnership between the devices using a USB or infrared link before you connect via Bluetooth.
- Please refer to the ActiveSync Help or other manuals for information on how to use the application.
- Microsoft Outlook 2002 or another schedule management tool must also be installed on the PC.

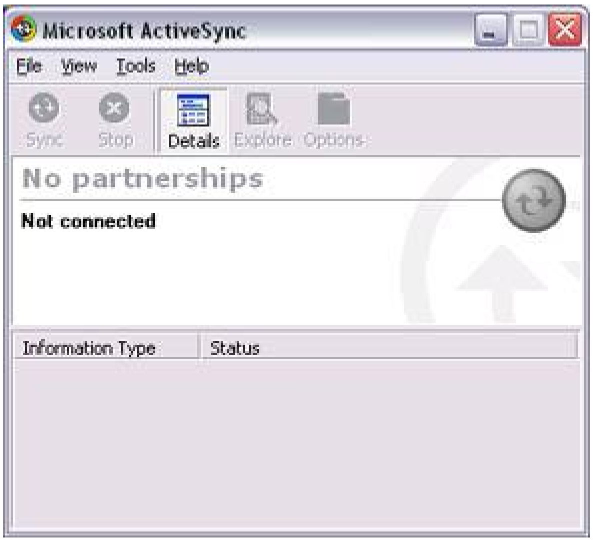
Connecting using ActiveSync

Both the PC and PDA must be set up in order for a connection to be established.

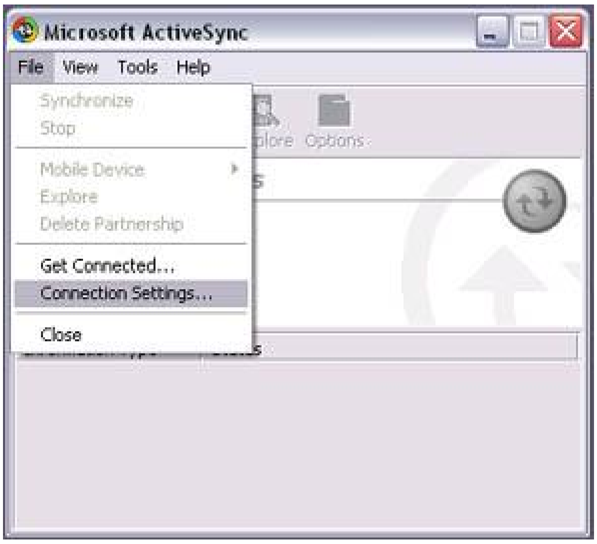
Preparing the PC

Procedure

1. **On the PC, click on [Start]->[All Programs]->[Microsoft ActiveSync]**
   The initial ActiveSync set-up window will appear.
   It is assumed in the explanation below that no ActiveSync connections have been established with other devices.

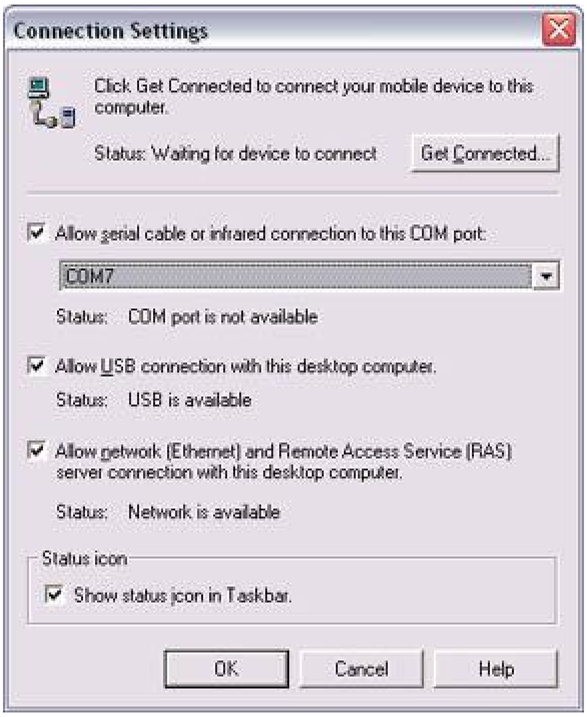


2. **Click [File]->[Connection Settings]**



The [Connection Settings] window will appear.

3. **Place a check next to [Allow serial cable or infrared connection to this COM port], and then select "COM7".**


Connection Settings

Click Get Connected to connect your mobile device to this computer.

Status: Waiting for device to connect

☑ Allow serial cable or infrared connection to this COM port:

COM7

Status: COM port is not available

☑ Allow USB connection with this desktop computer.

Status: USB is available

☑ Allow network (Ethernet) and Remote Access Service (RAS) server connection with this desktop computer.

Status: Network is available

Status icon

☑ Show status icon in Taskbar.

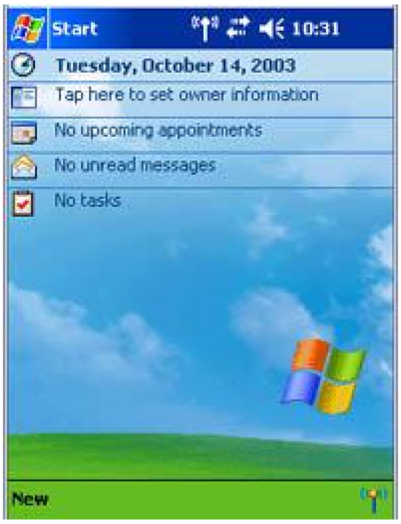
Note

- In the standard set-up, the port is configured to "COM7" (refer to Steps (3) and (4) under "Preparing the PDA" below). When using a different port, please also change the port number selected in this window.

Preparing the PDA

Procedure

1. **Tap on the Bluetooth icon in the bottom right of the screen**



Tuesday, October 14, 2003

Tap here to set owner information

No upcoming appointments

No unread messages

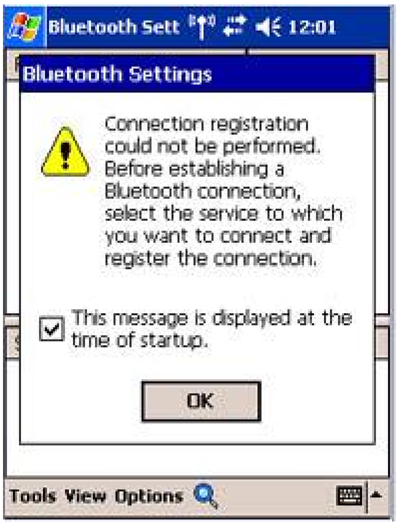
No tasks

Important

- The graphic above shows an example of a PDA operating window.

The connection procedure may be different depending on the manufacturer or model of PDA you use. Please refer to the product instruction manuals for further details.

The [Bluetooth Settings] window will open.
The message "Connection not registered" will appear if no Bluetooth device has been registered.



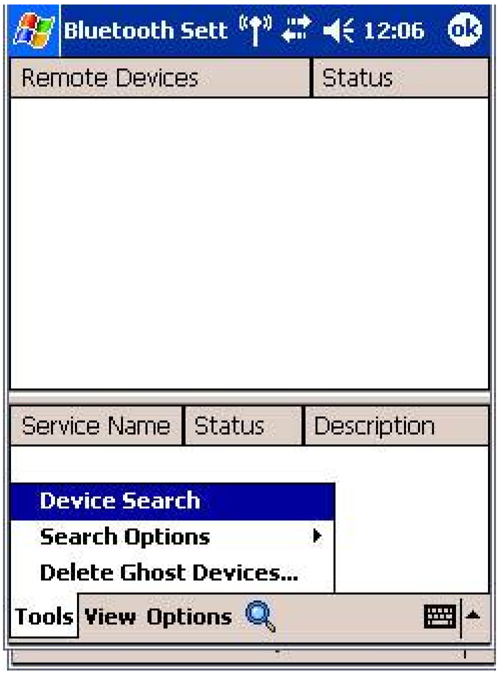
Bluetooth Settings

Connection registration could not be performed. Before establishing a Bluetooth connection, select the service to which you want to connect and register the connection.

☑ This message is displayed at the time of startup.

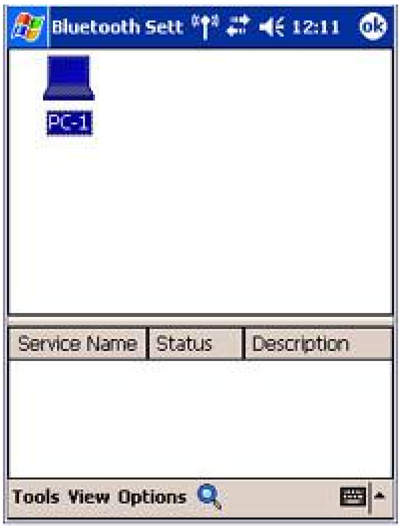
Please tap on [OK] to close the message.

2. **Double click on [Tools]->[Search for peripheral components]**

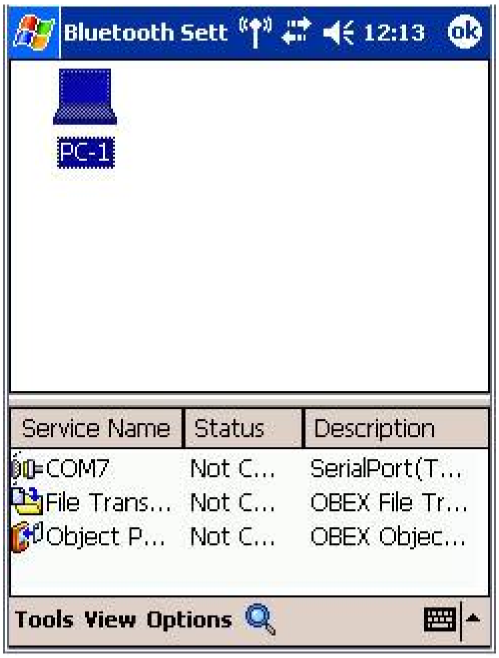


The application searches for nearby Bluetooth devices.

3. **Tap and hold on the destination PC icon, and then select [Update Services]**

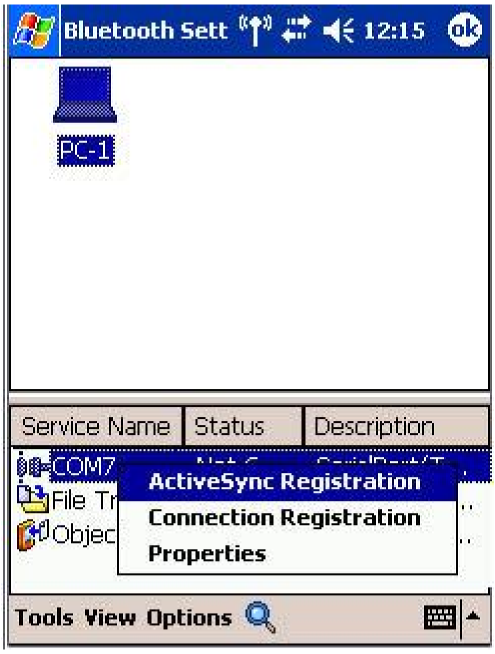


A search for services will be carried out, and then a list of service names and their connection status will appear as list in the lower window.

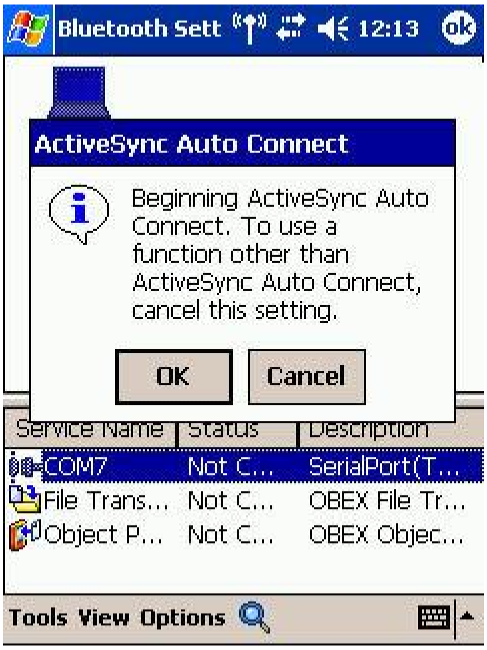


Service Name	Status	Description
COM7	Not C...	SerialPort(T...
File Trans...	Not C...	OBEX File Tr...
Object P...	Not C...	OBEX Objec...

4. **Tap and hold on "COM7" from the list of service names, and then select "Register ActiveSync".**



5. **Tap [OK] in the confirmation message window**



Beginning ActiveSync Auto Connect. To use a function other than ActiveSync Auto Connect, cancel this setting.

Service Name	Status	Description
COM7	Not C...	SerialPort(T...
File Trans...	Not C...	OBEX File Tr...
Object P...	Not C...	OBEX Objec...

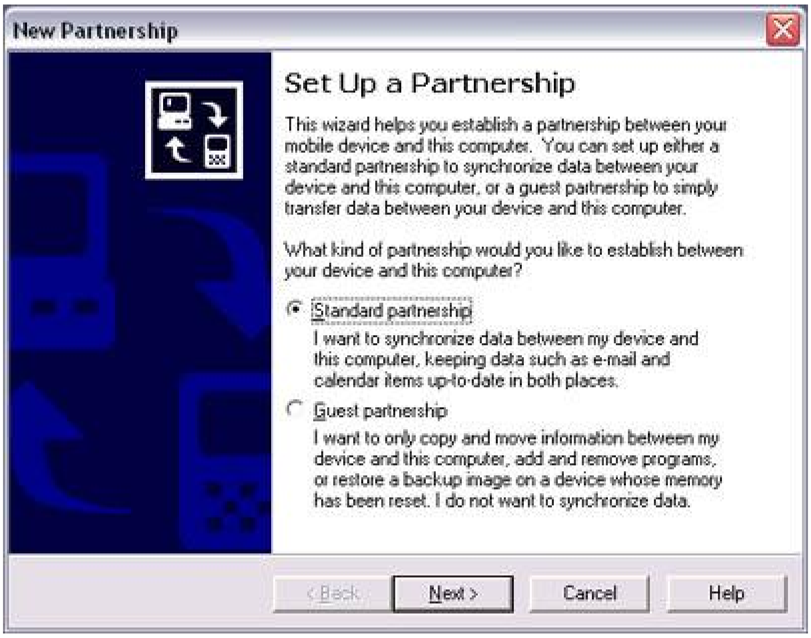
An ActiveSync connection will be initiated.

- Establishing a partnership between ActiveSync and a PDA

Once a connection has been successfully established with a PDA, the procedure for establishing a partnership with the PDA will be started by the ActiveSync application on the PC.
Performing this set-up procedure will enable data to be synchronised between your PC and PDA.

Procedure

1. **In the [New Partnership (Set Up a Partnership)] window, select "Standard partnership", and then click on the [Next] button**



Set Up a Partnership

This wizard helps you establish a partnership between your mobile device and this computer. You can set up either a standard partnership to synchronize data between your device and this computer, or a guest partnership to simply transfer data between your device and this computer.

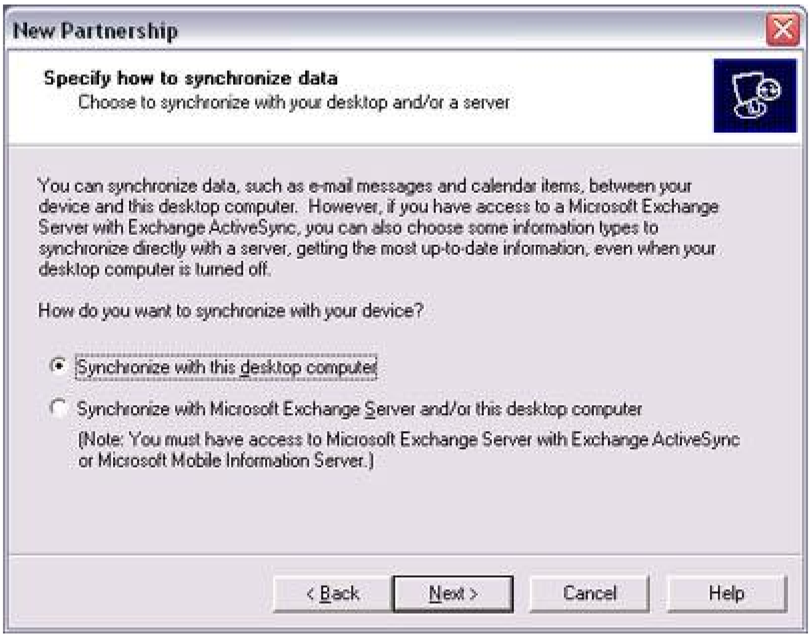
What kind of partnership would you like to establish between your device and this computer?

● Standard partnership
I want to synchronize data between my device and this computer, keeping data such as e-mail and calendar items up-to-date in both places.

○ Guest partnership
I want to only copy and move information between my device and this computer, add and remove programs, or restore a backup image on a device whose memory has been reset. I do not want to synchronize data.

The [New Partnership (Specify Data Synchronisation Method)] window will appear.

2. **Select "Synchronise with this PC", and then click on the [Next] button**



Specify how to synchronize data
Choose to synchronize with your desktop and/or a server

You can synchronize data, such as e-mail messages and calendar items, between your device and this desktop computer. However, if you have access to a Microsoft Exchange Server with Exchange ActiveSync, you can also choose some information types to synchronize directly with a server, getting the most up-to-date information, even when your desktop computer is turned off.

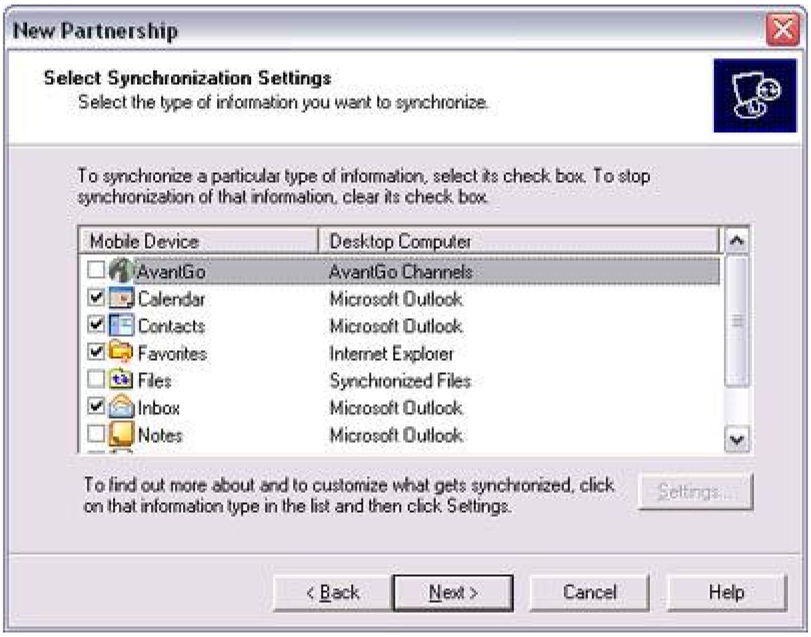
How do you want to synchronize with your device?

● Synchronize with this desktop computer

○ Synchronize with Microsoft Exchange Server and/or this desktop computer
(Note: You must have access to Microsoft Exchange Server with Exchange ActiveSync or Microsoft Mobile Information Server.)

The [New Partnership (Select Synchronisation Settings)] window will appear.

3. **Select the type of information to be synchronised between your PC and PDA, and then click on the [Next] button**



Select Synchronization Settings

Select the type of information you want to synchronize.

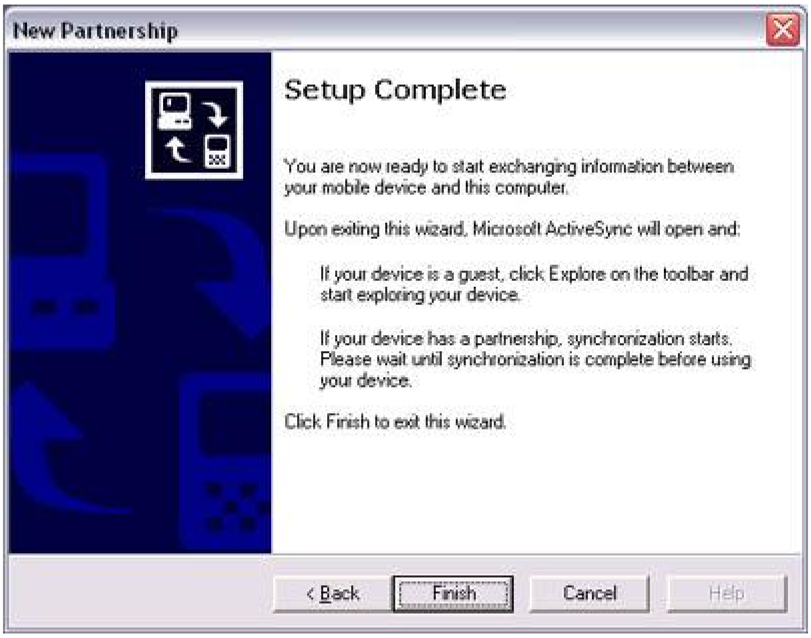
To synchronize a particular type of information, select its check box. To stop synchronization of that information, clear its check box.

Mobile Device	Desktop Computer
☐ AvantGo	AvantGo Channels
☑ Calendar	Microsoft Outlook
☑ Contacts	Microsoft Outlook
☑ Favorites	Internet Explorer
☐ Files	Synchronized Files
☑ Inbox	Microsoft Outlook
☐ Notes	Microsoft Outlook

To find out more about and to customize what gets synchronized, click on that information type in the list and then click Settings.

The [New Partnership (Completing Setup)] window will appear.

4. **Click on the [Finish] button**



Setup Complete

You are now ready to start exchanging information between your mobile device and this computer.

Upon exiting this wizard, Microsoft ActiveSync will open and:

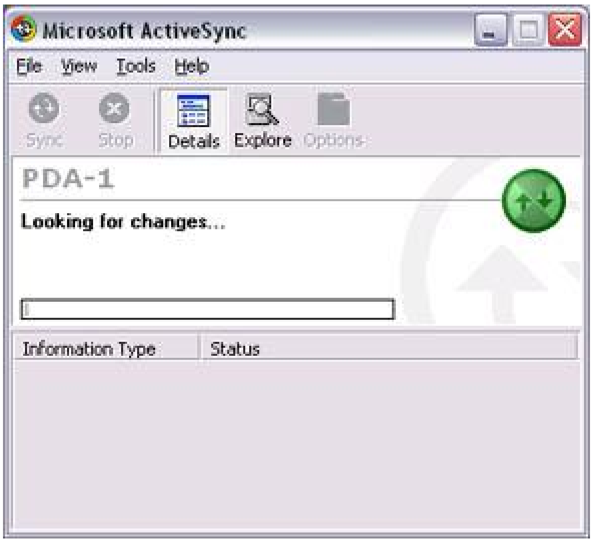
If your device is a guest, click Explore on the toolbar and start exploring your device.

If your device has a partnership, synchronization starts. Please wait until synchronization is complete before using your device.

Click Finish to exit this wizard.

When you click on the [Finish] button, ActiveSync will begin to synchronise your information.

[Confirming changes]

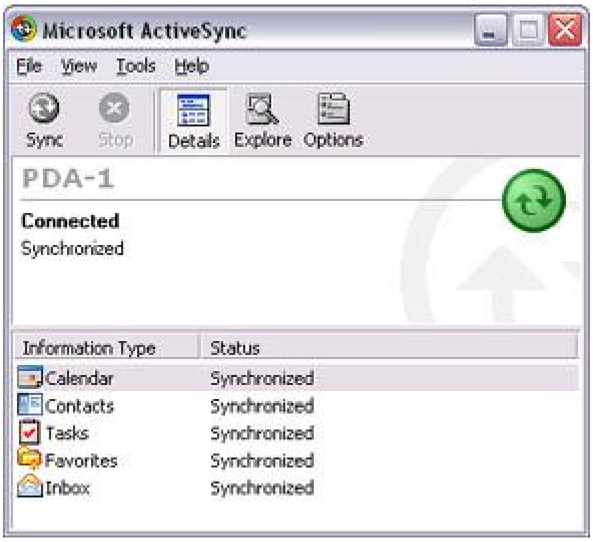


PDA-1

Looking for changes...

Information Type	Status

[Synchronization complete]



PDA-1

Connected

Synchronized

Information Type	Status
Calendar	Synchronized
Contacts	Synchronized
Tasks	Synchronized
Favorites	Synchronized
Inbox	Synchronized

While the ActiveSync connection is active, synchronization will be performed whenever information is changed on either the PC or the PDA.

Once a partnership has been established, every time you start your

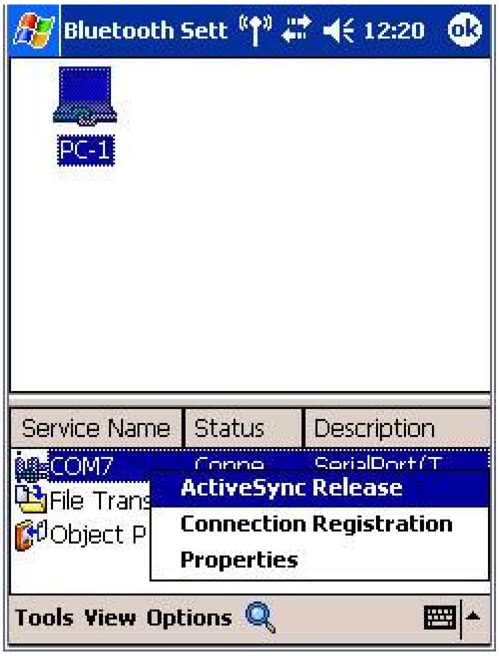
PC (and PDA) thereafter, a Bluetooth connection will be opened and ActiveSync will synchronize your information.

Finishing an ActiveSync connection

Follow the procedure below on your PDA if you want to end an ActiveSync connection manually.

Procedure

1. **Tap and hold on "COM7" in the Bluetooth Settings window, and select [ActiveSync Release]**

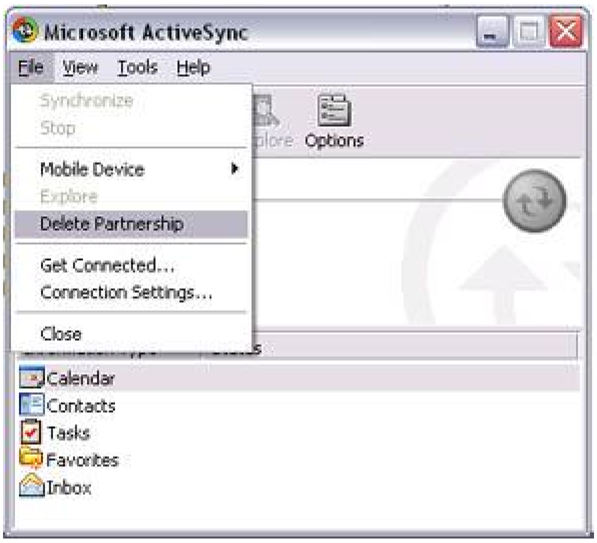


Cancelling a partnership

Follow the procedure below from the ActiveSync window on the PC if you want to cancel the partnership between your PC and PDA.

Procedure

1. **Click on [File] -> "Delete partnership"**



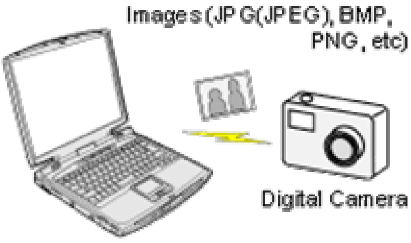
Click on the [Yes] button when the confirmation message appears.

Note

- If you wish to create another ActiveSync connection, you will have to repeat the above procedure to re-establish a partnership.

Using a Bluetooth-compatible camera [BIP]

By connecting a Bluetooth-compatible digital camera to your PC via Bluetooth, you will be able to operate the camera shutter from the PC and transmit the captured images to it as well.



Connecting the camera
Taking pictures
Viewing images saved on your PC

Connecting the camera

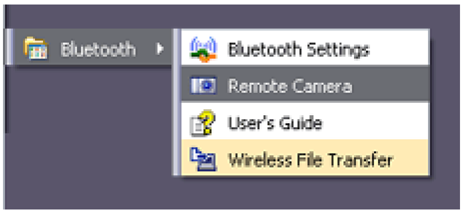
Use the "Remote Camera" tool in the Bluetooth Utility to connect the camera to your PC.

Procedure

1. **Click on [Start]->[All Programs]->[Bluetooth]->[Remote Camera]**

Note

- In Windows 2000, click on [Start]->[Programs]->[Bluetooth]->[Remote Camera].



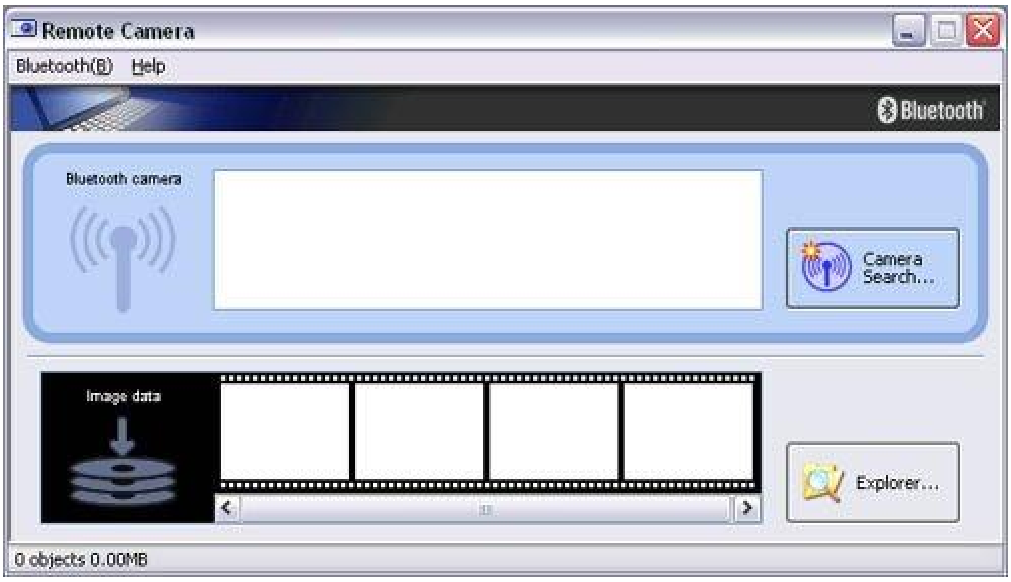
The [Remote Camera] window will appear.

2. **Turn on the camera, and set it to be connectable via Bluetooth**

   Note

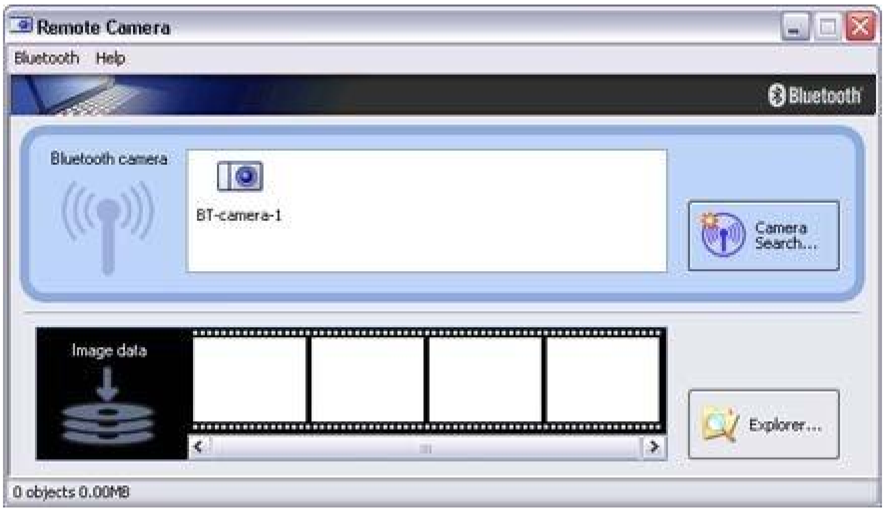
   - Different cameras are operated in different ways, depending on the manufacturer and model used. Please refer to the instruction manual for further details on how to operate your camera.

3. **Click on the [Camera Search...] button**

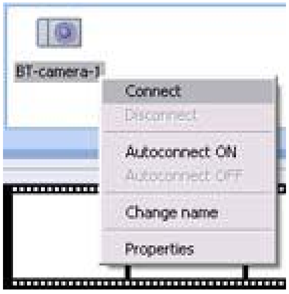


0 objects 0.00MB

The camera will be detected and its icon displayed.



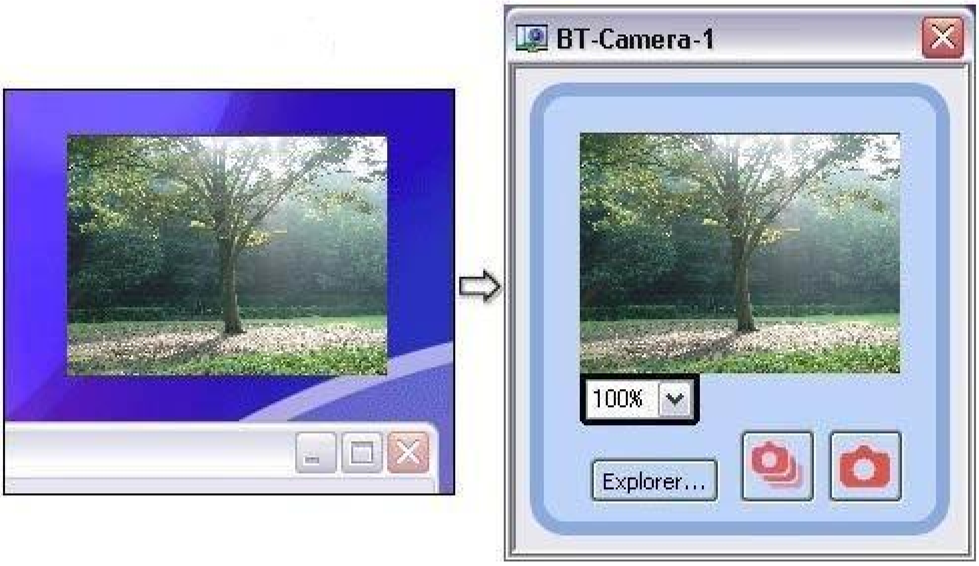
4. **Right-click on the camera icon, and select [Connect]**



The camera will be connected, and images from the camera will appear on-screen.

Taking pictures

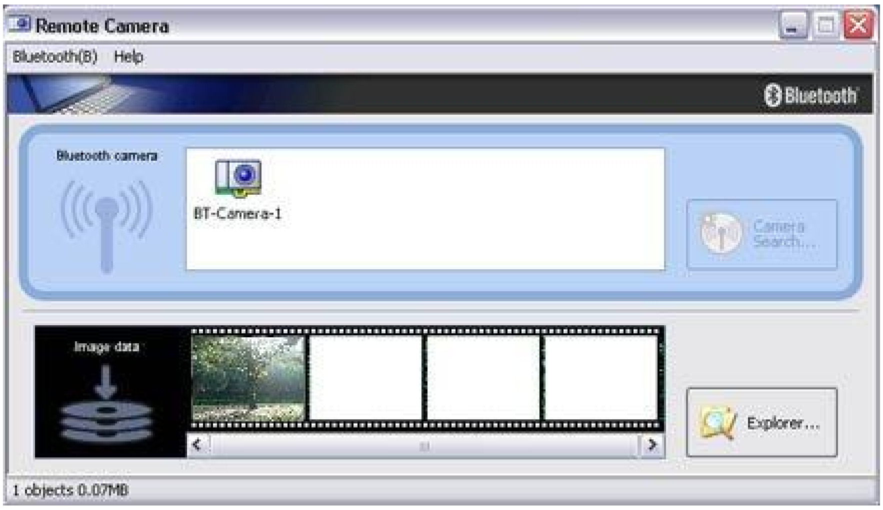
By placing the mouse cursor over the on-screen image, the camera's operating window will appear.
You can operate the camera from this window.



Procedure

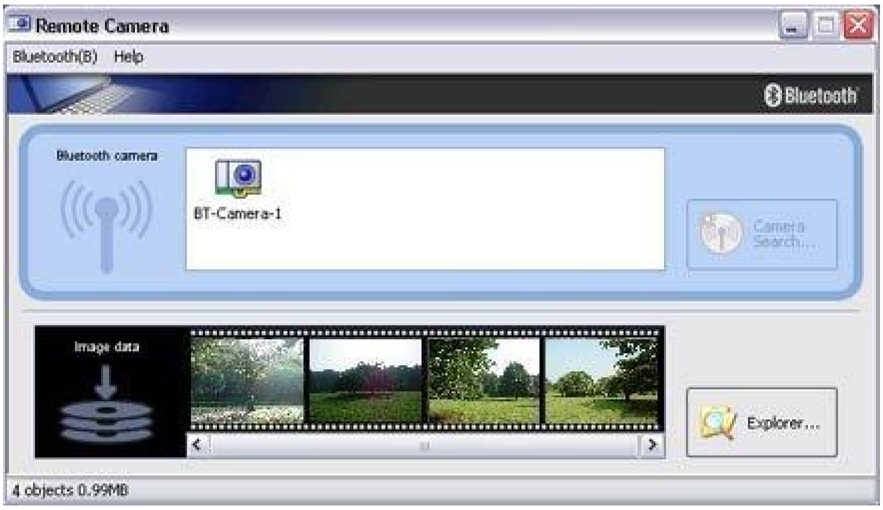
Taking a single picture

1. **Click on the 📷 button in the operating window.**
   A single image will be captured and sent to the PC.



Taking several consecutive frames

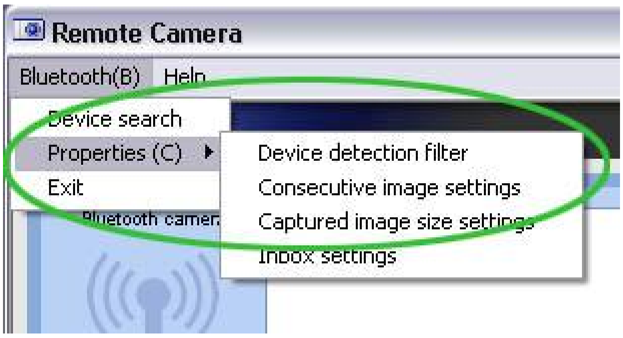
1. **Click on the 📷 button in the operating window**
   A succession of images will be captured and sent to the PC.



Note

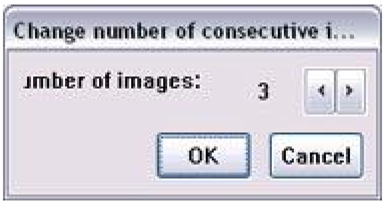
- The remote camera shutter cannot be operated while the camera is connected to the PC.
- The number of consecutive pictures taken can be set to anywhere between 2 and 16

1. In the [Remote Camera] window, click on [Bluetooth]->[Properties]->[Consecutive Image Settings]



The [Change number of consecutive images] dialog box will appear

2. Click on the [<][>] buttons to select the number of consecutive images to be captured



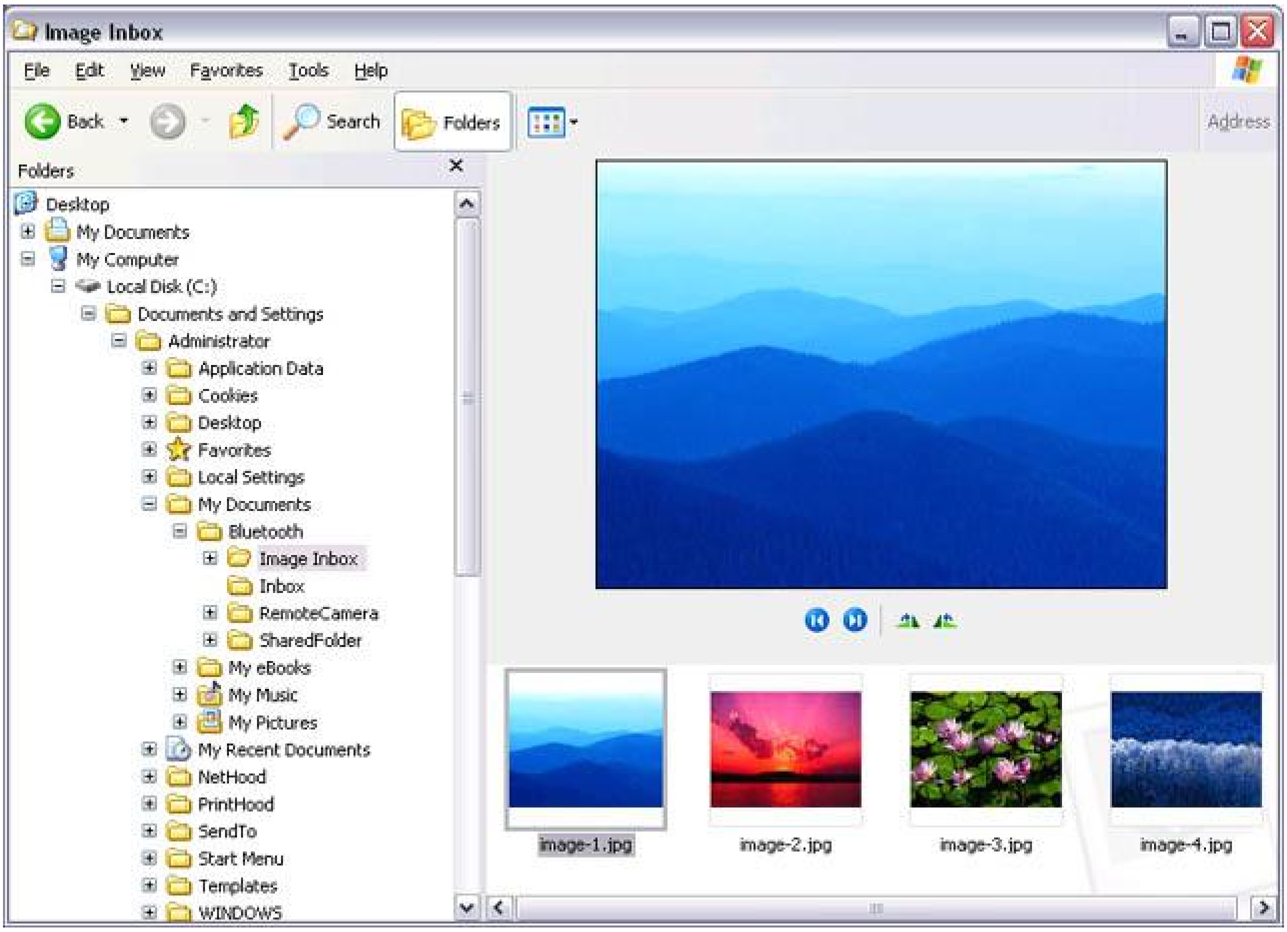
2.

Important

- Images are not only sent to the PC, but are stored in the camera's on-board memory as well.
  Please be aware of the remaining memory capacity when you are taking a large number of pictures.
- Large file sizes are common for high-resolution images, and may take some time to be transferred to the PC.

Viewing images saves on your PC

A "Remote Camera" folder will be created in the "Bluetooth" folder under "My Documents" during initial set-up. A folder bearing the same name as the camera will be created in it, and images will be saved in this folder.
Click the [Explorer] button in the [Remote Camera] window to display the folder where the images have been saved.

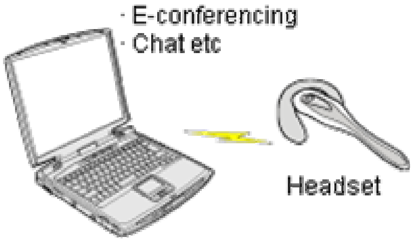


Note

- This window is an example showing pictures when [Filmstrip] has been selected from the [View] menu in Explorer.

Using a headset to communicate [HSP]

This section provides a description of how to use a Bluetooth-compatible wireless headset to communicate (chat) using Microsoft NetMeeting or other software.

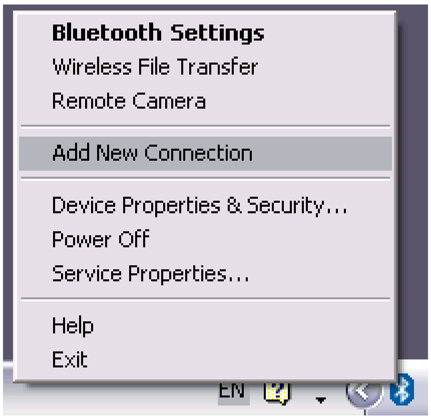


Registering the headset
Making a connection to the headset
Disconnecting from the headset

Registering the headset

Procedure

1. **Right-click on the Bluetooth icon in the tasktray, then click on [Add New Connection Wizard]**



Note

- Alternatively, you can click on [Start]>[All Programs]>[Bluetooth]>[Bluetooth Settings], then click on [New Connection] in the [Bluetooth Settings] screen that has opened.

The [Add New Connection Wizard (Welcome to the Add New Connection Wizard)] screen will appear.

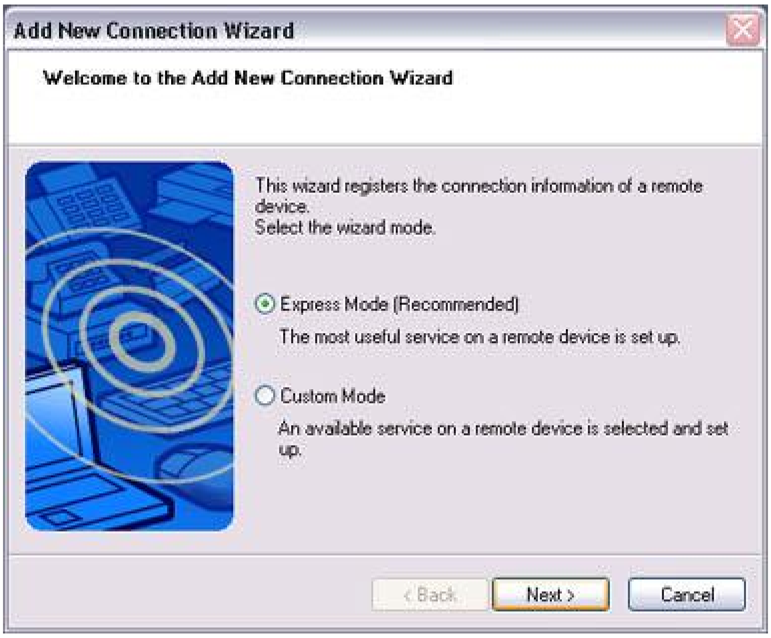
2. **Turn the headset power on**
   Once you have turned on the headset, set the mode to enable a Bluetooth connection.

Important

- The procedure for operating the headset may differ depending on the manufacturer and model.

Please consult your user guide for a detailed description of how to operate the unit.

3. **Confirm that [Express Mode] has been selected, then click on the [Next] button**



Add New Connection Wizard

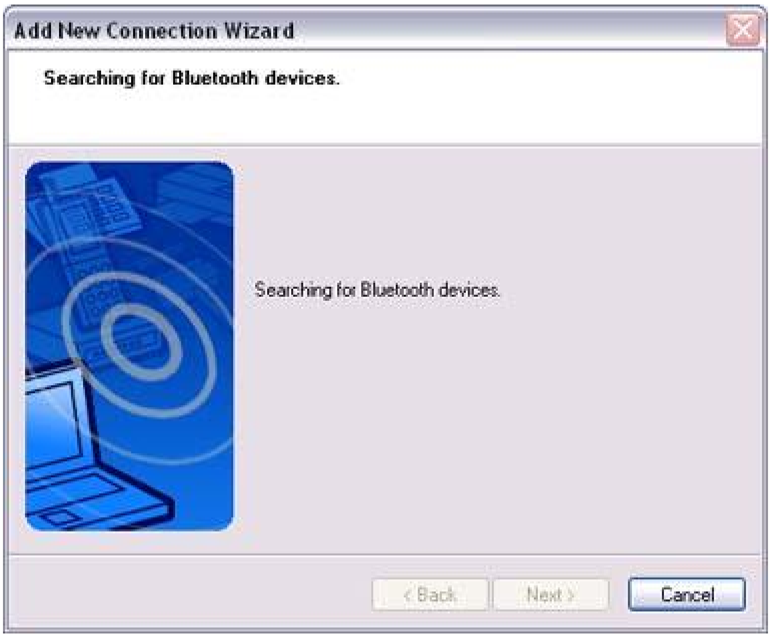
Welcome to the Add New Connection Wizard

This wizard registers the connection information of a remote device.
Select the wizard mode.

● Express Mode (Recommended)
The most useful service on a remote device is set up.

○ Custom Mode
An available service on a remote device is selected and set up.

The [Add New Connection Wizard (Searching for Bluetooth Devices)] screen will appear.



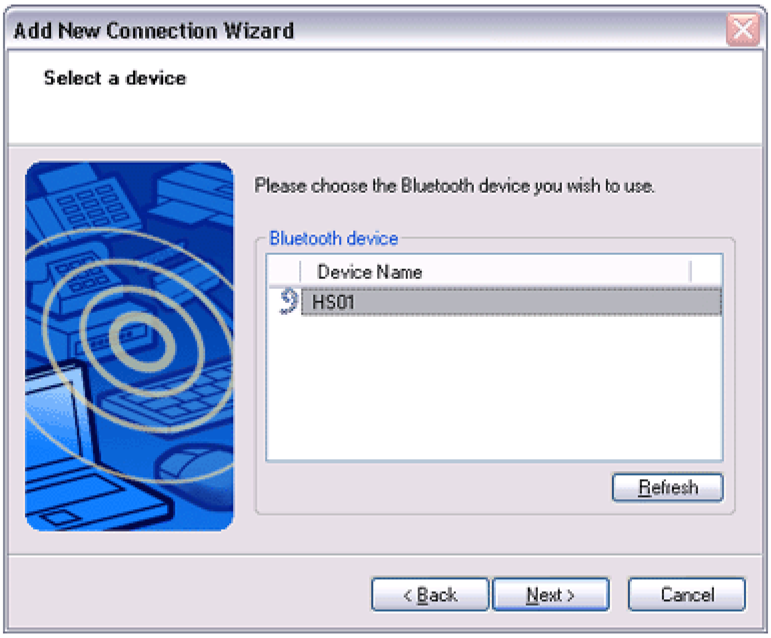
Add New Connection Wizard

Searching for Bluetooth devices.

Searching for Bluetooth devices.

Once the device search has been completed, the [Add New Connection Wizard (Select a Device)] screen will appear.

4. **Select the name of the headset device from the list, then click on the [Next] button**


Add New Connection Wizard

Select a device

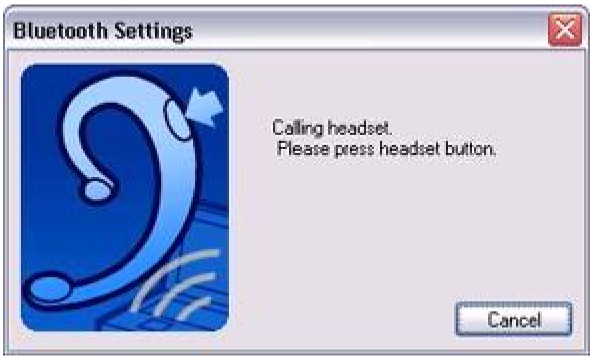
Please choose the Bluetooth device you wish to use.

Bluetooth device

Device Name
HS01

5. **Answering with the headset**

If the service has been properly detected, a screen will appear indicating that the headset is being called, and a tone will accordingly sound in the headset.


Bluetooth Settings

Calling headset.
Please press headset button.

Please press the headset switch.

Important

- The procedure for operating the headset may differ depending on the manufacturer and model. Please consult your user guide for a detailed description of how to operate the unit.

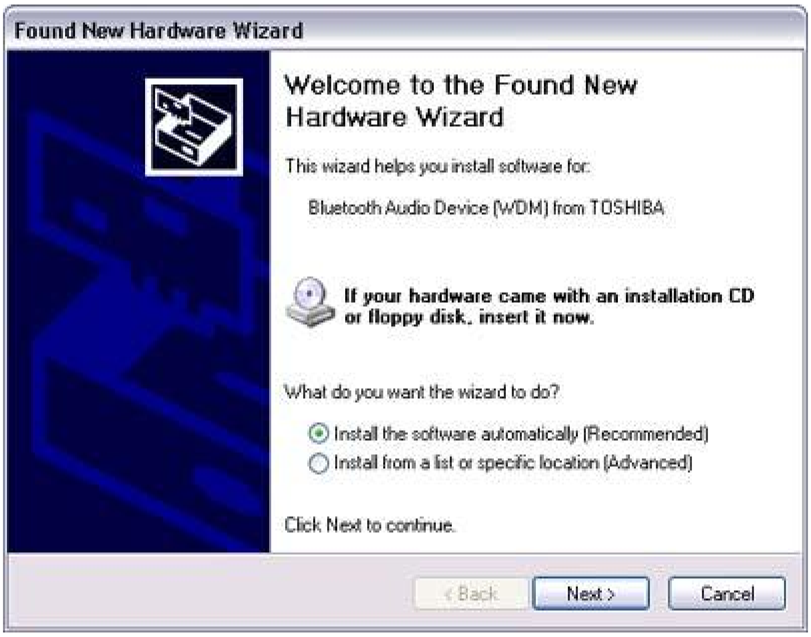
The [Add New Connection Wizard (Configuring (Connecting to Voice Circuit))] screen will appear, and device configuration will be performed.

Note

- If you are connecting to the headset for the first time, or if another Bluetooth audio device has not yet been registered, the following [Found New Hardware Wizard] screen will appear, from which you can proceed to install the driver.

  If another audio device has already been registered (i.e., the driver has been installed), you can proceed to Step 9 without having to install the driver.

6. **Click on the [Next] button**



Found New Hardware Wizard

Welcome to the Found New Hardware Wizard

This wizard helps you install software for:

Bluetooth Audio Device (WDM) from TOSHIBA

If your hardware came with an installation CD or floppy disk, insert it now.

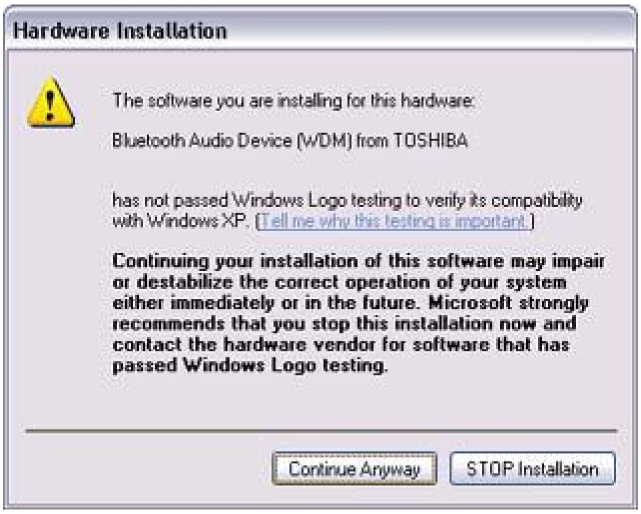
What do you want the wizard to do?

● Install the software automatically (Recommended)
○ Install from a list or specific location (Advanced)

Click Next to continue.

The [Install Hardware] screen will appear.

7. **Click on the [Continue Anyway] button**
   The following screen will appear automatically. You may disregard it and click on the [Continue Anyway] button.



Hardware Installation

The software you are installing for this hardware:

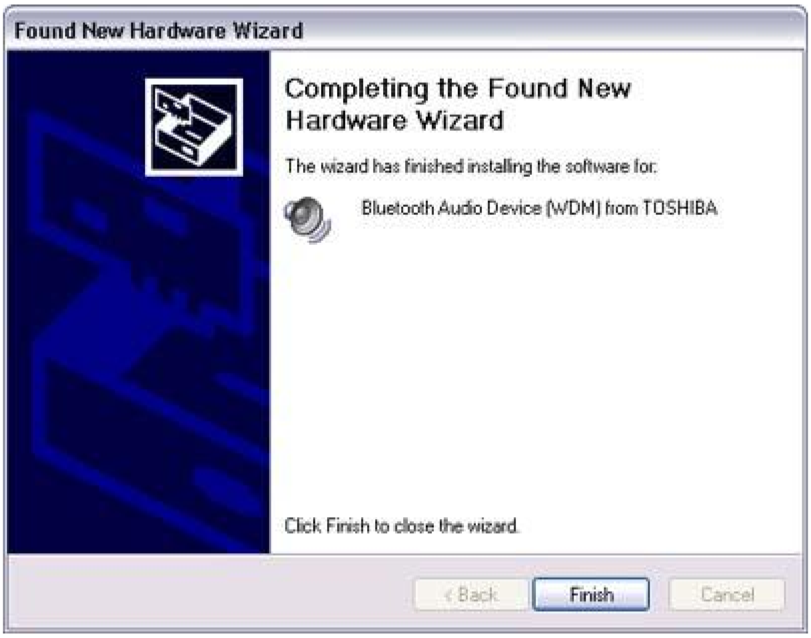
Bluetooth Audio Device (WDM) from TOSHIBA

has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)

Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.

The [Add New Connection Wizard (Completing the Found New Hardware Wizard)] screen, which is the final screen of the installation wizard, will appear.

8. **Click on the [Finish] button**



Found New Hardware Wizard

Completing the Found New Hardware Wizard

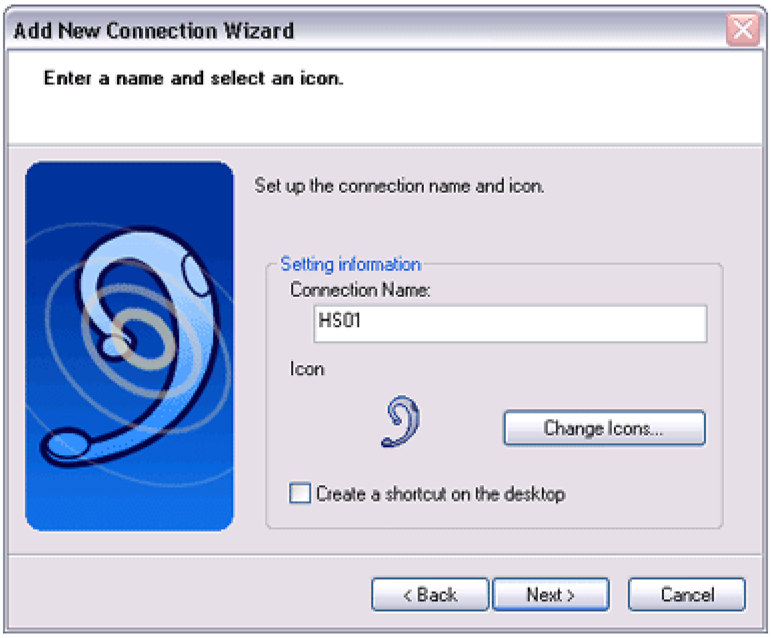
The wizard has finished installing the software for:

Bluetooth Audio Device (WDM) from TOSHIBA

Click Finish to close the wizard.

Once driver installation is complete, the [Add New Connection Wizard (Enter Connection Name)] will appear.

9. **Confirm the information you have entered, and click on the [Next] button**



Enter a name and select an icon.

Set up the connection name and icon.

Setting information

Connection Name: HS01

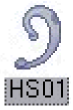
Icon

☐ Create a shortcut on the desktop

The [Add New Connection Wizard (Completing the Add New Connection Wizard)] screen will appear.

10. **Click on the [Finish] button**

The configuration information will be registered, and an icon will be displayed in the [Bluetooth Settings] screen.



Making a connection to the headset

You can make a connection to the headset from an icon that has been registered in [Bluetooth Settings].

Important

- Before making a connection to the headset, please check that you have turned on the headset's power, and that it has been enabled for a Bluetooth connection.

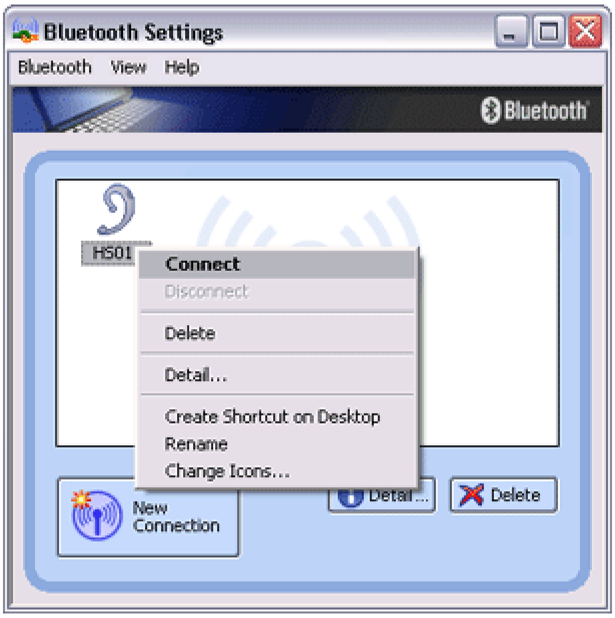
Please ensure that the following audio-related applications have been closed before you connect the headset to your PC.

- Windows Media Player, BeatJam, InterVideo WinDVD and other music/audio playback software
- Windows Messenger and other e-conferencing software

If you wish to use these applications, please terminate the headset connection before you launch them.

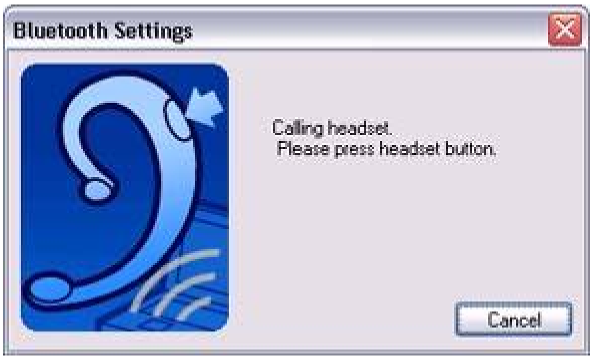
Procedure

1. **Right-click on the headset icon, then click on [Connect].**



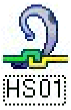
2. **Answer with the headset**

A screen will appear indicating that the headset is being called, and a tone will accordingly sound in the headset.
Please press the headset switch.



Calling headset.
Please press headset button.

If the connection has been properly established, the icon's appearance will change to indicate a connected state.



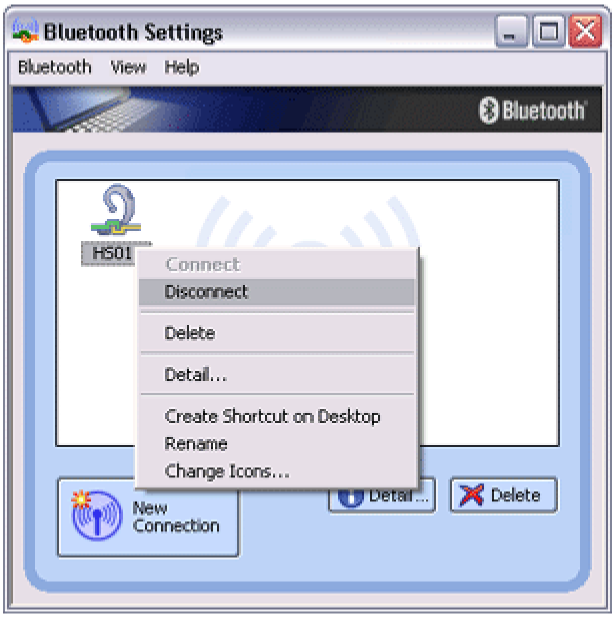
You may now launch conferencing and voice-recognition software and use the headset.

Disconnecting from the headset

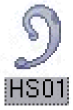
Please follow the steps below to disconnect from the headset.

Procedure

1. **Right-click on the headset icon in the [Bluetooth Settings] screen, then click on [Disconnect].**



A message will appear, requesting confirmation that you wish to disconnect. Click on the [Yes] button.
The icon on the [Bluetooth Settings] screen will appear as shown below, indicating that the device has been disconnected.

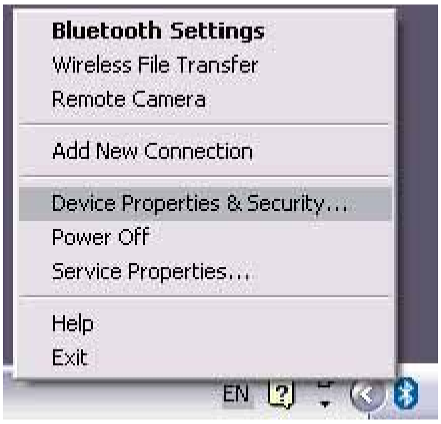


Making a device undiscoverable to other users

For security purposes, you may not wish your device to be detected by other Bluetooth users. The procedure for accomplishing this is provided below.

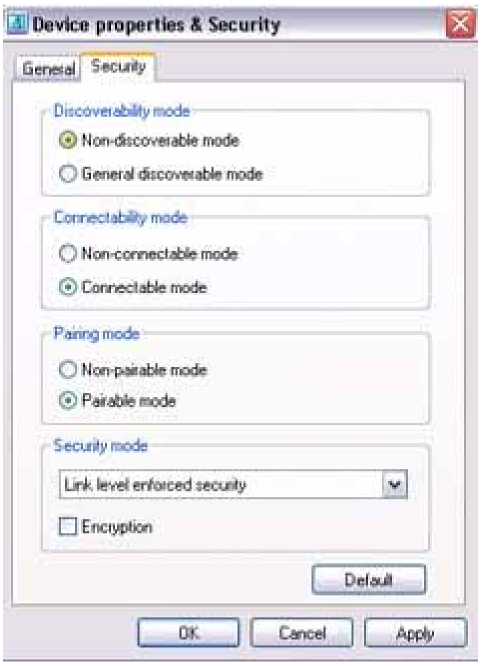
Procedure

1. **Right-click on the Bluetooth icon in the task tray, and click on [Device Properties & Security]**



The [Device Properties] window will appear.

2. **Select [Non-discoverable mode] in [Discoverability mode] under the [Security] tab, and then click on the [OK] button**



Discoverability mode
● Non-discoverable mode
○ General discoverable mode

Connectability mode
○ Non-connectable mode
● Connectable mode

Pairing mode
○ Non-pairable mode
● Pairable mode

Security mode
Link level enforced security
☐ Encryption

Your device will now be undetectable by other users, even when they search for other devices.

Note

- Other devices are still able to establish connections with your device even if you have enabled the Non-discoverable mode.
  Please enable "Non-connectable mode" if you wish to reject connections from other devices.

Related topic: "Bluetooth Manager"

Encrypting the content of your transmissions

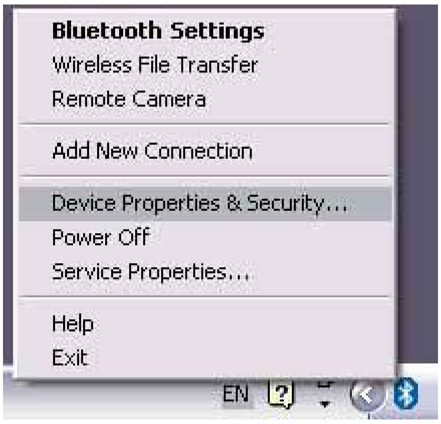
Since Bluetooth communication is conducted wirelessly, there is always the possibility that a third party may be able to intercept your transmissions.
You can use encryption to render the content indecipherable to anyone who manages to intercept it.

Important

- Encrypting your transmissions will still not guarantee complete security. Accordingly, please be aware that transmitting data is conducted with an element of risk for the user.

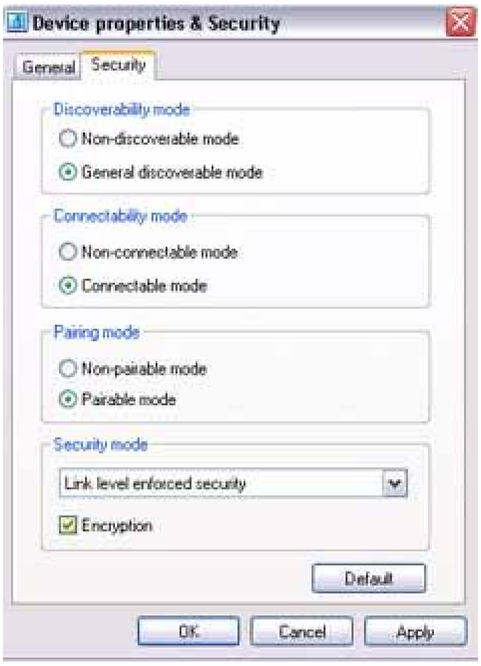
Procedure

1. **Right-click on the Bluetooth icon in the task tray, and click on [Device Properties & Security].**



The [Device Properties] window will appear.

2. **Select [Link Level Enforced Security] in [Security Mode] under the [Security] tab, put a check next to [Encryption], and then click on the [OK] button**



Discoverability mode

○ Non-discoverable mode

● General discoverable mode

Connectability mode

○ Non-connectable mode

● Connectable mode

Pairing mode

○ Non-pairable mode

● Pairable mode

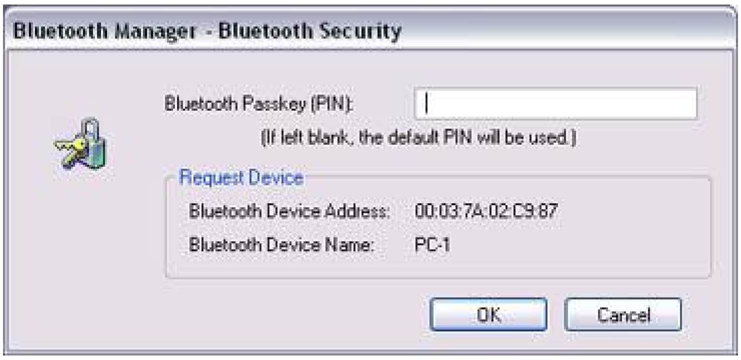
Security mode

Link level enforced security

☑ Encryption

Note

- Once you have configured the security mode, a window will appear when you first make a connection to another device, prompting you to enter a Bluetooth passkey (PIN code).
  Please click on the [OK] button after you have entered the passkey.



Bluetooth Passkey (PIN):

(If left blank, the default PIN will be used.)

Request Device

Bluetooth Device Address: 00:03:7A:02:C9:87

Bluetooth Device Name: PC-1

- The window in which you enter the passkey will not appear once you have connected more than two times to the device.

Related topic: "Bluetooth Manager"

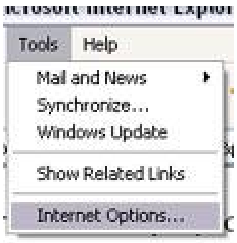
Changing the default connection

The "default connection" refers to the dial-up connection configured for use whenever a connection is made to the Internet.
If several connections have been registered, you can change the default connection by following the procedure below.

Procedure

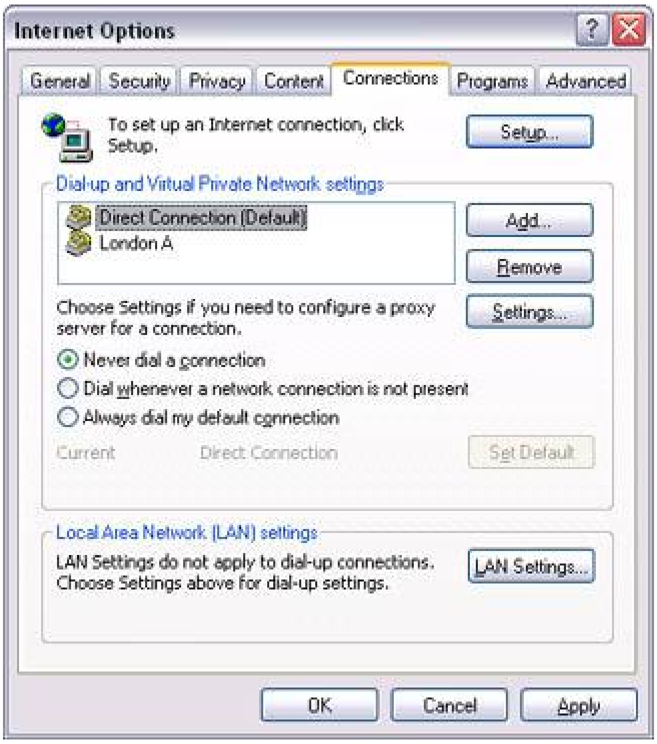
1. **Start Internet Explorer**

2. **Click on [Tools]->[Internet Options...]**



The [Internet Options] window will appear.

3. **Click on the [Connections] tab**



To set up an Internet connection, click Setup.

Dial-up and Virtual Private Network settings

Direct Connection (Default)
London A

Choose Settings if you need to configure a proxy server for a connection.

● Never dial a connection
○ Dial whenever a network connection is not present
○ Always dial my default connection

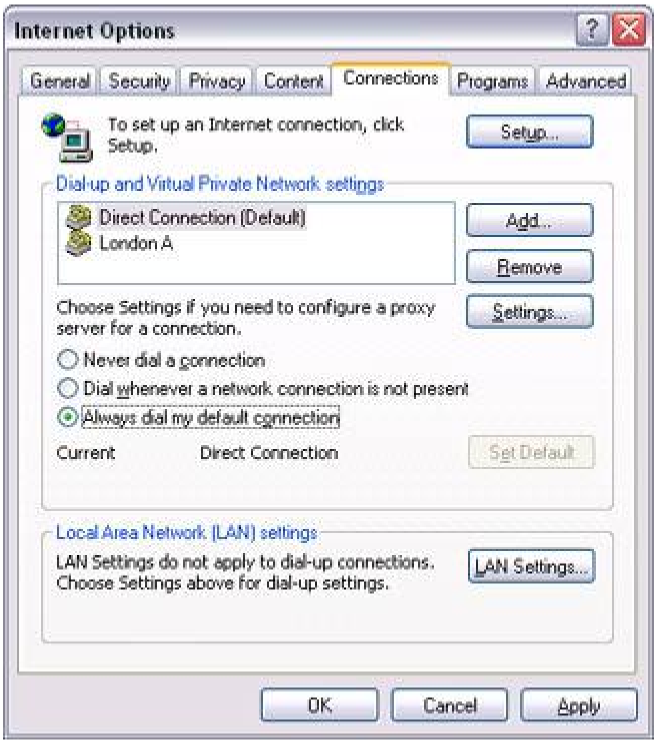
Current Direct Connection

Local Area Network (LAN) settings

LAN Settings do not apply to dial-up connections. Choose Settings above for dial-up settings.

In this window, "Direct Connection" is set as the default, and "Never dial a connection" has been selected.
Change the settings so that "London A" will always be dialled when you connect to the Internet.

4. **Select "Always dial my default connection"**



To set up an Internet connection, click Setup.

Direct Connection (Default)
London A

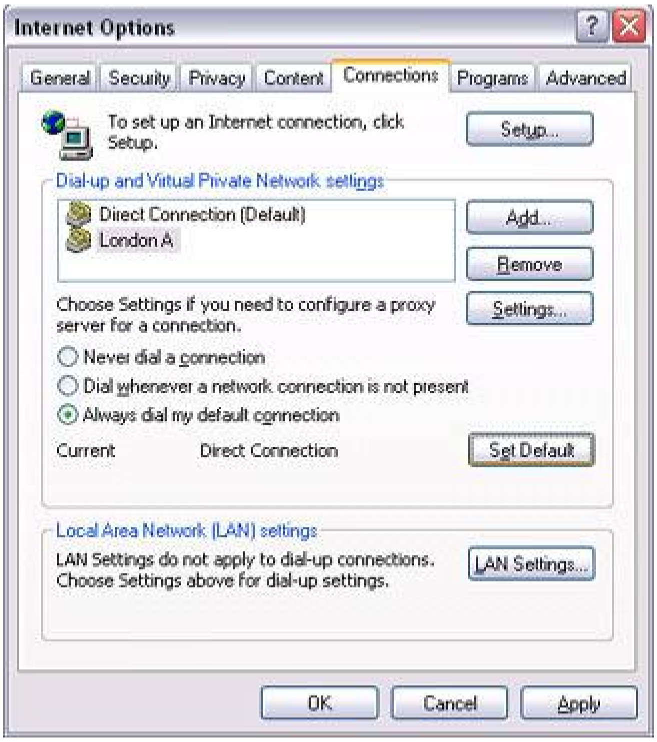
Choose Settings if you need to configure a proxy server for a connection.

○ Never dial a connection
○ Dial whenever a network connection is not present
● Always dial my default connection

Current Direct Connection

LAN Settings do not apply to dial-up connections. Choose Settings above for dial-up settings.

5. **Click on "London A", and then click on the [Set Default] button**



To set up an Internet connection, click Setup.

Direct Connection (Default)
London A

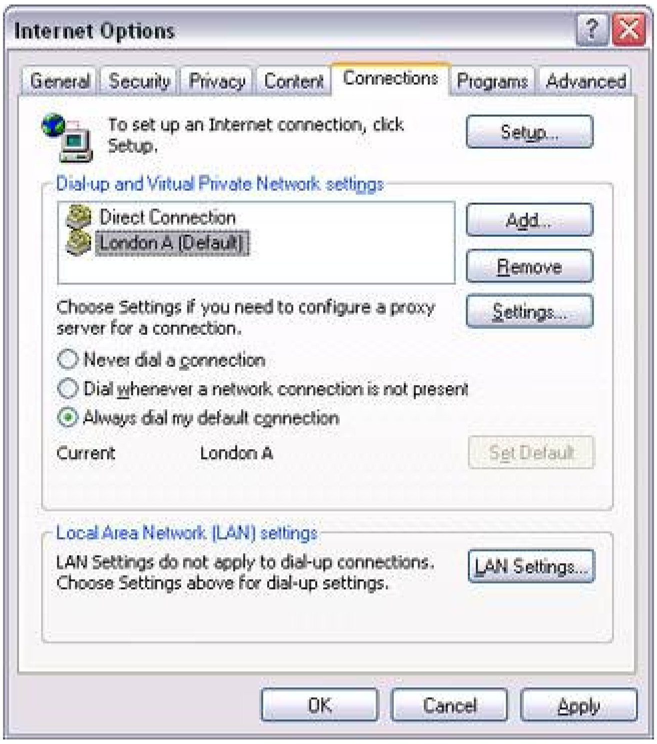
Choose Settings if you need to configure a proxy server for a connection.

○ Never dial a connection
○ Dial whenever a network connection is not present
● Always dial my default connection

Current Direct Connection

LAN Settings do not apply to dial-up connections. Choose Settings above for dial-up settings.

"London A" has been changed to the default connection.



To set up an Internet connection, click Setup.

Direct Connection
London A (Default)

Choose Settings if you need to configure a proxy server for a connection.

○ Never dial a connection
○ Dial whenever a network connection is not present
● Always dial my default connection

Current London A

LAN Settings do not apply to dial-up connections. Choose Settings above for dial-up settings.

Note

- Alternatively, if you wish to connect to the Internet from a LAN in a company or other environment where a LAN can be accessed, select "Never dial a connection" if you have a dial-up configuration, but do not want dial-up to occur automatically.

- When connecting to the Internet via a LAN, you must enter the appropriate LAN settings under [LAN Settings...].

Sending business card data from Outlook

This section describes how to send business card data wirelessly using Microsoft Outlook

Note

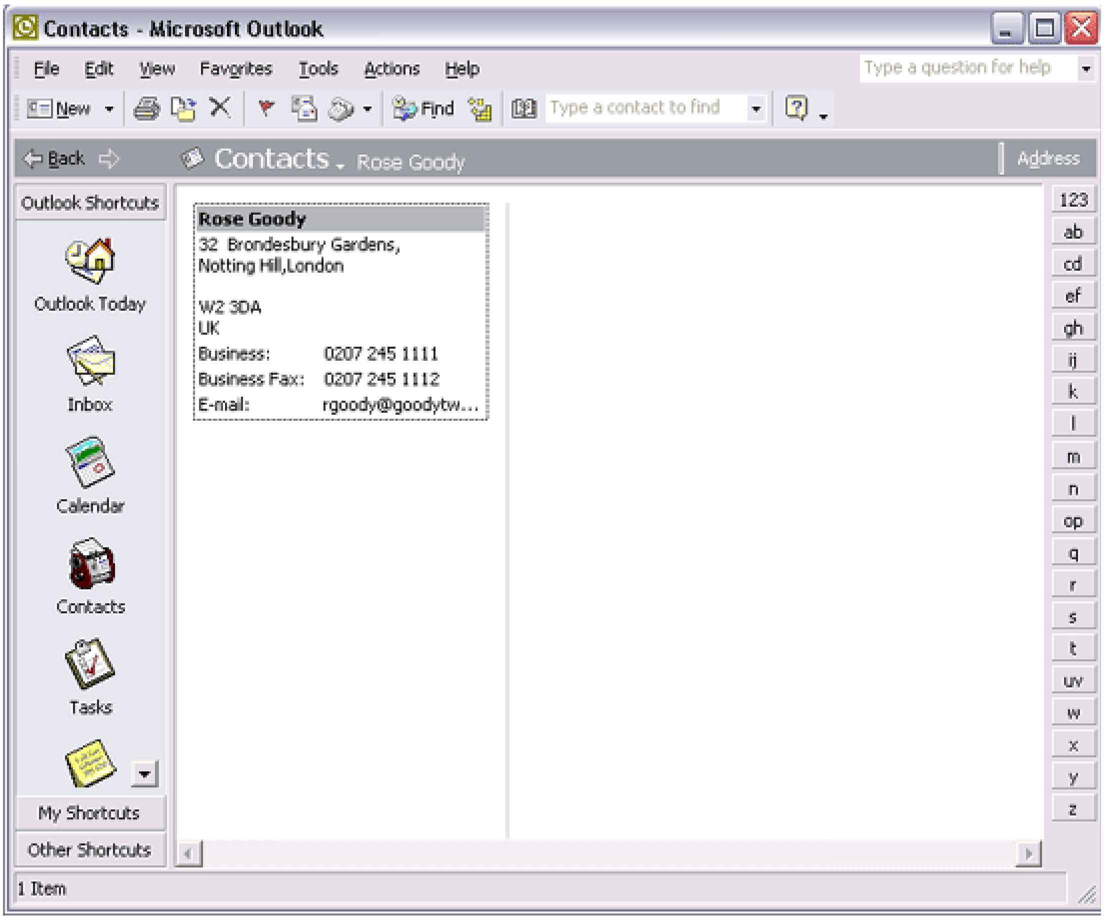
- The explanation below relates to an example in which Microsoft Outlook 2002 has been used to perform the procedure. Subtle differences may arise when using other versions of the software.

Sending business card data

You can send business card data directly from the "Contacts" window in Outlook.

Procedure

1. **Start Microsoft Outlook, and open the "Contacts" window**



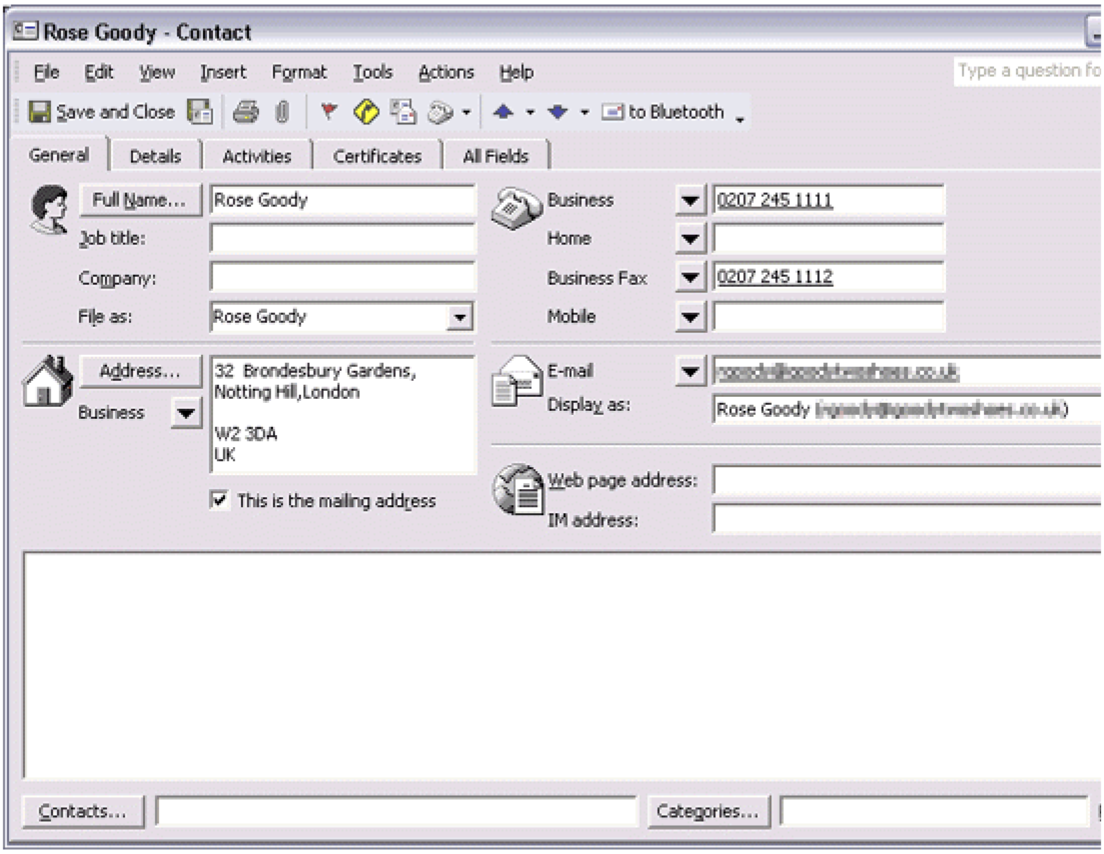
Rose Goody
32 Brondesbury Gardens,
Notting Hill,London

W2 3DA
UK

Business:	0207 245 1111
Business Fax:	0207 245 1112
E-mail:	rgoody@goodytw...

2. **Double-click on the contact whose details you wish to send as a business card**

The details of the contact you selected will appear.



Full Name: Rose Goody

File as: Rose Goody

Business: 0207 245 1111

Business Fax: 0207 245 1112

Address:
32 Brondesbury Gardens,
Notting Hill,London

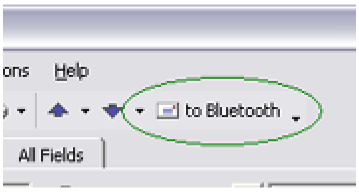
W2 3DA
UK

☑ This is the mailing address

E-mail: [redacted]

Display as: Rose Goody ([redacted])

3. **Click on the [to Bluetooth] from the toolbar**

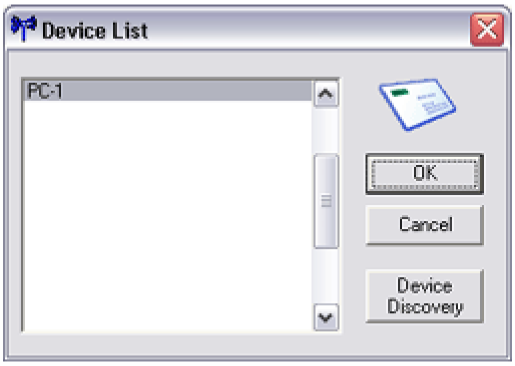


The [Device List] window will appear.

Note

- If the [to Bluetooth] button does not appear on the toolbar, please refer to Installing business card-sending functionality in Outlook as an Add-in" below and change the settings accordingly.

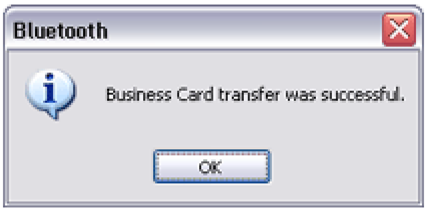
4. **Select the destination for the business card data, and then click on the [Send] button**



Note

- If you cannot find the destination device in the list, please click on the [Searching for devices] button to discover it.

The business card will be sent.
If the business card has been sent successfully, the message below will appear.



Business Card transfer was successful.

Note

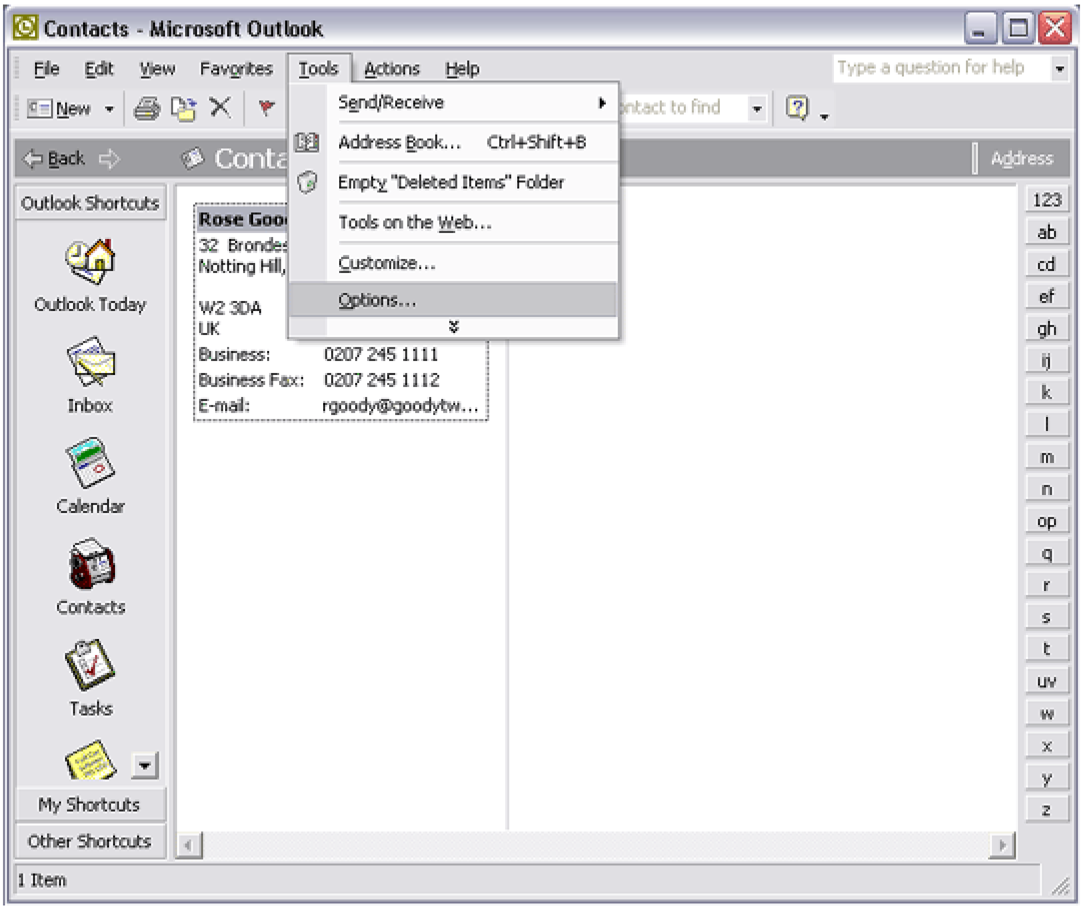
- If the transmission was unsuccessful, please attempt to send the data once more after having confirmed the operating conditions (power status, security settings, etc) of the destination device.

Installing business card-sending functionality in Outlook as an Add-in

You can install one of the functions of the Bluetooth Utility in Outlook as an "Add-in", which will enable you to send business cards from the Outlook toolbar.

Procedure

1. **Click on [Tools]-[Options...] in Outlook**

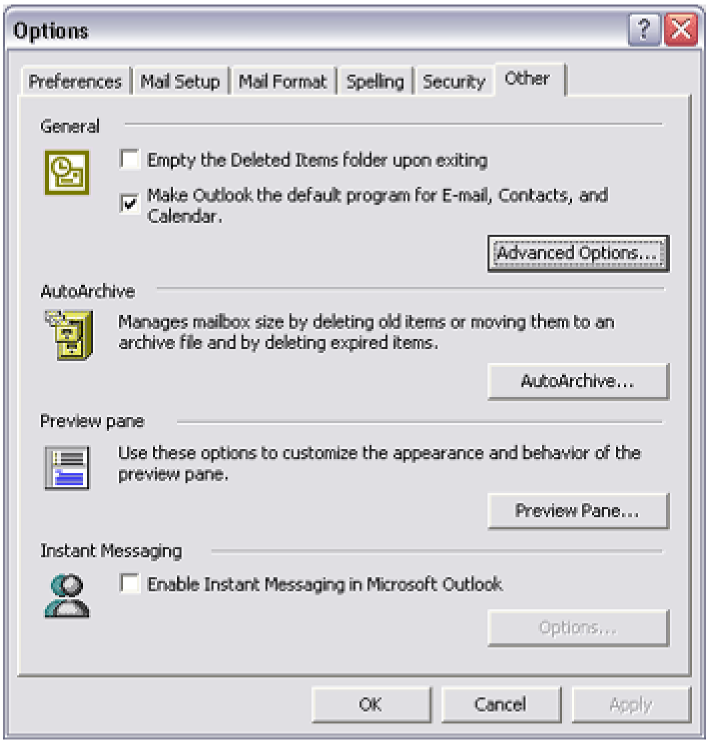


Rose Goo
32 Brondes
Notting Hill,

W2 3DA
UK
Business: 0207 245 1111
Business Fax: 0207 245 1112
E-mail: rgoody@goodytw...

The [Options] dialog box will appear.

2. **Select the [Other] tab, and then click on the [Advanced Options...] button in the "General" field**



☐ Empty the Deleted Items folder upon exiting

☑ Make Outlook the default program for E-mail, Contacts, and Calendar.

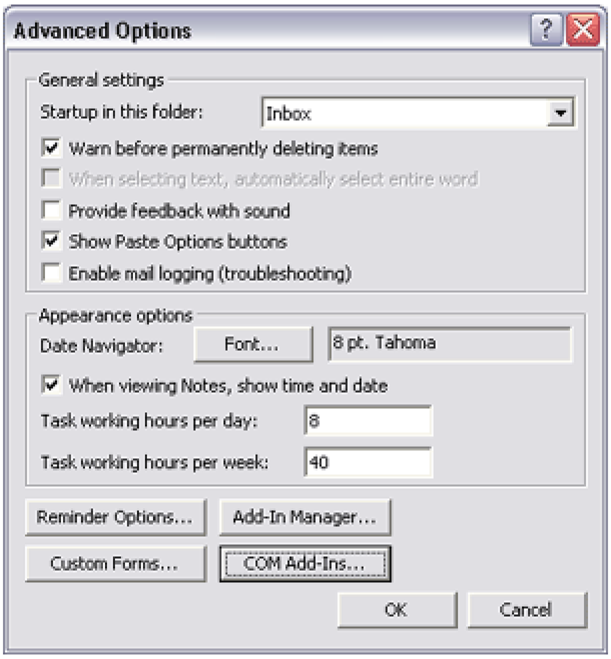
Manages mailbox size by deleting old items or moving them to an archive file and by deleting expired items.

Use these options to customize the appearance and behavior of the preview pane.

☐ Enable Instant Messaging in Microsoft Outlook

The [Advanced Options] dialog box will appear

3. **Click on the [COM Add-Ins...] button**



Startup in this folder: Inbox

☑ Warn before permanently deleting items

☐ When selecting text, automatically select entire word

☐ Provide feedback with sound

☑ Show Paste Options buttons

☐ Enable mail logging (troubleshooting)

Date Navigator: 8 pt. Tahoma

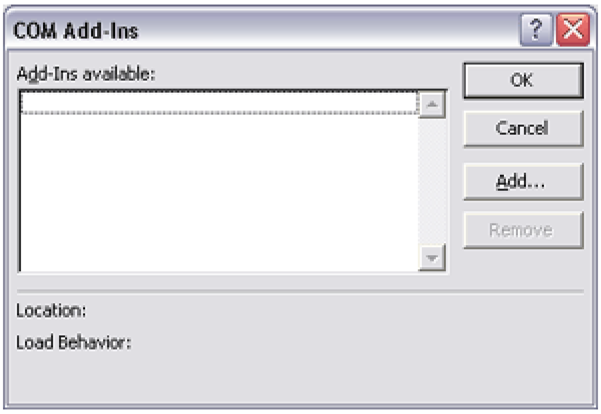
☑ When viewing Notes, show time and date

Task working hours per day: 8

Task working hours per week: 40

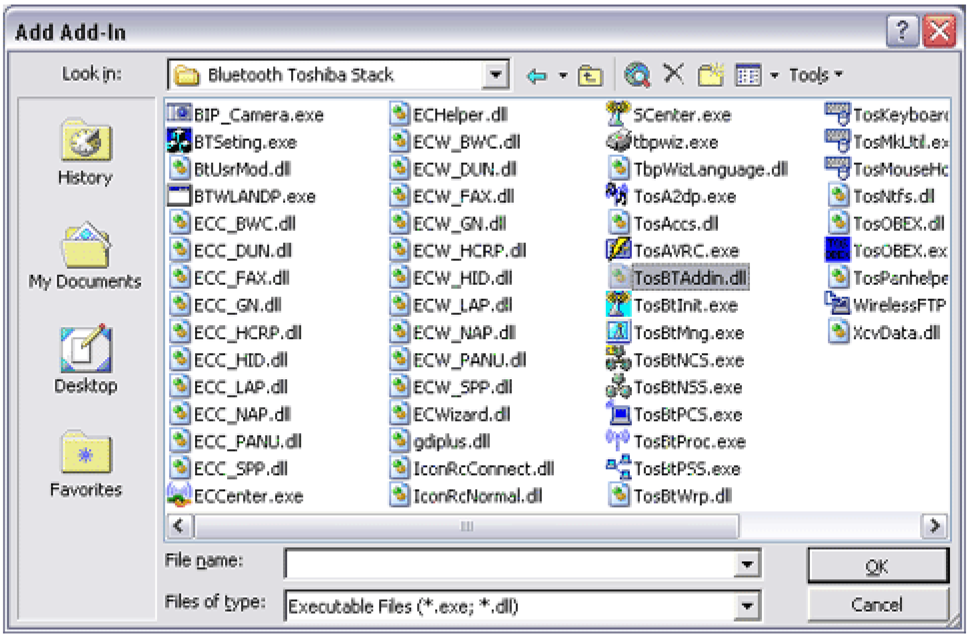
The [COM Add-Ins] dialog box will appear.

4. **Click on the [Add...] button**



The [Add Add-In] dialog box will appear.

5. **Select "TosBTAddin.dll", and then click on the [OK] button**



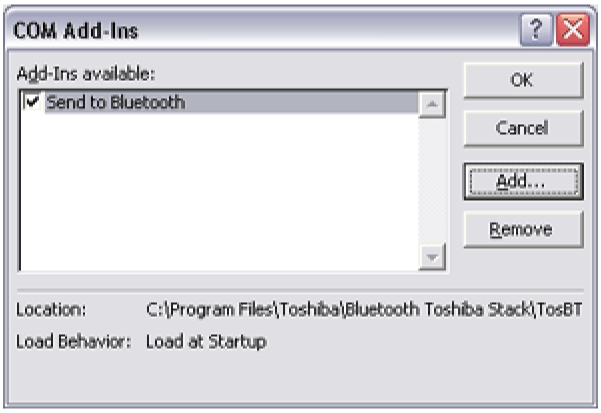
Look in: Bluetooth Toshiba Stack

Files of type: Executable Files (*.exe; *.dll)

Note

- "TosBTAddin.dll" can be found on the hard drive at the address below.
  C:\Program Files\Toshiba\Bluetooth Toshiba Stack

6. **Confirm that "Send to Bluetooth" has been added to the list and that a check appears next to it, and then click on the [OK] button**



☑ Send to Bluetooth

Location: C:\Program Files\Toshiba\Bluetooth Toshiba Stack\TosBT

Load Behavior: Load at Startup

This will complete the Add-in process.

Manually creating a virtual Bluetooth COM port

In order for a PC to connect to and communicate with a Bluetooth device, the Bluetooth Utility will create a gateway for data to be exchanged between the respective devices. This gateway is known as a "port" (or "virtual COM port").

Since one virtual COM port will be allocated to each device, trouble-free communication will still be possible even if several devices are being used.

When you use the Bluetooth Utility, a virtual COM port will be automatically created on set-up; however, virtual COM ports can be created manually if so needed.

Note

- Bluetooth Manager must be active in order for you to be able to use Bluetooth Local COM.

Clients and servers

When Bluetooth communications are performed, there will always be a "client/server" relationship between the various devices. A "client" is a device that sends certain requests to another device, while a "server" is a device that provides a service on receipt of such requests from another device.

For example, when a PC issues a print command to a wireless printer, the PC functions as the client, while the printer functions as the server.
When a PDA or other device attempts to receive files located on a PC by means of file transfer protocol, the PC functions as the server, while the PDA functions as the client.

Virtual Bluetooth COM ports can be created both for clients and servers.

- **Bluetooth virtual COM port for a client**
  Virtual COM port used when your device is the client, and requests are sent to another device.

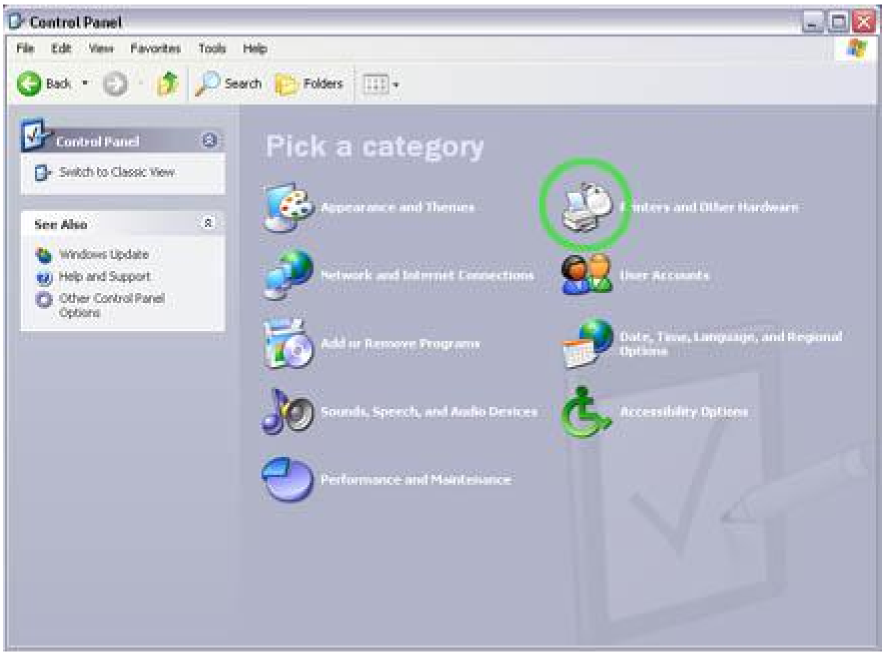
- **Bluetooth virtual COM port for a server**
  Virtual COM port used when your device is the server, and requests are received from another device.

Creating a virtual COM port

Bluetooth virtual COM ports are created according to the procedure below.

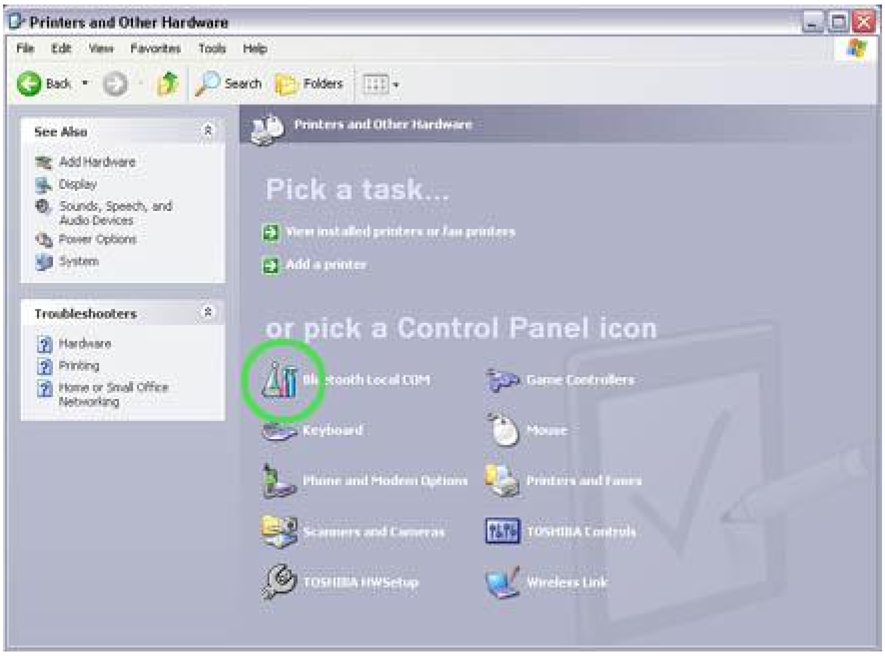
Procedure

1. **Click on the [Printers and Other Hardware] icon in the Control Panel**



   The [Printers and Other Hardware] window appears.

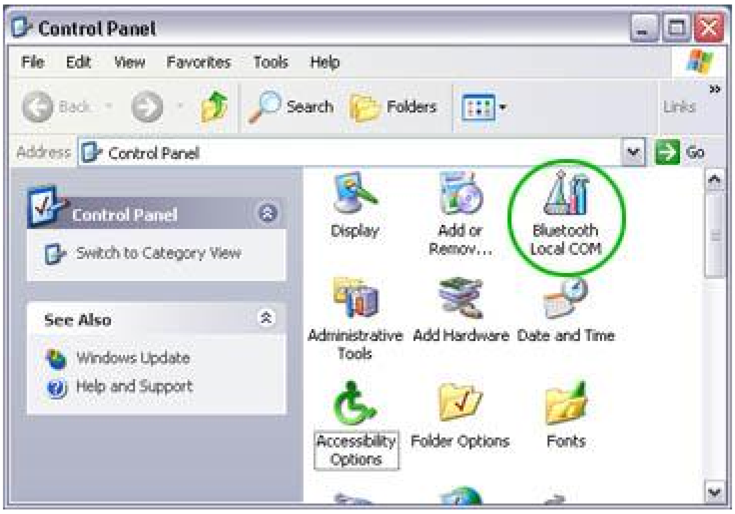
2. **Double-click on the [Bluetooth Local COM] icon**



The main Bluetooth Local COM window will appear.

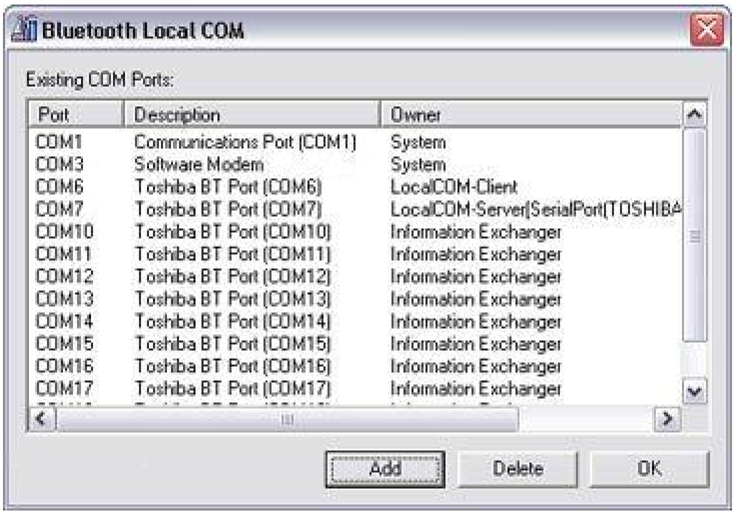
Note

- Even when the Control Panel appears in Classic view, please simply click on the [Bluetooth Local COM] icon.



- No such distinction between viewing formats exists in Windows 2000.

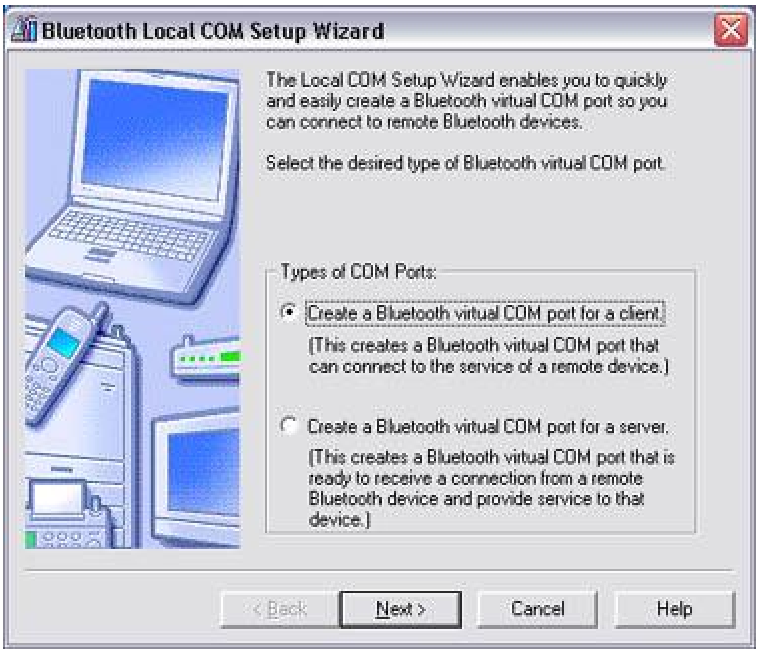
3. **Click on the [Add...] button**



Existing COM Ports:

Port	Description	Owner
COM1	Communications Port (COM1)	System
COM3	Software Modem	System
COM6	Toshiba BT Port (COM6)	LocalCOM-Client
COM7	Toshiba BT Port (COM7)	LocalCOM-Server[SerialPort(TOSHIBA
COM10	Toshiba BT Port (COM10)	Information Exchanger
COM11	Toshiba BT Port (COM11)	Information Exchanger
COM12	Toshiba BT Port (COM12)	Information Exchanger
COM13	Toshiba BT Port (COM13)	Information Exchanger
COM14	Toshiba BT Port (COM14)	Information Exchanger
COM15	Toshiba BT Port (COM15)	Information Exchanger
COM16	Toshiba BT Port (COM16)	Information Exchanger
COM17	Toshiba BT Port (COM17)	Information Exchanger

The [Bluetooth Local COM Wizard] window, from where you can create a virtual COM port, will appear.



The Local COM Setup Wizard enables you to quickly and easily create a Bluetooth virtual COM port so you can connect to remote Bluetooth devices.

Select the desired type of Bluetooth virtual COM port.

Types of COM Ports:

● Create a Bluetooth virtual COM port for a client.
(This creates a Bluetooth virtual COM port that can connect to the service of a remote device.)

○ Create a Bluetooth virtual COM port for a server.
(This creates a Bluetooth virtual COM port that is ready to receive a connection from a remote Bluetooth device and provide service to that device.)

Start from this window when creating Bluetooth virtual COM ports for either servers or clients.

Creating a Bluetooth virtual COM port for a client
Creating a Bluetooth virtual COM port for a server

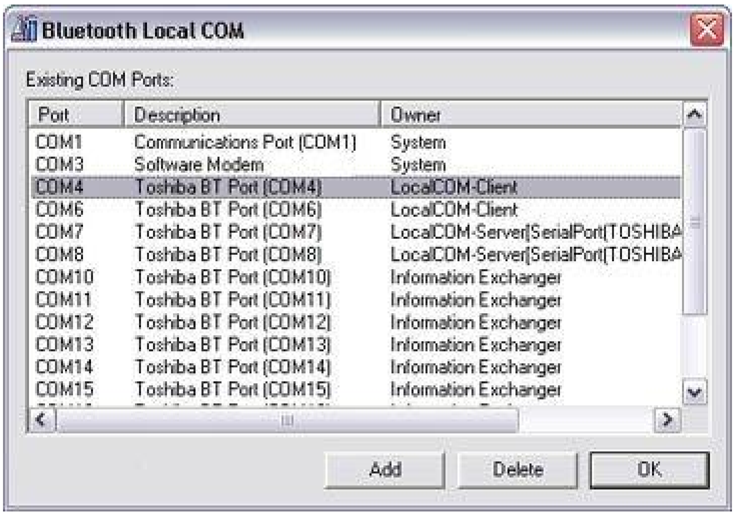
Deleting a virtual COM port

Please follow the procedure below to delete a virtual COM port when it is no longer needed.

Note

- You can only delete virtual COM ports created by the Bluetooth Local COM utility.

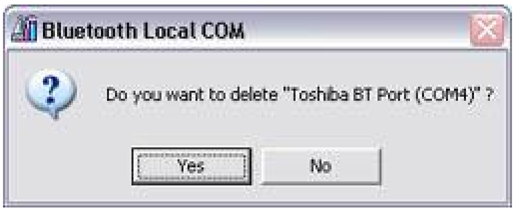
1. **Select the port you wish to delete from the [Bluetooth Local COM] window, and then click on the [Delete] button**



Port	Description	Owner
COM1	Communications Port (COM1)	System
COM3	Software Modem	System
COM4	Toshiba BT Port (COM4)	LocalCOM-Client
COM6	Toshiba BT Port (COM6)	LocalCOM-Client
COM7	Toshiba BT Port (COM7)	LocalCOM-Server[SerialPort(TOSHIBA
COM8	Toshiba BT Port (COM8)	LocalCOM-Server[SerialPort(TOSHIBA
COM10	Toshiba BT Port (COM10)	Information Exchanger
COM11	Toshiba BT Port (COM11)	Information Exchanger
COM12	Toshiba BT Port (COM12)	Information Exchanger
COM13	Toshiba BT Port (COM13)	Information Exchanger
COM14	Toshiba BT Port (COM14)	Information Exchanger
COM15	Toshiba BT Port (COM15)	Information Exchanger

A message will appear asking you to confirm that you wish to delete the port.

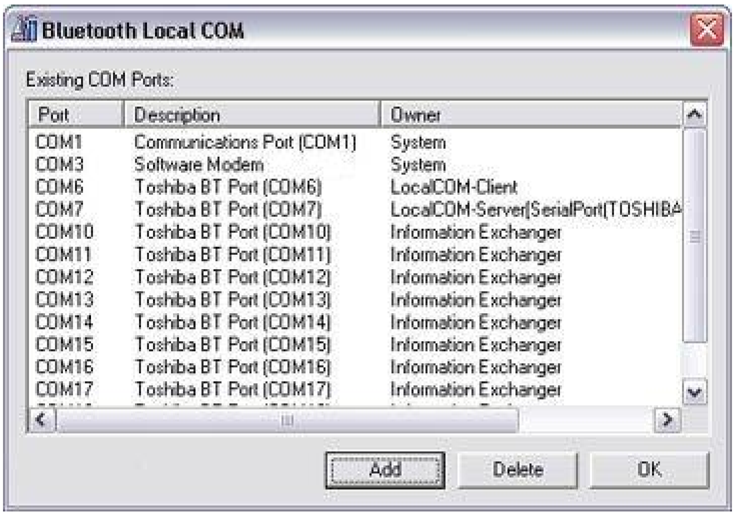
2. **Click on the [Yes] button**



Do you want to delete "Toshiba BT Port (COM4)" ?

The port will be deleted.

3. **Click on the [OK] button**

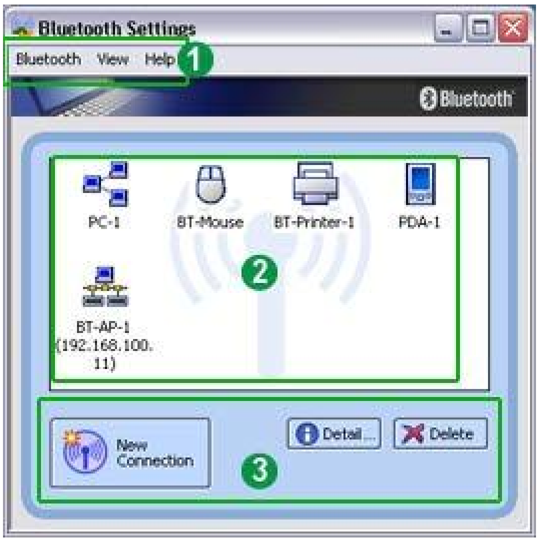


Port	Description	Owner
COM1	Communications Port (COM1)	System
COM3	Software Modem	System
COM6	Toshiba BT Port (COM6)	LocalCOM-Client
COM7	Toshiba BT Port (COM7)	LocalCOM-Server[SerialPort(TOSHIBA
COM10	Toshiba BT Port (COM10)	Information Exchanger
COM11	Toshiba BT Port (COM11)	Information Exchanger
COM12	Toshiba BT Port (COM12)	Information Exchanger
COM13	Toshiba BT Port (COM13)	Information Exchanger
COM14	Toshiba BT Port (COM14)	Information Exchanger
COM15	Toshiba BT Port (COM15)	Information Exchanger
COM16	Toshiba BT Port (COM16)	Information Exchanger
COM17	Toshiba BT Port (COM17)	Information Exchanger

Bluetooth Settings

This section provides detailed information on the [Bluetooth Settings] window.

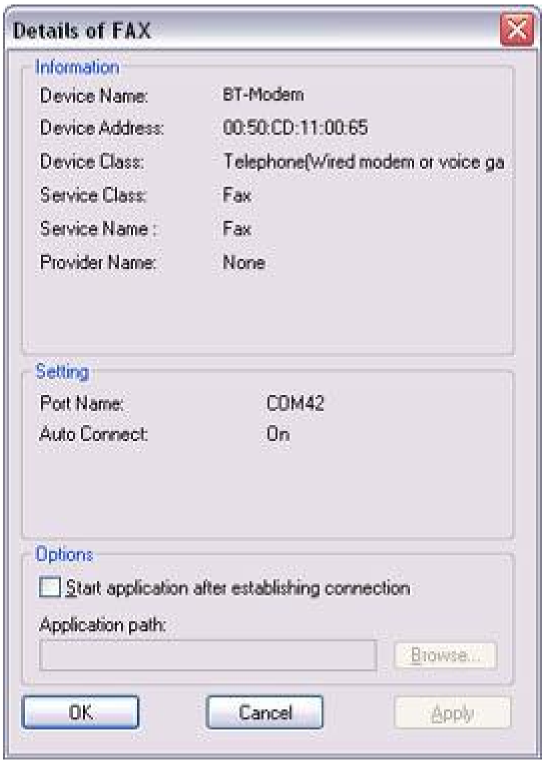
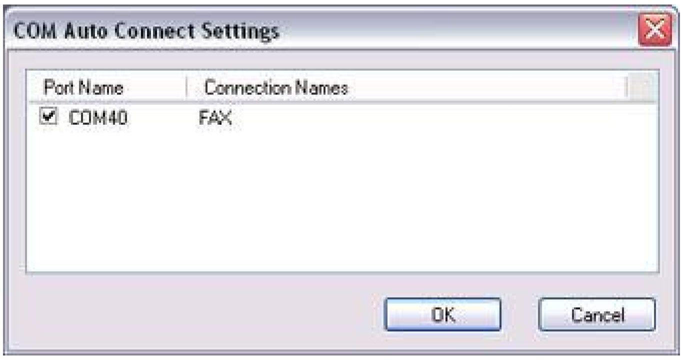
Main window

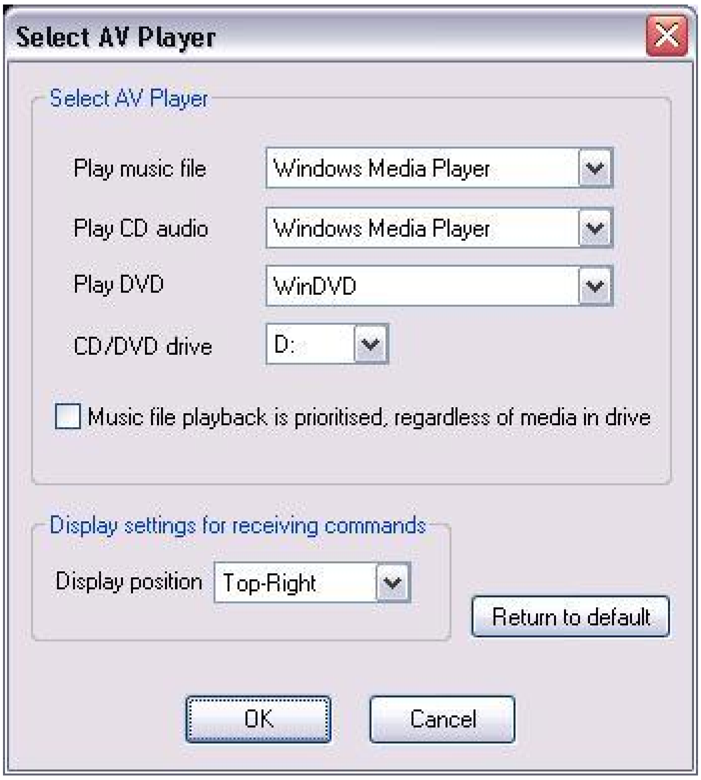


① Menu

[Bluetooth] menu

Category	Description
Add New Connection	Opens the [Add New Connection Wizard] window, and then searches for new devices.
Connect	Connects to selected device.
Disconnect	Disconnects from selected device.
Details	Displays detailed information about selected device.

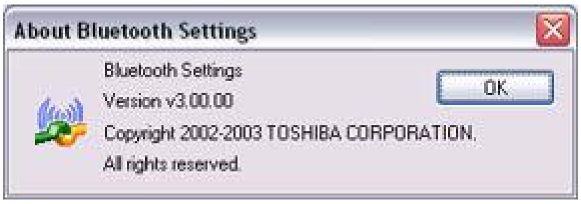
	 Details of FAX Information Device Name: BT-Modem Device Address: 00:50:CD:11:00:65 Device Class: Telephone(Wired modem or voice ga Service Class: Fax Service Name : Fax Provider Name: None Setting Port Name: COM42 Auto Connect: On Options ☐ Start application after establishing connection Application path:
Delete	Deletes selected device.
Create shortcut on Desktop	Creates a shortcut icon for the selected device on the Desktop.
Rename	Changes the name of the device you have selected.
Change Icon	Changes the icon of the device you have selected.
COM Auto Connect Settings	Opens the [COM Auto Connect Settings] window, and allows you to enable/disable Auto Connect. Displays the device connection name and port used. Check the box to enable Auto Connect, and remove the check to disable Auto Connect. You will need to connect manually to use a device in the latter case.  COM Auto Connect Settings Port Name Connection Names ☑ COM40 FAX
AV player selection	Opens [Select AV Payer] window, and allows you to select the application to be used when you want to play sound files or CDs.

	 Select AV Player Play music file: Windows Media Player Play CD audio: Windows Media Player Play DVD: WinDVD CD/DVD drive: D: ☐ Music file playback is prioritised, regardless of media in drive Display settings for receiving commands Display position: Top-Right
Exit	Closes the [Bluetooth Settings] window.

[View] menu

Category	Description
Large icons	Changes the way icons are displayed on a device.
Small icons	
List	
Details	

[Help] menu

Category	Description
Help	Opens the Bluetooth Utility User Guide.
Version	Displays the version information for Bluetooth Settings.  About Bluetooth Settings Bluetooth Settings Version v3.00.00 Copyright 2002-2003 TOSHIBA CORPORATION. All rights reserved.

② Device List

Displays a list of devices that have been registered in [Bluetooth Settings].

③Function buttons

Category	Description
New Connection	Opens [Add New Connection Wizard] window.
Details...	Shows details of selected device.
Delete	Deletes selected device.

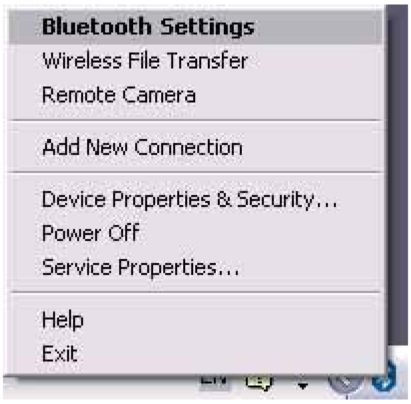
One-touch connection to Bluetooth devices

Creating a Shortcut

If you have created a shortcut icon on the Desktop, you can easily establish a connection to a device that has been registered using Bluetooth Settings without having to open the Bluetooth Settings window.

Procedure

1. **Right-click on Bluetooth icon in task tray and click on [Bluetooth Settings]**

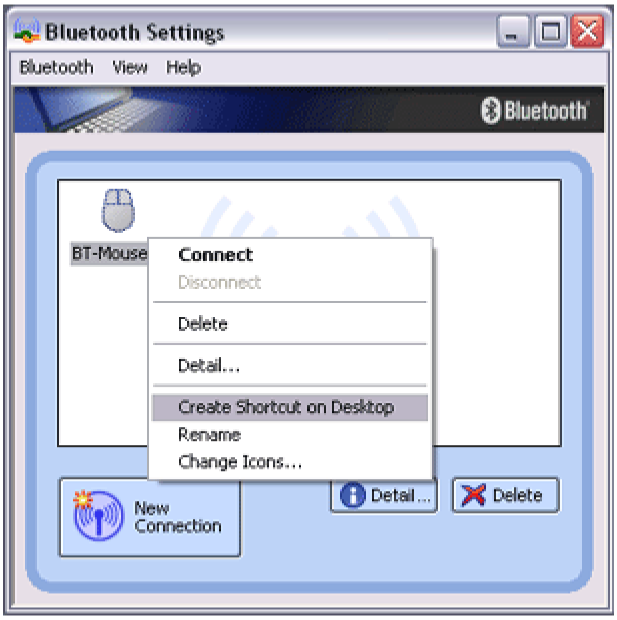


Note

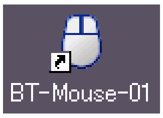
- Alternatively, you can click [Start]->[All Programs]->[Bluetooth]->[Bluetooth Settings].

The [Bluetooth Settings] screen will appear, from where you can create a Shortcut entitled "Bluetooth Mouse."

2. **Right-click on the [BT-Mouse-01] icon, and then click on [Create Shortcut on Desktop]**



A shortcut icon entitled "BT-Mouse-01" will appear on the Desktop.

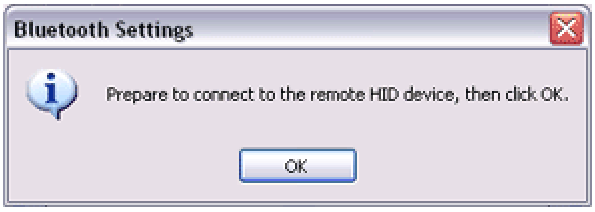


Establishing a connection from the Shortcut

1. **Double-click on the "BT-Mouse-01" icon from the Desktop**

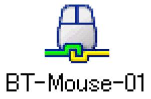
   The [Bluetooth Settings] window will open.

2. **Turn on the mouse, set it to Bluetooth-connectable mode, and then click on the [OK] button in the [Bluetooth Settings] window.**



Prepare to connect to the remote HID device, then click OK.

The mouse will be connected.



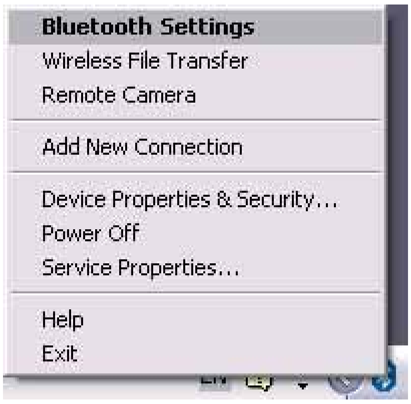
Manually connecting to a Bluetooth device

After a keyboard or mouse (HID profile), printer (HCRP or SPP profiles), or other device has been set up for the first time, subsequent connections will be automatically restored whenever you operate the device, print out a document from the PC, or perform another similar activity.

Should the connection not have been properly restored, please establish a manual connection to the device using the procedure below.

Procedure

1. **Right-click on Bluetooth icon in task tray and click on [Bluetooth Settings]**

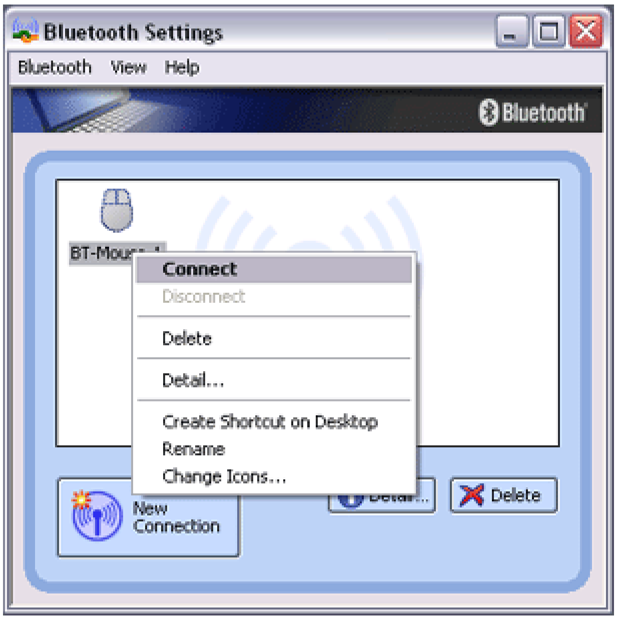


Note

- Alternatively, click [Start]->[All Programs]->[Bluetooth]->[Bluetooth Settings].

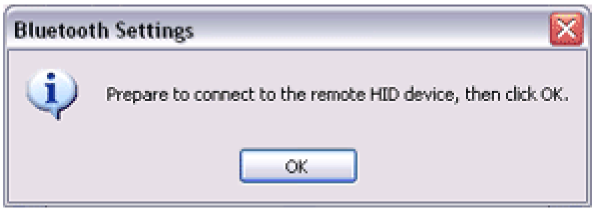
The [Bluetooth Settings] screen will appear, from where you can create a Shortcut entitled "BT Mouse."

2. **Right-click on the [BT-Mouse-01] icon, and then click on the [Connect] button**



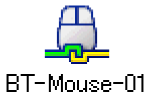
The [Bluetooth Settings] window will open.

3. **Turn on the mouse, enable Bluetooth-connection mode, and click on the [OK] button in the [Bluetooth Settings] window.**



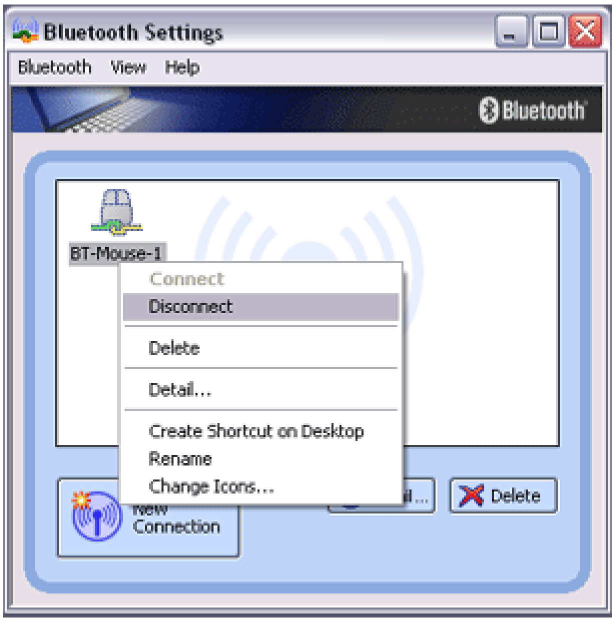
Prepare to connect to the remote HID device, then click OK.

The mouse will be connected.

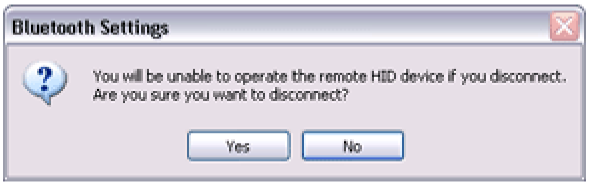


Note

- If you wish to manually disconnect a device, right-click on its icon and click [Disconnect].



When the following message appears, click on the [Yes] button.



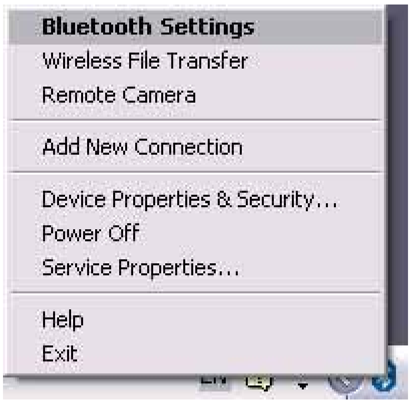
You will be unable to operate the remote HID device if you disconnect. Are you sure you want to disconnect?

Changing a connection icon

You can change a device icon that has been registered on the Bluetooth Settings screen.

Procedure

1. **Right-click on the Bluetooth icon in the task tray, and then click on [Bluetooth Settings]**

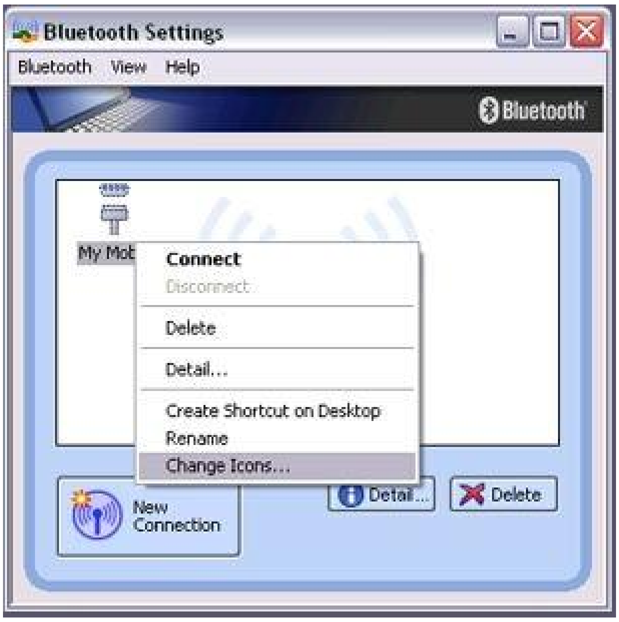


Note

- Alternatively, click [Start]->[All Programs]->[Bluetooth]->[Bluetooth Settings].

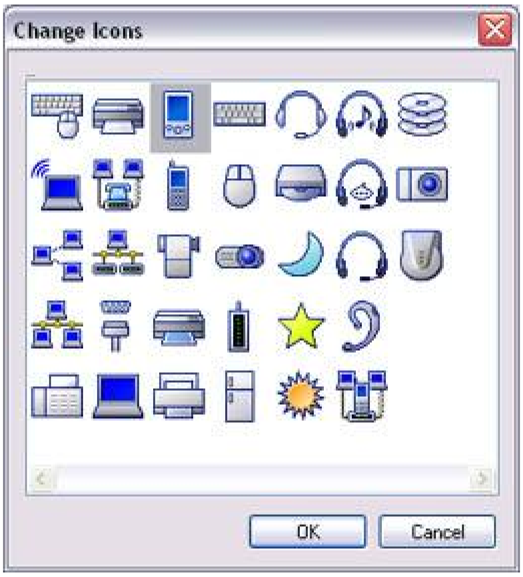
The [Bluetooth Settings] window will appear. Now try to change the icon for "My Mobile."

2. **Right-click on the "My Mobile" icon, and then click on [Change Icon]**

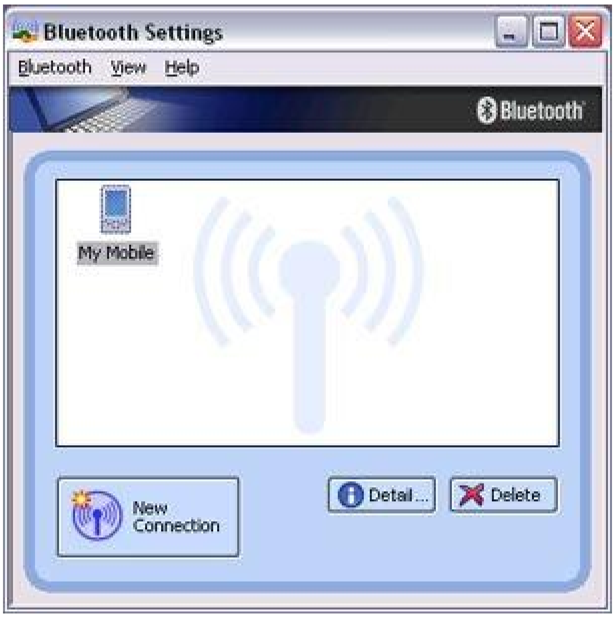


A list of available icons will appear.

3. **Select the 📱 icon, and then click on the [OK] button**



The new icon will appear.

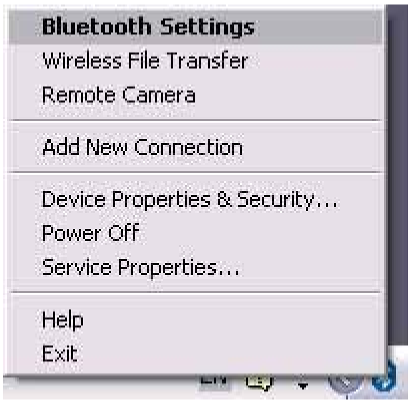


Changing a connection icon name

You can change a the name of a device icon that has been registered on the Bluetooth Settings screen.

Procedure

1. **Right-click on the Bluetooth icon in the task tray, and then click on [Bluetooth Settings]**

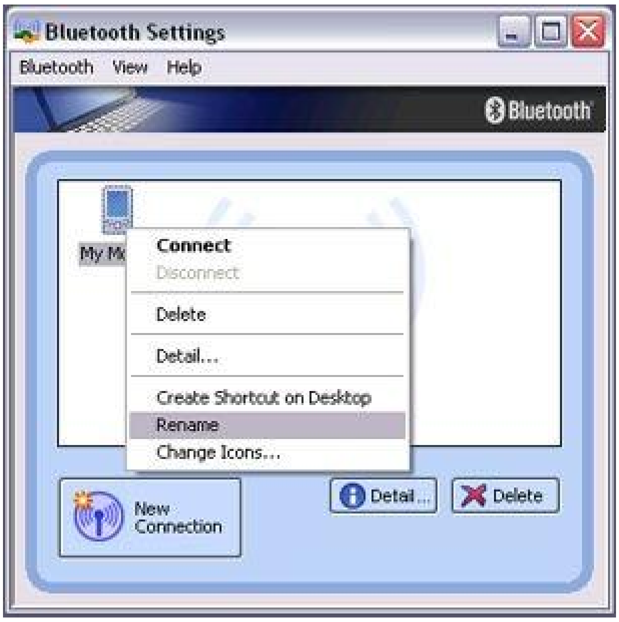


Note

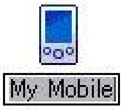
- Alternatively, click [Start]->[All Programs]->[Bluetooth]->[Bluetooth Settings].

The [Bluetooth Settings] window will appear. Now try to change the connection name for "My Mobile" to "Pocket PC."

2. **Right-click on "My Mobile", and then click on [Change Name]**

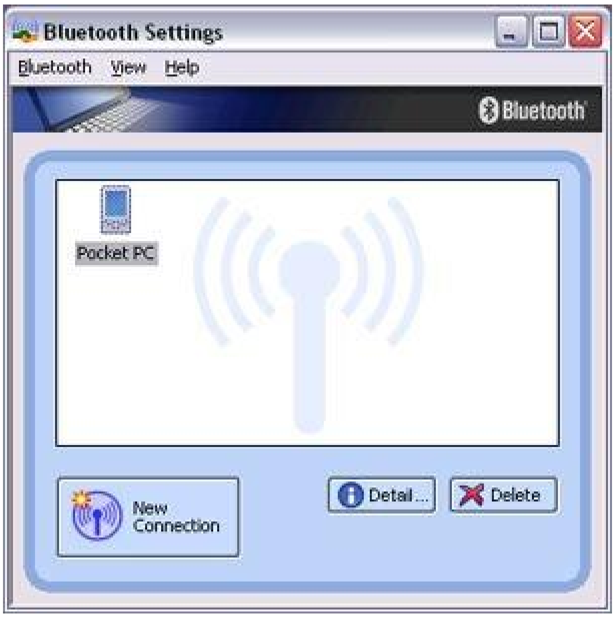


You will now be able to enter a name.



3. Enter "Pocket PC", and then hit the [Enter] key

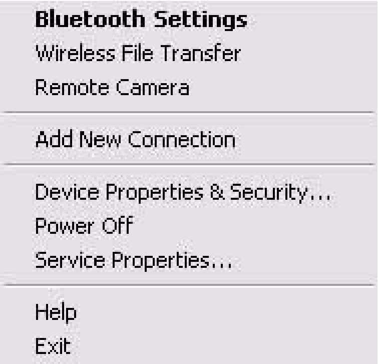
The new name will appear.



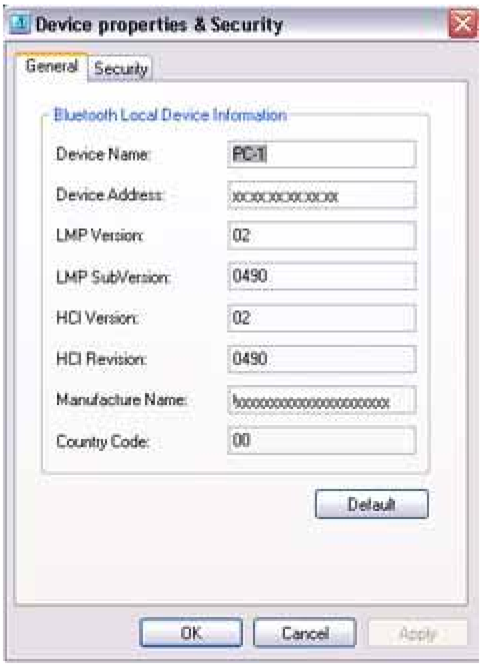
Bluetooth Manager

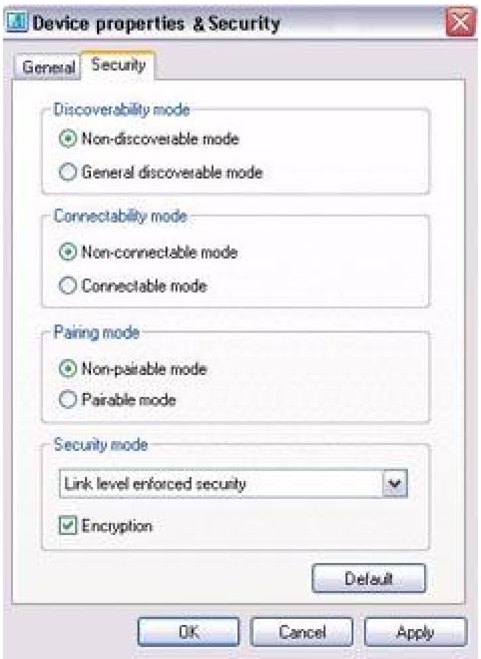
This section provides detailed information on the settings categories in Bluetooth Manager.

Main menu



Category	Description
Bluetooth Settings	Opens [Bluetooth Settings] window.

Wireless File Transfer	Open the [Wireless File Transfer] window.
Remote Camera	Open the [Remote Camera] window.
Add New Connection	Opens the [Add New Connection Wizard] window.
Device Properties&Security	Displays Bluetooth device information on your PC. **[General] tab** Allows you to confirm the name, address and other settings displayed for other devices.  Device properties & Security General Security Bluetooth Local Device Information Default OK Cancel Apply Device Name: PC-1 Device Address: xxxxxxxxxxxx LMP Version: 02 LMP SubVersion: 0490 HCI Version: 02 HCI Revision: 0490 Manufacture Name: xxxxxxxxxxxxxxxxxxxxx Country Code: 00 Note - [Device Name] is the only category able to be changed. If you wish to change the name of a device, enter the new name, and then click on the [OK] or [Apply] button. - Click on the [Default] button to restore the initial settings. **[Security] tab** Security-related (user) settings can be configured under this tab.



Discoverability mode
● Non-discoverable mode
○ General discoverable mode

Connectability mode
● Non-connectable mode
○ Connectable mode

Pairing mode
● Non-pairable mode
○ Pairable mode

Security mode
Link level enforced security
☑ Encryption

Note

- Click on the [Default] button to restore the initial settings.

Category		Description
Discoverability mode	Non-discoverable mode	Other devices will not be able to detect yours.
	Discoverable mode	Other devices will be able to detect yours.
Connectability mode	Non-connectable mode	Other devices will not be able to connect to yours.[1]
	Connectable mode	Other devices will be able to connect to yours.
Pairing mode	Non-pairable mode[2]	You will not receive pairing requests initiated from remote devices.
	Pairable mode	You will receive pairing requests initiated from remote devices.
Security mode	Non-secure mode	No security will be enforced.
	Link Level Security Enforced[3]	Requires Bluetooth passkey (PIN code) to be entered on connection with another

<table>
<tr><td></td><td>
<table>
<tr><td></td><td></td><td>device.</td></tr>
<tr><td></td><td>Encryption</td><td>Encrypts data to be transmitted.</td></tr>
</table>

1) Selecting Non-connectable mode will cause connection requests to be rejected from any device, including registered ones. Device detection will still be possible.

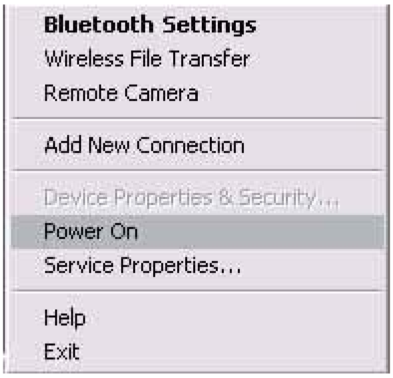
2) Selecting Non-pairable mode will make it impossible to bond with another device in a new connection relationship. Connection will be possible when a request has been received from a registered device. Device detection will still be possible.

3) Devices to which you have initially connected by entering a PIN code will not require you to do so for future connections. Connection will still be possible even if Link Level Security has been selected.
</td></tr>
<tr><td>Power off</td><td>
Turns off Bluetooth

(Turned off)

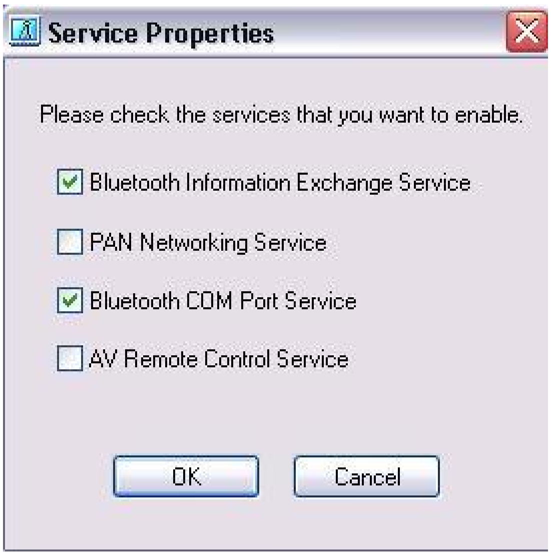
Important

- Communication using Bluetooth will be impossible once it has been turned off. When you next wish to use Bluetooth, please right-click on the Bluetooth icon in the task tray, and then click on [Power ON].



(Turned on)
</td></tr>
<tr><td>Service Properties</td><td>
Ensures security against various kinds of access from remote devices.

Here you can enable or disable the following four typical services that are accessed remotely.
</td></tr>
</table>

<table>
<tr><td></td><td>


Service Properties

Please check the services that you want to enable.

☑ Bluetooth Information Exchange Service

☐ PAN Networking Service

☑ Bluetooth COM Port Service

☐ AV Remote Control Service

Note

- This function is designed to provide robust security against access from remote devices. The "enable/disable" controls only relate to access made from remote devices. You will still be able to access remote devices from your local device, regardless of the individual settings.
- Remove the tick from each button to disable the related (server) function.

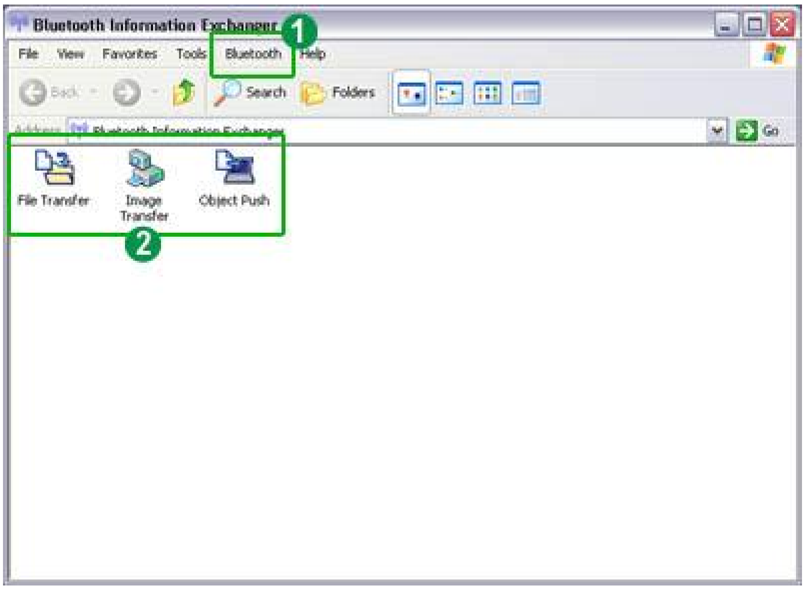
<table>
<tr><th>Category</th><th>Description</th></tr>
<tr><td>Bluetooth Information Exchange Service</td><td>Ticking the box enables a (server) function that allows files, images, and business cards to be transferred from a remote device using Bluetooth Information Exchanger.</td></tr>
<tr><td>PAN Networking Service</td><td>Ticking the box enables a (server) function that allows networking to be performed from a remote device using the PAN Networking Service.</td></tr>
<tr><td>Bluetooth COM Port Service</td><td>Ticking the box enables a (server) function that allows COM Service to be performed from a remote location using the Serial Port Service.</td></tr>
<tr><td>AV Remote Control Service</td><td>Ticking the box enables a (server) function that allows remote control to be performed from a remote device using the AV Remote Control Service.</td></tr>
</table>
</td></tr>
<tr><td>Help</td><td>Displays the Bluetooth Utility User Guide.</td></tr>
</table>

Exit	Exits Bluetooth Manager. Important • When you exit Bluetooth Manager, Bluetooth communications will be disabled. When you next wish to use Bluetooth, please click on [Start]->[All Programs]->[Bluetooth]->[Bluetooth Settings] (in Windows 2000, click on [Start]->[Programs]->[Bluetooth]->[Bluetooth Settings]).

Bluetooth Information Exchanger

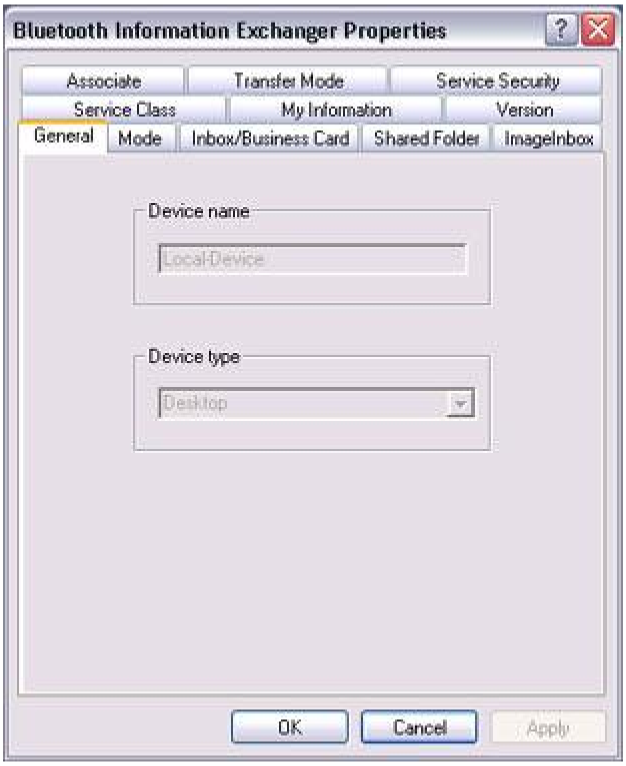
This section provides detailed information on the settings categories in Bluetooth Information Exchanger.

Main window



①Bluetooth menu

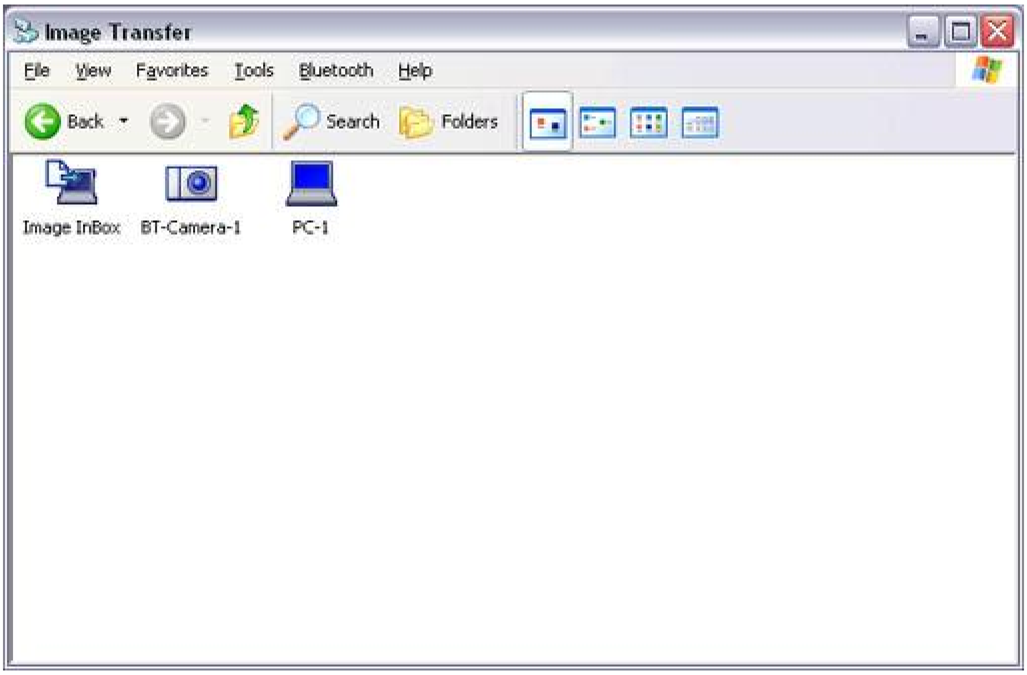
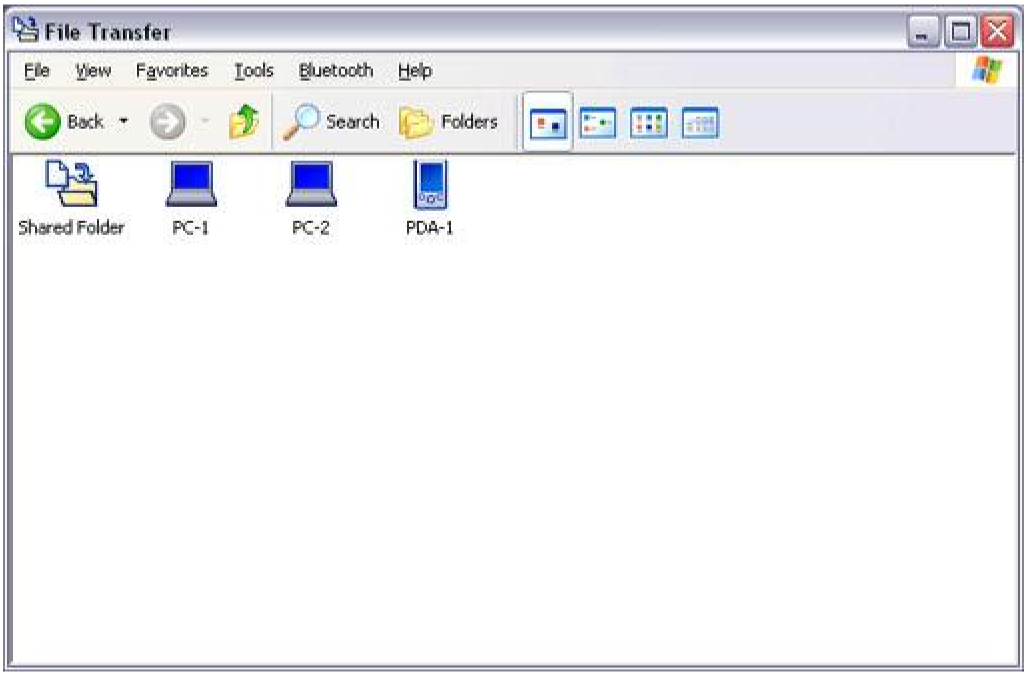
Category	Description
Device Discovery	Detects Bluetooth devices.
Configuration	Allows detailed setting of categories related to Bluetooth Information Exchanger.

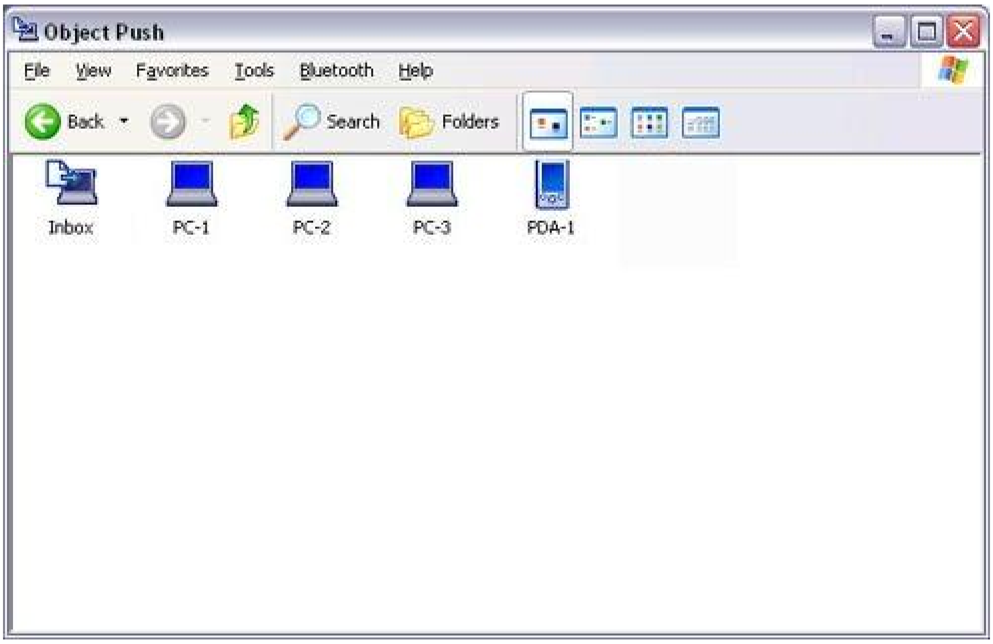
	 Bluetooth Information Exchanger Properties Associate Transfer Mode Service Security Service Class My Information Version General Mode Inbox/Business Card Shared Folder ImageInbox OK Cancel Apply Device name: Local-Device Device type: Desktop -[General] tab -[Mode] tab -[Inbox/Business Card] tab -[Shared folder] tab -[Image box] tab -[Associate] tab -[Transfer mode] tab -[Service security] tab -[Service class] tab -[Information] tab -[Version] tab
Help	Displays Bluetooth Utility User Guide.

❷ Data exchange folders

Three folders are available for data exchange: "Image transfer", "File transfer" and "Object Push".

Category	Description
Image Transfer	Click on the icon to display a list of devices. "Image box" is a folder on your PC used for transferring images.

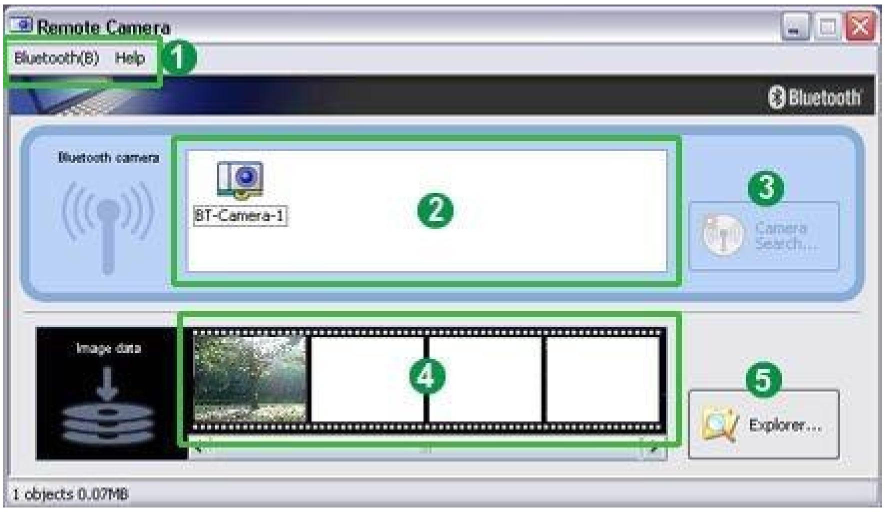
	 Image Transfer File View Favorites Tools Bluetooth Help Back Search Folders Image InBox BT-Camera-1 PC-1
File Transfer	Click on the icon to display a list of devices. "Shared folder" is a shared folder on your PC used for transferring files.  File Transfer File View Favorites Tools Bluetooth Help Back Search Folders Shared Folder PC-1 PC-2 PDA-1
Object Push	Click on the icon to display a list of devices. "Inbox" is a folder on your PC used for exchanging business cards.

Remote Camera

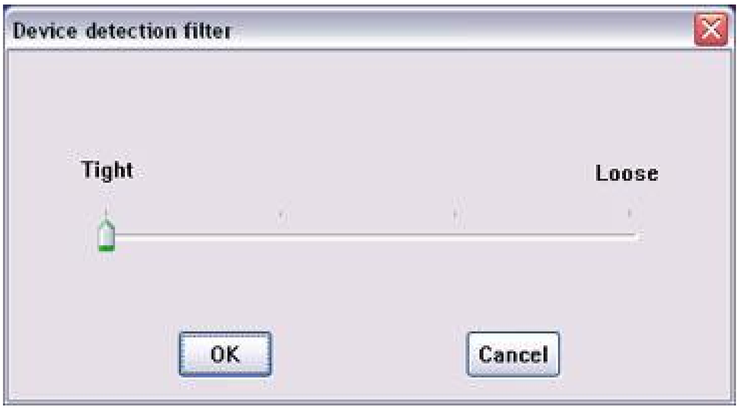
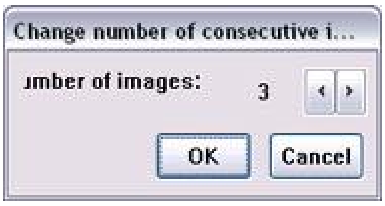
This section provides detailed information on the settings categories in Remote Camera.

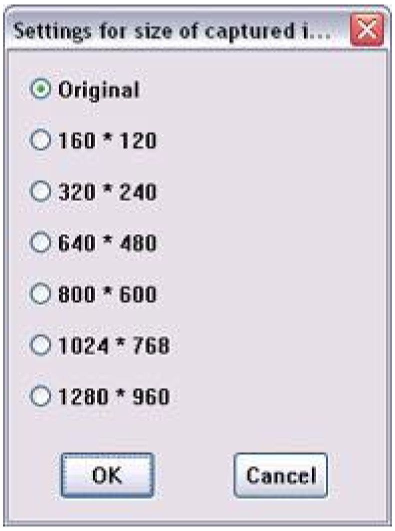
Main window



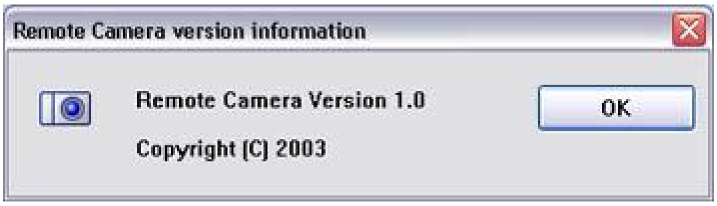
① Menu

[Bluetooth] menu

Category	Description
Device Search	Searches for remote cameras.
Properties	**[Filter for Search Devices]**  The program may discover devices other than digital cameras, depending on which profiles are supported by those devices. Adjusting the setting to "Loose filtering" will increase the likelihood that devices other than those intended will be detected. The further you slide the setting towards "Tight filtering", the stricter will be the criteria determining device detection, and the lower the likelihood will be that irrelevant devices will be included. Please adjust the filtration level according to the results of the search. **[Multi Shot]** Allows you to set the number of consecutive images captured by your digital camera in the dialog box below (between 2 and 16 inclusive).  Change number of consecutive i... ımber of images: 3

	[Pixel Size] Images will be sent to your PC after having been automatically converted to the size specified in the dialog box below, regardless of the size of the original image data.  ● Original ○ 160 * 120 ○ 320 * 240 ○ 640 * 480 ○ 800 * 600 ○ 1024 * 768 ○ 1280 * 960 **[Inbox settings]** Opens the "Browse folders..." dialog box and allows you to select the folder where you would like your captured images to be saved.
Exit	Exits Remote Camera.

[Help] menu

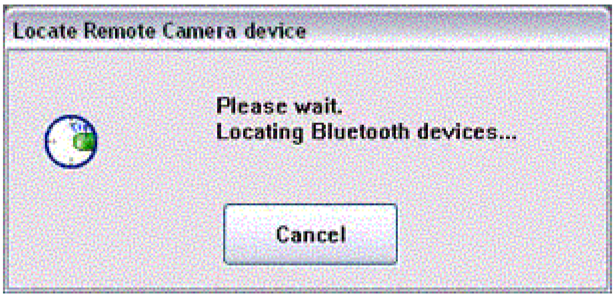
Category	Description
Image monitor version information	Displays version information for the image monitor.  Remote Camera Version 1.0 Copyright (C) 2003

② List of cameras

A list of cameras that have been registered as remote cameras will be displayed.

③ [Camera Search...] button

Clicking on this button will execute a search for remote cameras.



Locate Remote Camera device

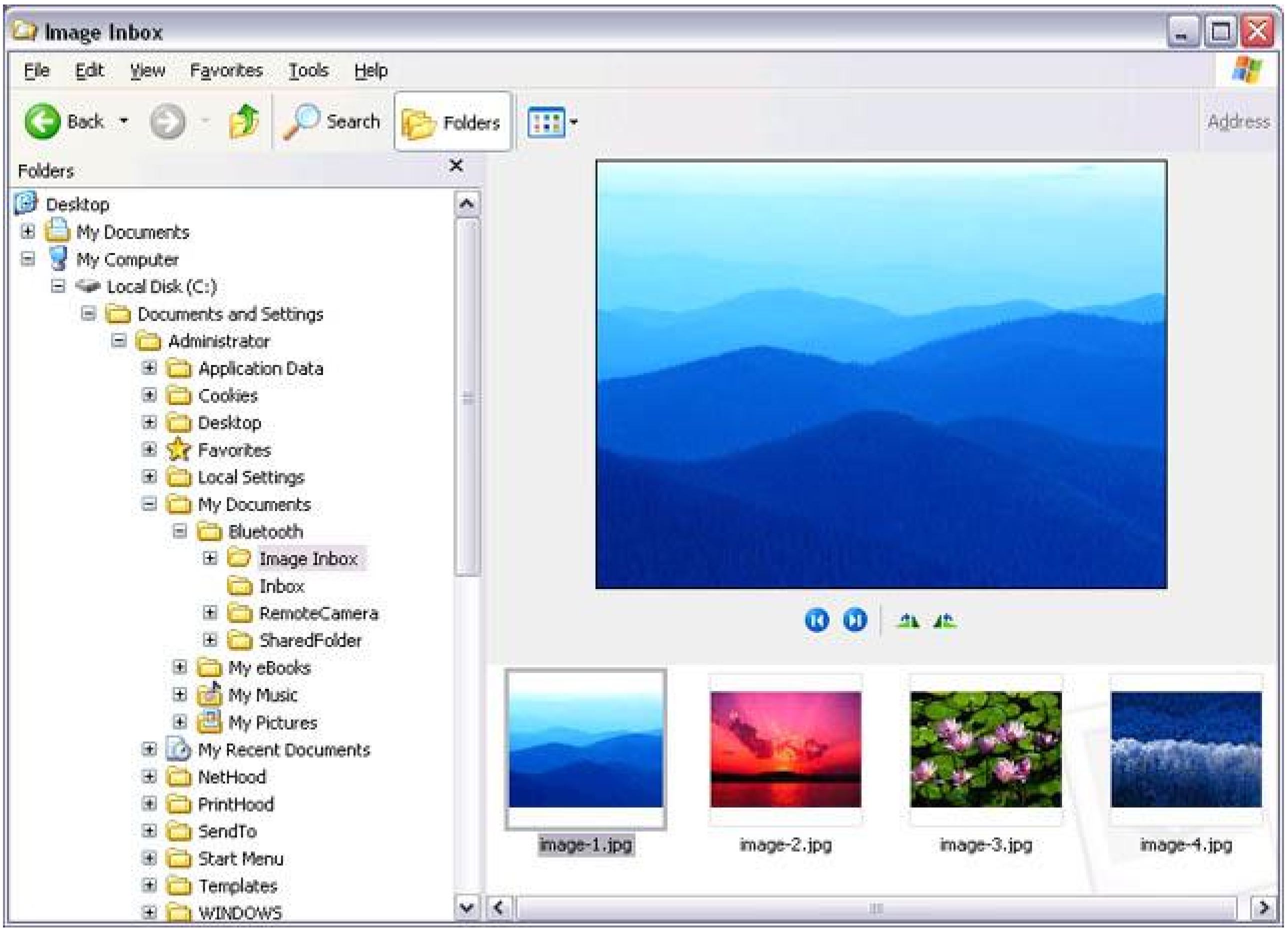
Please wait.
Locating Bluetooth devices...

④ Display images

Images transferred to the PC from a remote camera will be displayed.

⑤ [Explorer...] button

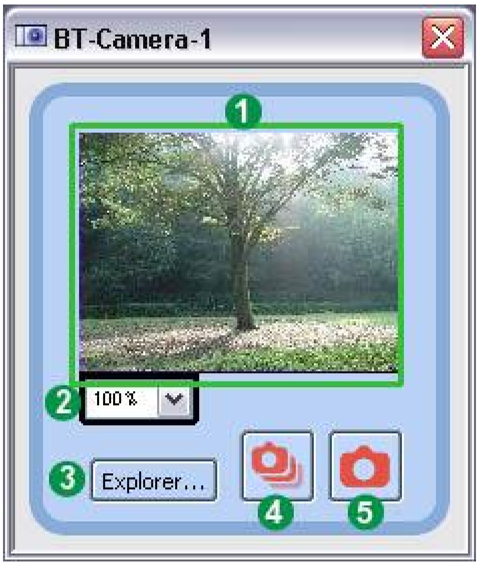
Clicking on this button will display the folders on the hard drive where images that have been transferred to the PC have been stored.



Note

- A folder for saving your images will be created automatically.

Camera operation window



① Camera images

Images as seen through the lens of your remote camera will be displayed.

② Display magnification

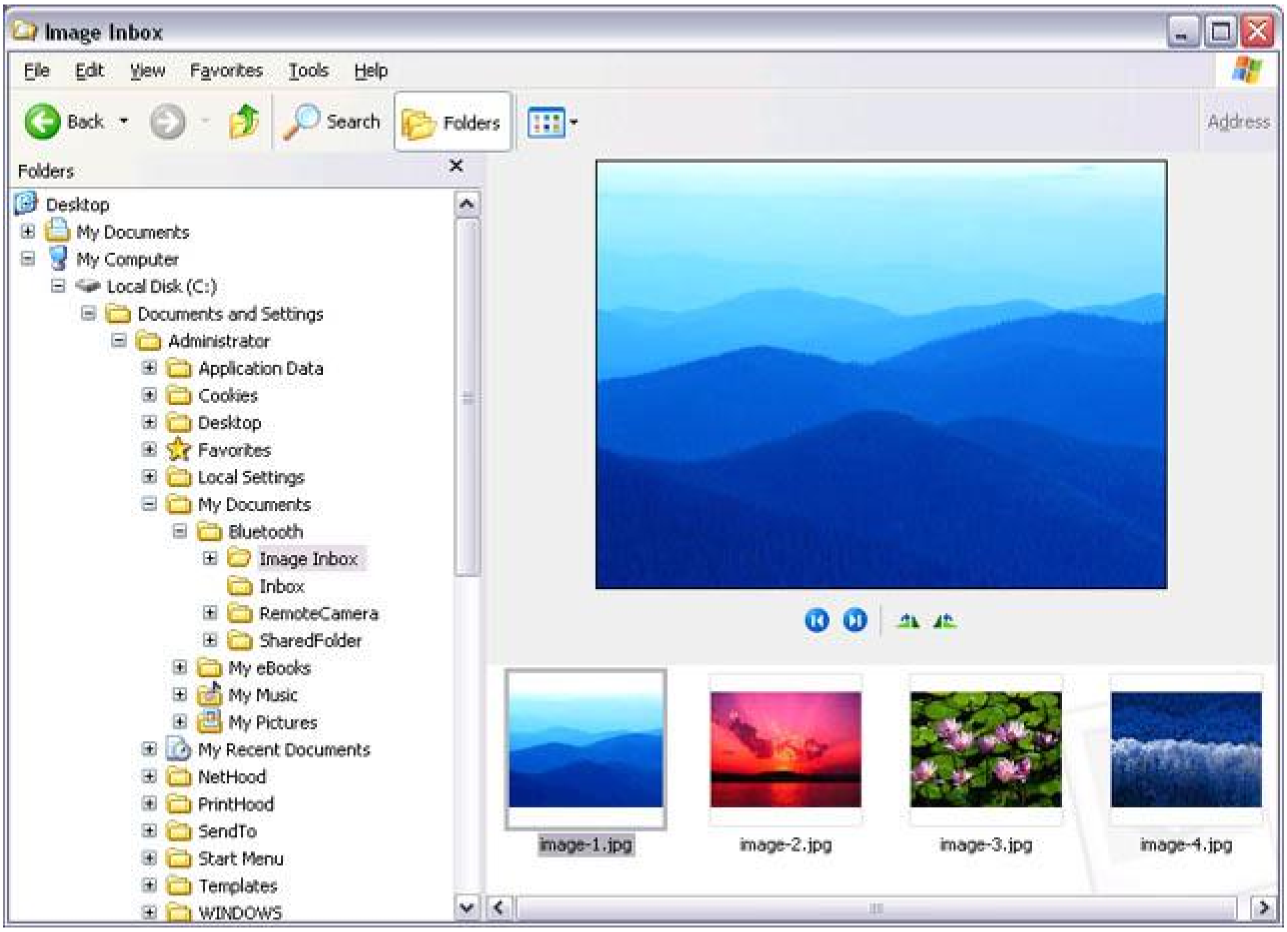
The size of the operating window display can be adjusted from 100% (1x) to 300% (3x).

Important

- Increasing the size of the operating window will impede its ability to display images, and will have an adverse effect on other processes being performed by your PC. Please adjust the magnification as appropriate for your intended use.

③ [Explorer...] button

Clicking on this button will display the folders on the hard drive where images that have been transferred to the PC have been stored.



④ Shutter button (consecutive images)

Clicking this button will cause the camera to take the number of images specified in [Consecutive image settings] under the [Bluetooth] menu and then send those images to your PC.

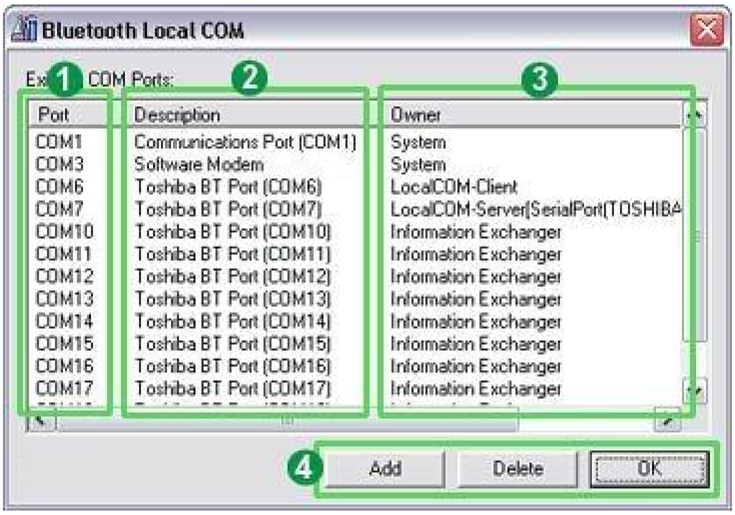
⑤ Shutter button (single images)

Clicking this button will cause the camera to take one picture and then send the image to your PC.

Bluetooth Local COM

This section provides detailed information on the settings categories in Bluetooth Local COM.

Main window



Port	Description	Owner
COM1	Communications Port (COM1)	System
COM3	Software Modem	System
COM6	Toshiba BT Port (COM6)	LocalCOM-Client
COM7	Toshiba BT Port (COM7)	LocalCOM-Server[SerialPort(TOSHIBA
COM10	Toshiba BT Port (COM10)	Information Exchanger
COM11	Toshiba BT Port (COM11)	Information Exchanger
COM12	Toshiba BT Port (COM12)	Information Exchanger
COM13	Toshiba BT Port (COM13)	Information Exchanger
COM14	Toshiba BT Port (COM14)	Information Exchanger
COM15	Toshiba BT Port (COM15)	Information Exchanger
COM16	Toshiba BT Port (COM16)	Information Exchanger
COM17	Toshiba BT Port (COM17)	Information Exchanger

①Port

Displays a list of configured ports.

②Description

Displays the function of each port.
Ports displayed as "Toshiba BT Port (COMxx)" are TOSHIBA Bluetooth virtual COM ports.

③Owner

Displays the application used to create those COM ports.
The following information will appear for ports created by Bluetooth Local COM.

COM port for client	Local COM - Client
COM port for server	Local COM - Server [(name of service supplied by port)]

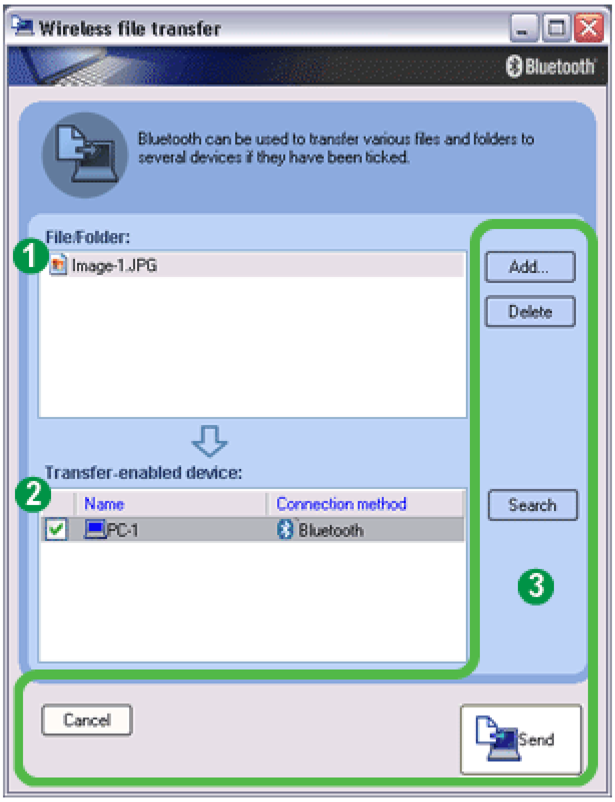
④Function buttons

Category	Description
Add	Starts the Add COM Port Wizard. Note • There can be up to 64 ports. If COM ports 1 to 64 already exist, you will not be able to add another port.
Delete	Deletes selected port. Note • You can only delete COM ports created by Bluetooth Local COM.
OK	Click on this button to confirm settings information, and close the Bluetooth Local COM window.

Wireless File Transfer

This section provides detailed information on the settings categories in Wireless File Transfer.

Main window



Bluetooth can be used to transfer various files and folders to several devices if they have been ticked.

File/Folder: Image-1.JPG

	Name	Connection method
☑	PC-1	Bluetooth

①Files/folders

Displays a list of files/folders to be sent.

②Devices to which data can be sent

Displays other devices to which you are able to send files. Files will be sent to those devices that have been checked.

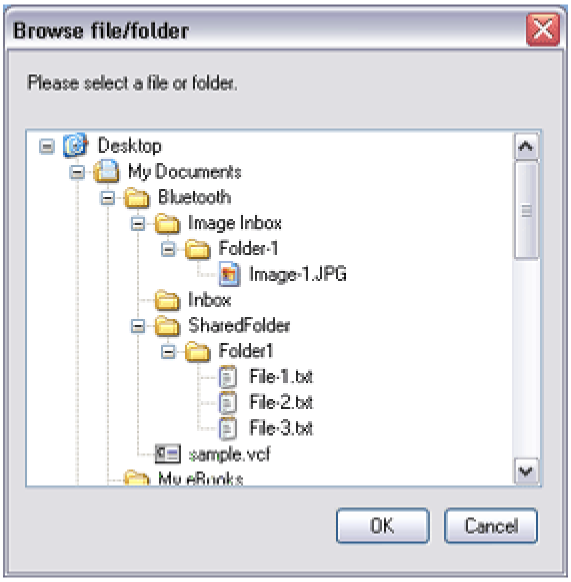
Name
Displays name of destination devices.

Connection method
Displays method used to connect to other devices.

Note

- If a device to which you would like to send data is not listed, you can click on the [Search] button to search for other devices.

③Function buttons

Category	Description
Add	Displays the window below, from where you can add files and/or folders you would like to send.  Please select a file or folder. Browse file/folder Desktop My Documents Bluetooth Image Inbox Folder-1 Image-1.JPG Inbox SharedFolder Folder1 File-1.txt File-2.txt File-3.txt sample.vcf My eBooks OK Cancel
Delete	By selecting a file from the list and clicking on the "Delete" button, you can remove that file (i.e., the file will not be sent).
Search	Searches for Bluetooth devices.
Cancel	Closes the "Wireless File Transfer" window.
Send	Sends a file.

Troubleshooting

This section describes possible causes and countermeasures to be considered when your Bluetooth device cannot be configured properly, functions abnormally or presents other problems related to its operation.

Basic understanding

The section "What you need to know about using Bluetooth" describes the basic concepts to be aware of when using Bluetooth. Should you still encounter problems after having read through this information, please refer to the following list, which has been arranged according to application.

Troubleshooting by application

- General operation of the Bluetooth Utility
- Using a wireless modem station
- Using an access point
- Using a printer
- Using a Bluetooth headset
- Using a keyboard or mouse
- Using a camera
- Using a PDA
- Using a mobile telephone

General operation of the Bluetooth Utility

Important

- Please refer to "What you need to know about using Bluetooth" for an understanding of the basic concepts to be aware of when using Bluetooth.

Bluetooth Manager

? Bluetooth icon does not appear in task tray

- If the Bluetooth icon does not appear in the task tray, Bluetooth Manager will not be active, which will prevent you from being able to use any of the functions of the Bluetooth Utility.
  Start the utilities as instructed below to enable Bluetooth Manager to start automatically and allow all functions to be utilized.

  Bluetooth Settings
  (from Windows XP)
  [Start] > [All Programs] > [Bluetooth] > [Bluetooth Settings]
  (from Windows 2000)
  [Start] > [Programs] > [Bluetooth] > [Bluetooth Settings]

  Remote Camera
  (from Windows XP)
  [Start] > [All Programs] > [Bluetooth] > [Remote Camera]
  (from Windows 2000)

[Start] > [Programs] > [Bluetooth] > [Remote Camera]

Wireless File Transfer
(from Windows XP)
[Start] > [All Programs] > [Bluetooth] > [Wireless File Transfer]
(from Windows 2000)
[Start] > [Programs] > [Bluetooth] > [Wireless File Transfer]

Bluetooth Settings

? Clicking on the [New Connection] button brings up the message "Unable to prepare Bluetooth."

- The wireless communication switch is turned off.
  Please switch it on.

? Remote device(s) cannot be detected

- The other device(s) may have been set to Non-discoverable mode.
  Please check the mode settings on the device.

? Services on a remote device are undiscoverable

- The other device may be using a profile that is not supported by the Bluetooth Utility
  Please check the profile being used on the other device.

- The following profiles are compatible with Bluetooth Settings.

DUN, FAX, LAP, SPP, HID, HCRP, FTP, OPP, HSP, PAN and BIP

Devices running profiles other than those above will not be able to be registered with Bluetooth Settings.

Bluetooth Information Exchanger

? An error occurs when you try to send a file using the right-click menu.

- Select and right-click on a file, and then you can choose either the FTP or OPP profile to use when you click on [Send to Bluetooth Device].
  If neither profile is supported by the destination device, the file will not be able to be sent from the right-click menu.

  The transmission will also fail if you use FTP to send a file to a device that only supports the OPP profile.
  Should this occur, please click on [Bluetooth]->[Profiles] under [Bluetooth Information Exchanger] to configure the Transfer mode.

Cannot open shared folder on remote device using [File Transfer].

- The other device may have a certain security level enforced (Non-connectable mode etc). Please confirm the security settings of the other device.
  Please enter the correct password if you are asked to enter one.

Remote Camera

- See "Using a camera"

Bluetooth Local COM

Cannot add port

- A maximum of 64 virtual COM ports can be added. You will be unable to add another port if 64 ports have already been configured.

Using a wireless modem station

Important

- Please refer to "What you need to know about using Bluetooth" for an understanding of the basic concepts to be aware of when using Bluetooth.

Modem station cannot be detected

- If the modem station is connected to and is being used by another device, the modem station will be undetectable even if you search for it.

Cannot connect to modem station

- If the modem station is connected to and is being used by another device, no other device will be able to connect to the modem station.

Bluetooth passkey entry failed

- The Bluetooth passkey (PIN code) comprises a sequence of alphanumeric characters, with the letters able to be rendered in upper and lower case.
  If [Caps Lock] is on, the Bluetooth passkey may not be able to be entered correctly.

Cannot connect to telephone line

- Please ensure that the telephone cable is connected from the socket to the "LINE" terminal on the modem station.

  Note

  - If the telephone cable has come loose because it has not been fully inserted into the socket, the resulting poor contact may prevent data from being transmitted accurately.
  - Communication will be impossible if the interior of the cable has been broken. Please replace the cable with another one.
- Please ensure that the two slide switches on the underside of the main unit have been set to the "NORMAL" and "MODEM" positions respectively.

Cannot connect to the Internet

- The telephone number of the connection (i.e., the telephone number for the access point of your Internet service provider) may not be correct. Please check the telephone number.
- The user ID and/or password for the provider with whom you have signed up may have been entered incorrectly. Please check the user ID and password.
- The default connection may have been configured with different settings. Please set the connection configured for mobile telephone use as the default connection.
- When you place a call using a company switchboard or other exchange, the system may require you to enter a "0" before the telephone number itself. Please check the type of telephone line you are using.

Cannot send or receive faxes

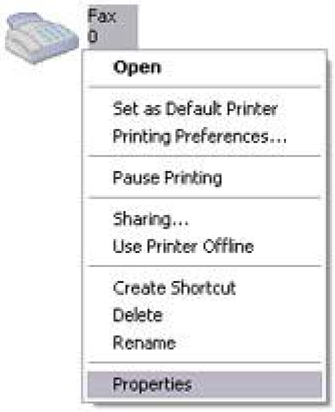
- Once you have registered a wireless modem station as your fax server, you will need to enter the fax settings from the [Printer and Faxes] window in the Control Panel.
  Please refer to "Using a modem station for fax transmissions" for information on the configuration procedure.
- The telephone number of the fax destination may have been entered incorrectly. Please check the telephone number.

- If the setting under COM Auto Connect Settings has been set to "Off", a connection will not automatically be established with the modem. Please connect to the modem manually.

- When you place a call using a company switchboard or other exchange, the system may require you to enter a "0" before the telephone number itself. Please check the type of telephone line you are using.

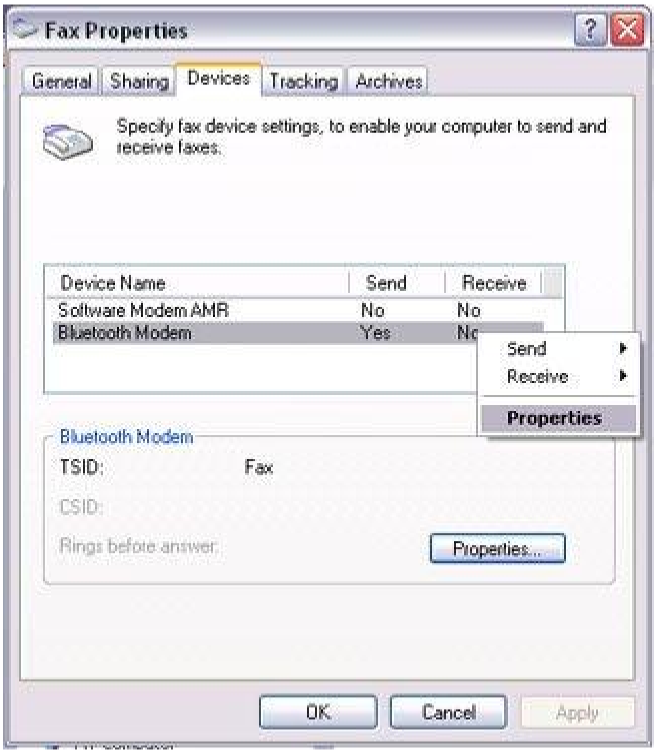
- The fax service may not have been enabled for sending (or receiving). Please check the settings by following the procedure below.

1. **Open [Printers and Faxes] from the Control Panel, right-click on the [Fax] icon, and then click on [Properties]**



The [Fax properties] window will appear.

2. **Select the [Device] tab, right-click on the modem you wish to use, and then click on [Properties]**



Specify fax device settings, to enable your computer to send and receive faxes.

Device Name	Send	Receive
Software Modem AMR	No	No
Bluetooth Modem	Yes	No

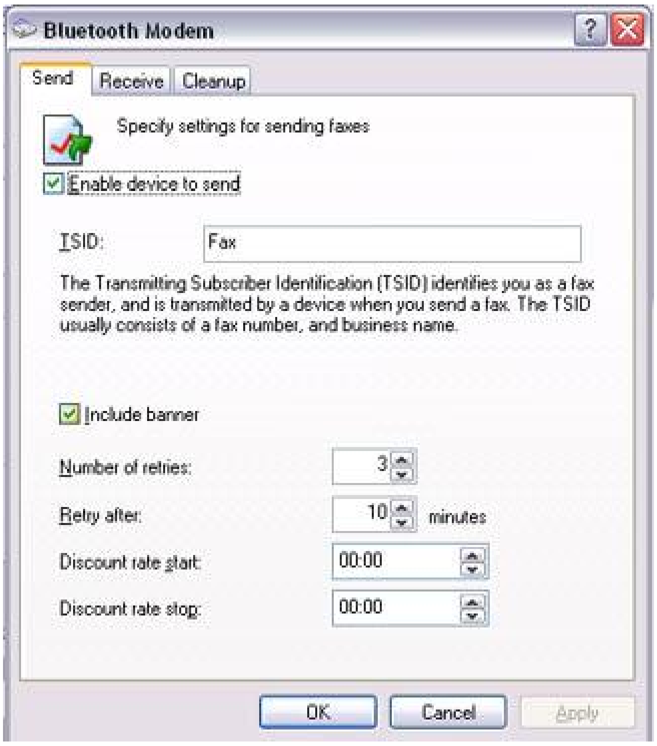
Bluetooth Modem

TSID: Fax

CSID:

Rings before answer:

3. **Select the [Send] tab, and then confirm that "Enable device to send" has been checked.**



Specify settings for sending faxes

☑ Enable device to send

TSID: Fax

The Transmitting Subscriber Identification (TSID) identifies you as a fax sender, and is transmitted by a device when you send a fax. The TSID usually consists of a fax number, and business name.

☑ Include banner

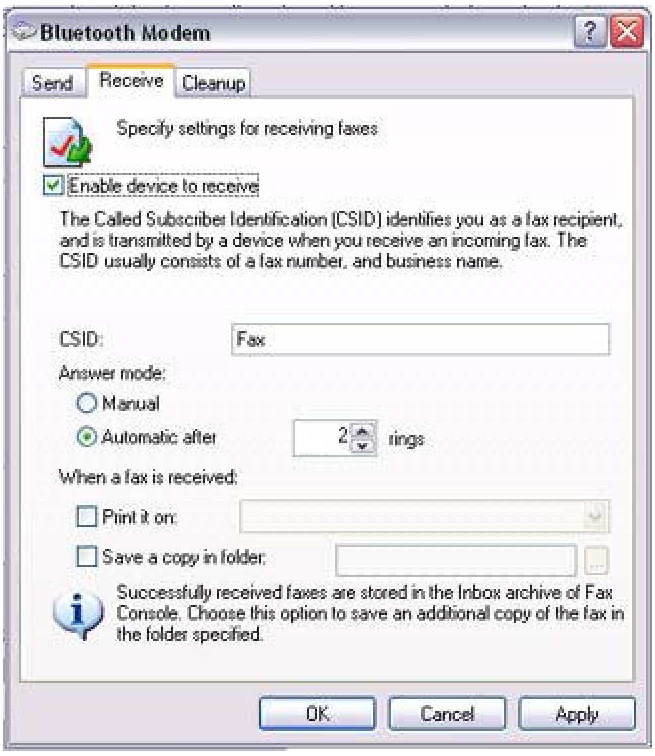
Number of retries: 3

Retry after: 10 minutes

Discount rate start: 00:00

Discount rate stop: 00:00

4. **Select the [Receive] tab, and then confirm that "Enable device to receive" has been checked (when you wish to receive faxes)**



Specify settings for receiving faxes

☑ Enable device to receive

The Called Subscriber Identification (CSID) identifies you as a fax recipient, and is transmitted by a device when you receive an incoming fax. The CSID usually consists of a fax number, and business name.

CSID: Fax

Answer mode:

○ Manual

● Automatic after 2 rings

When a fax is received:

☐ Print it on:

☐ Save a copy in folder:

Successfully received faxes are stored in the Inbox archive of Fax Console. Choose this option to save an additional copy of the fax in the folder specified.

5. **Click on the [OK] button**

Using an access point

Important

- Please refer to "What you need to know about using Bluetooth" for an understanding of the basic concepts to be aware of when using Bluetooth.

Access point cannot be detected

- If the access point is connected to and is being used by another device, the access point will be undetectable even if you search for it.

Cannot connect to access point

- If the access point is connected to and is being used by another device, no other device will be able to connect to the access point.

? Cannot connect to LAN

- The LAN cable may not be properly connected to the access point. Please check the connection status.

  Note

  - If the LAN cable has come loose because it has not been fully inserted into the socket, the resulting poor contact may prevent data from being transmitted accurately.
  - Communication will be impossible if the interior of the LAN cable has been broken. Please replace the cable with another one.

- The access point may not have been configured correctly, and may not be able to maintain the connection to the LAN.
  Please refer to the product instruction manual for information on how to configure your access point.

? Cannot connect to the Internet

- If you are using a LAN to connect to the Internet, the LAN environment of the company or location where you are trying to establish the connection may require you to connect via a proxy server .
  Please click here for information on configuring a proxy server.

Using a printer

Important

- Please refer to "What you need to know about using Bluetooth" for an understanding of the basic concepts to be aware of when using Bluetooth.

? Printer cannot be detected

- If the printer is connected to and is being used by another device, the printer will be undetectable even if you search for it.

? Cannot connect to printer

- If the printer is connected to and is being used by another device, no other device will be able to connect to the printer.

? Cannot print/garbled print output

- The printer driver of the printer you are using may not have been installed correctly. Please refer to your product instruction manual and re-install the driver.
- Please check to see if the printer has run out of paper, ink or other consumable item.
- If you are using a printer while several Bluetooth devices are connected to the PC, the devices may not functional normally. Please disconnect the other devices and try to print again.

Using a Bluetooth Headset

Important

- Please refer to "What you need to know about using Bluetooth" for an understanding of the basic concepts to be aware of when using Bluetooth.

? Bluetooth Headset cannot be detected

- If the Bluetooth Headset is connected to and is being used by another device, the Bluetooth Headset will be undetectable even if you search for it.

? Cannot connect to Bluetooth Headset

- If the Bluetooth Headset is connected to and is being used by another device, no other device will be able to connect to the Bluetooth Headset.
- A Bluetooth connection will be impossible if the Bluetooth Headset is connected to a power adaptor.
  Please remove the power adaptor and re-connect.

? Sound cuts out/cannot hear anything

- Using a Bluetooth headset with other Bluetooth devices may cause problems such as interruptions in sound, reduced transfer speed or failure during file transfer, and disconnection of the other Bluetooth devices. We strongly recommend using a Bluetooth headset on its own, not in connection with other Bluetooth devices.

- Please confirm that the Bluetooth Headset is being operated correctly (for example, ensure that the correct mode (audio or communications) mode has been selected).
- Please confirm that the voice file or CD is being played back normally on your PC.
- Please check the volume settings on your Bluetooth Headset and PC.
- If Windows Media Player or another audio-related application is active when you try to connect your Bluetooth Headset, you may find it impossible to connect properly to the Bluetooth Headset, or even to use it at all.
  Please start such applications after you have connected to the Bluetooth Headset.

Using a keyboard or mouse

Important

- Please refer to "What you need to know about using Bluetooth" for an understanding of the basic concepts to be aware of when using Bluetooth.

? Keyboard or mouse cannot be detected

- If the keyboard or mouse is connected to and is being used by another device, the keyboard or mouse will be undetectable even if you search for it.

? Cannot connect to keyboard or mouse

- If the keyboard or mouse is connected to and is being used by another device, no other device will be able to connect to the keyboard or mouse.

Using a camera

Important

- Please refer to "What you need to know about using Bluetooth" for an understanding of the basic concepts to be aware of when using Bluetooth.

? Camera cannot be detected

- If the camera is connected to and is being used by another device, the camera will be undetectable even if you search for it.

? Cannot connect to camera

- If the camera is connected to and is being used by another device, no other device will be able to connect to the camera.

? Images from the camera can be displayed, but no pictures can be taken

- The memory card in the camera may be full.
  Please make a backup of all your necessary data on alternative media, then delete the images from the memory card, and ascertain how much free space remains.

? Camera images do not appear in window

- The camera may not have been set to remote camera mode (image browse mode, configuration mode, etc).

  Certain cameras will end the Bluetooth connection automatically if you change the settings in a mode other than remote camera mode. Please re-connect to the camera when you next wish to use the device in remote camera mode.

Using a PDA

Important

- Please refer to "What you need to know about using Bluetooth" for an understanding of the basic concepts to be aware of when using Bluetooth.

Cannot make an ActiveSync connection

- Please confirm that you have installed ActiveSync v3.7 or higher on your PC.

- ActiveSync is installed to COM7 as a default. Please refer to "Synchronising information using ActiveSync" and re-configure your ActiveSync connection.
  If a port other than COM7 has been used, please amend the ActiveSync connection settings accordingly.

Cannot locate a saved file

- The type of file sent to your PDA, as well as the profile used to send the file, may affect where folders saved on your PDA are located.

  Examples:
  Images transferred to your PDA using "Image transfer" > saved in the "Image transfer" folder
  Images transferred to your PDA using "File transfer" > saved in the "Shared folder"

Using a mobile telephone

Important

- Please refer to "What you need to know about using Bluetooth" for an understanding of the basic concepts to be aware of when using Bluetooth.

Mobile telephone cannot be detected

- If the mobile telephone is connected to and is being used by another device, the mobile telephone will be undetectable even if you search for it.

Cannot connect to mobile telephone

- If the mobile telephone is connected to and is being used by another device, no other device will be able to connect to the mobile telephone.

Cannot send images to mobile telephone

- Please use the appropriate transfer method, according to the profiles supported by your mobile telephone.

  If OPP is supported: right-click on a file to send it

  If BIP is supported: use "Image transfer" under Bluetooth Information Exchanger to send images

Cannot connect to the Internet

- The telephone number of the connection (i.e., the telephone number for the access point of your Internet service provider) may not be correct. Please check the telephone number.

- The user ID and/or password for the provider with whom you have signed up may have been entered incorrectly. Please check the user ID and password.

- The default connection may have been configured with different settings. Please set the connection configured for mobile telephone use as the default connection.

Cannot send or receive faxes

- Once you have registered a mobile telephone as your fax server, you will need to enter the fax settings from the [Printer and Faxes] window in the Control Panel.
  Please refer to "Using a modem station for fax transmissions" for information on the configuration procedure.

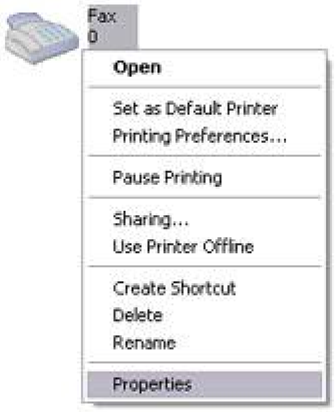
- The telephone number of the fax destination may have been entered incorrectly. Please check the telephone number.

- If the setting under COM Auto Connect Settings has been set to "Off", a connection will not automatically be established with the modem. Please connect to the mobile telephone manually.

- The fax service may not have been enabled for sending (or receiving). Please check the settings by following the procedure below.

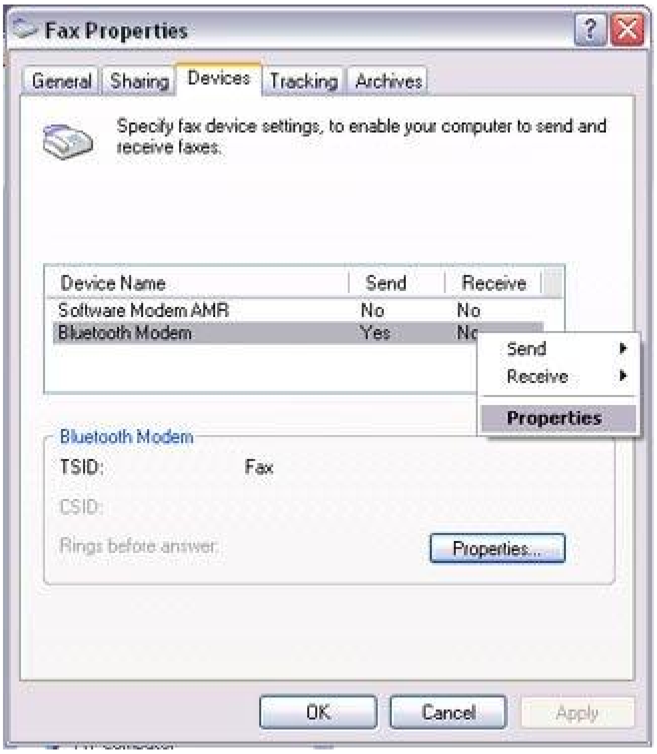
  1. **Open [Printers and Faxes] from the Control Panel, right-click on the [Fax] icon, and then click on**

[Properties]



The [Fax properties] window will appear.

2. **Select the [Device] tab, right-click on the modem you wish to use, and then click on [Properties]**



Specify fax device settings, to enable your computer to send and receive faxes.

Device Name	Send	Receive
Software Modem AMR	No	No
Bluetooth Modem	Yes	No

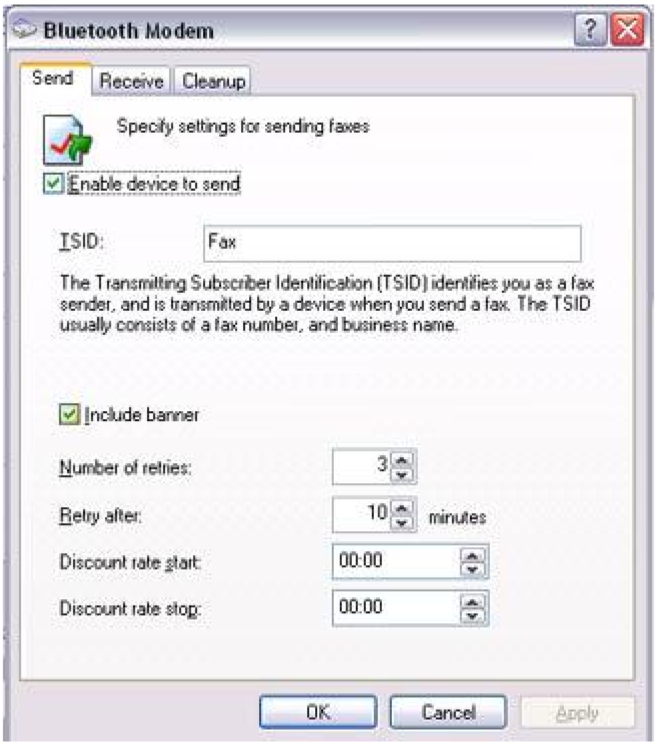
Bluetooth Modem

TSID: Fax

CSID:

Rings before answer:

3. **Select the [Send] tab, and then confirm that "Enable device to send" has been checked.**



Specify settings for sending faxes

☑ Enable device to send

TSID: Fax

The Transmitting Subscriber Identification (TSID) identifies you as a fax sender, and is transmitted by a device when you send a fax. The TSID usually consists of a fax number, and business name.

☑ Include banner

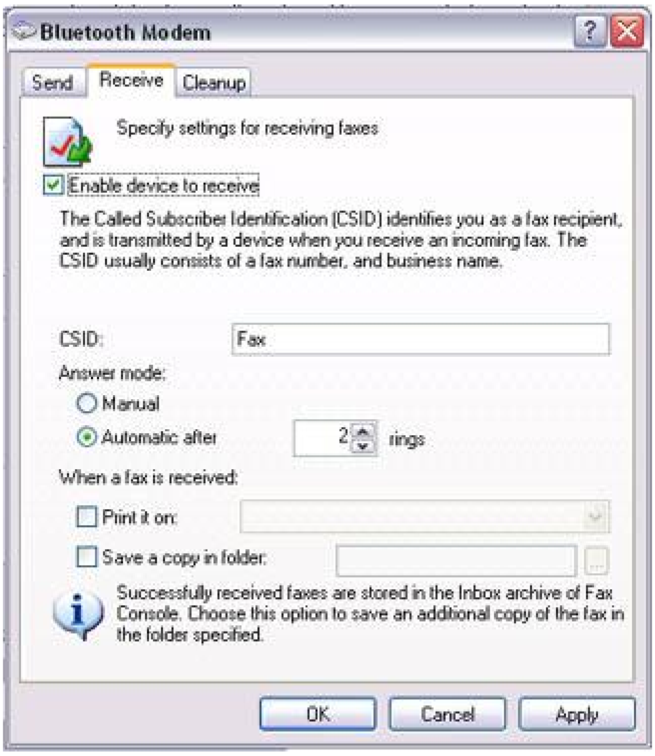
Number of retries: 3

Retry after: 10 minutes

Discount rate start: 00:00

Discount rate stop: 00:00

4. **Select the [Receive] tab, and then confirm that "Enable device to receive" has been checked when you wish to receive faxes)**



Specify settings for receiving faxes

☑ Enable device to receive

The Called Subscriber Identification (CSID) identifies you as a fax recipient, and is transmitted by a device when you receive an incoming fax. The CSID usually consists of a fax number, and business name.

CSID: Fax

Answer mode:

○ Manual

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When a fax is received:

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5. **Click on the [OK] button**

Glossary

This glossary provides definitions for Bluetooth-related terminology.
You will be able to look up the meanings of any uncertain terms here.

A

A2DP Profile

Abbreviation of Advanced Audio Distribution.
A Bluetooth profile allowing you to adjust the sound quality of wireless headsets and other audio devices.

AVRCP Profile

Abbreviation of Audio/Video Remote Control Profile. A Bluetooth profile enabling remote control functions to be sent and received. Remote control commands can be received by the Bluetooth Utility.

B

Bluetooth Profile

A specification that guarantees the connection to the service function of a remote Bluetooth device.
For a Bluetooth device to send and receive information to and from another device, both devices must support shared profiles designated for each function, such as dial-up networking, faxing, printing and human interface devices.

D

DHCP

Abbreviation of Dynamic Host Configuration Protocol
DHCP is a function that automatically sets up IP addresses. This function will allow you to avoid having to set up IP addresses on each computer.

DUN Profile

A Bluetooth profile for Dial-up Networking.
This profile enables you to establish a dial-up Bluetooth connection with a wireless modem station, mobile telephone, or similar device.

F

FAX Profile
A Bluetooth profile that enables you to establish a Bluetooth connection with a wireless modem station, mobile telephone, or similar device to send or receive a fax.

FTP
Abbreviation of File Transfer Profile.
A Bluetooth profile that enables you to browse folders on a wireless device and transfer files to and from the local device.

G

GAVDP Profile
Abbreviation of Generic Audio-Video Distribution Profile. This is a Bluetooth profile.

H

HCRP
Abbreviation of Hardcopy Cable Replacement Profile. A Bluetooth profile that establishes a connection to a device only when you print, unlike SPP (Serial Port Profile).

HID Profile
Abbreviation of Human Interface Device Profile.
A Bluetooth profile that enables you to connect to a wireless mouse, keyboard or other input device.

L

LAP
Abbreviation of LAN Access Profile.
A Bluetooth profile that enables you to establish a Bluetooth connection to a LAN access point to access a LAN via PPP.

O

OPP
Abbreviation of Object Push Profile.
A Bluetooth profile that enables you to exchange business cards with a wireless device.

P

Passkey
Also known as a PIN code
This is a password consisting of up to 16 alphanumeric characters that enables a

connection to be established to a wireless device. You need to know the passkey in order to connect to a device that requires authentication.
Even when the authentication setting has been disabled in the User Mode Properties of the Bluetooth Utility, the passkey entry dialog box will appear automatically if authentication is required, enabling you to authenticate a device. A link key will be created once you have authenticated a device, eliminating the need for a passkey to connect to that device in the future.

Pairing
A security function. In order for Bluetooth devices to authenticate each other, a passkey (PIN code) is entered in each terminal when they are connected for the first time, and a secret 128-bit link key is generated. This action is known as "pairing."

S

SPP
Abbreviation of Serial Port Profile.
A Bluetooth profile that enables communication with a device through a virtual serial port configured for a Bluetooth connection. This can be used for printers and printer adapters with PDAs, using a method different from HCRP or ActiveSync.

T

TCP/IP
Abbreviation of Transmission Control Protocol/Internet Protocol.
Standard communications protocol (convention for enabling data communication) used by the Internet. Using the same protocol enables computers to exchange data with each other.

V

vCARD
Common standard for electronic business cards.
Names, (e)mail addresses, telephone numbers and other information are exchanged in the form of electronic business cards (in *.vcf format), allowing all parties to easily register each other's data in their address books.
The standard is extensively compatible with Microsoft Outlook, Lotus Organizer and other mail/schedule management software.