| **ALLNET IPSec VPN Client Release Note 4.6** | |
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### 1. ALLNET IPSec VPN Client 4.61 build 003 Release Notes

This Release Note details the features, improvements and fixes of the release 4.1.

Improvement: Remove the application focus from the Vista Credential Providers window (aka GINA on W2K/WXP). User had to click on the Windows Logon password field to be able to enter it.

Bug fixing: Credential Providers (aka GINA) not disabled after software un-installation under Windows XP in case one VPN tunnel has been enabled with the 'Enable before Windows Logon' feature. **Known issue:** Once logged on again, after a 'Switch user' or a 'Lock this computer' (i.e. basically exiting the Windows session without closing that session), the IPSec VPN Client software might not show opened tunnels although they have been opened for the Windows Logon and are still open. In this case, quit and restart the software, all opened tunnels from now on will show up.

### 1.2 ALLNET IPSec VPN Client 4.61 build 002

Feature: Support of Windows 7 RC 32-bit and Windows 7 RC 64-bit in compatibility mode. ALLNET IPSec VPN Client now supports Windows 2000, Windows XP 32-bit, Windows Server 2003 32-bit, Windows Server 2008 32/64-bit, Windows Vista 32/64-bit, Windows 7 32/64-bit.

Improvement: Remove the application focus onto the Vista Credential Providers window (aka GINA on W2K/WXP).
**Known issue:** Vista Credential Providers (aka GINA) not working on Windows 64-bit.

Improvement: All following command line switches can now be used with the /pwd:xxx option: /export, /import, /exportonce, /importonce, /add, /replace.

Bug fixing: Background color of few links in 'Software Activation Wizard' and 'Connection Panel'.

Bug fixing: VPN tunnel might not open automatically when connecting using IP 'Range address'.

Bug fixing: Some OID (Object ID) in Certificates not supported (i.e. RFC 4519).

Bug fixing: Transport mode access behind NAT may fail in some VPN configurations.

Bug fixing: Conflict with some other vendor Credential Providers (aka GINA) if already installed.

Bug fixing: Desktop application shortcut and driver not removed during software un-installation.
Bug fixing: Lost of network interface due to new 64-bit network drivers.

Feature: Ability to use Certificates from the Windows Certificate Store which enables smooth integration with any PKI software supporting Windows Certificate Store. When using USB

Tokens or Windows Certificate Store, a single Certificate can be selected in case multiple ones have been pre-stored.

Feature: Vista Credential Providers (aka GINA on W2K/WXP) support to enable Windows logon via VPN tunnel or choose to logon on local machine.
**Known issue:** Vista Credential Providers (aka GINA) not working on Vista 64-bit.

Feature: Easy import of smartcard ATR codes which enables easily and quickly new smartcard and USB Token models.

Feature: Windows 7 (32-bit) Support. ALLNET IPSec VPN Client now supports Windows 2000, Windows XP 32-bit, Windows Server 2003 32-bit, Windows Server 2008 32/64-bit, Windows Vista 32/64-bit, Windows 7 32-bit.

Feature: Arabic, Hindi & Thai languages added. ALLNET IPSec VPN Client is now available in 19 languages: Arabic, Chinese (simplified), Dutch, English, Finnish, French, German, Greek, Hindi, Italian, Japanese, Polish, Portuguese, Russian, Serbian, Slovenian, Spanish, Thai & Turkish.

Feature: Support of SHA-2 algorithm.

Feature: Ability to prevent software upgrade or un-installation if software usage has been protected by password.

Feature: Ability to view all the certificate details like expiration date, issued by, subject and so on.

Feature: Shortcut added to enable debug mode.

Feature: New Oberthur AuthentIC Card v220 USB Token support. See our supported USB Token/Smartcards list.

Improvement: Significant usability improvement of the USB Mode with ability to attach a VPN configuration to a specific computer or to a specific USB drive.

Improvement: Better warning message when the user is entering a wrong password for a USB Token/Smartcard or when the USB Token/Smartcard is locked.

Improvement: Better warning message when software activation error like quota exceeded.

Improvement: More detailed information on some Software Activation errors especially those due to internal activation server errors.

Improvement: Software localization in German.

Improvement: Changed string in Certificate Import Wizard.

Improvement: Merged menu 'Help' and 'Online support'.

Improvement: Impossible to open a tunnel in case an IP address has been defined as the local IP address (i.e. 'Phase1' > 'Interface') but this address does not exist in the computer.

Bug fixing: VPN Configuration file might not be restored properly after software upgrade on some Windows configuration.

Bug fixing: No access to a NAS shared folders depending on the NAS device. Due to TCP checksum when fragmented IP packet.

Bug fixing: Phase1 LocalID value malformed when certificate uses UTF8 string syntax.

Bug fixing: Oberthur Smartcard not recognized [ATR 3B:7B:18:00:00:00:31:C0:64:77:E9:10:00:01:90:00]. See easy way to add new USB Tokens or Smartcards by importing new ATR codes.

Bug fixing: Unable to read certificates on some smartcards.

Bug fixing: Incoming UDP packets larger than 1672 bytes are not handled properly and may cause bluescreen.

Bug fixing: Software startup time and VPN Configuration import time might be longer than usual when debug mode enabled on some Windows Vista configuration.

Bug fixing: Wrong default remote address point when using VPN Configuration Wizard in peer-to-peer mode and VPN Configuration Wizard has been used before to connect to a VPN Gateway.

Bug fixing: Losing the Pre-Shared Key as soon as user tries to import a Certificate.

Bug fixing: Phase1 & Phase2 names could be changed once only as names were cached by software.

Bug fixing: Changing 'Remote LAN address' multiple times might not be saved properly into the VPN Configuration file.

Bug fixing: Command lines /Open and /Close maximize the IPSec VPN Client window even it was minimize by user. Also, command lines /Open, /Close and /stop are not working if the Connection Panel has been opened prior to using them.
Bug fixing: Command lines /Open and /Close not working if tunnel name contains CAPS char.

Bug fixing: Scripts before or after tunnel open or close might not be launched in some circumstances.

Bug fixing: Systray popup to show tunnel progress bar taking focus over other application.

Bug fixing: Latest zip compression format of the setup was not supported within some computer environments.

Bug fixing: Software un-installation not successfully completed in some cases where software is running and a tunnel is open.

Bug fixing: A click on the systray icon would not maximize the IPSec VPN Client Connection Panel, Configuration Panel or Console windows in case they were minimized.

Bug fixing: A tunnel is shown as open in Connection Panel when an USB Drive is plugged-in, but the tunnel is still shown as open when USB drive is un-plugged although it has been closed.

Bug fixing: Phase 2 Remote LAN address might not be saved properly in some circumstances with multiple VPN tunnels.

Bug fixing: Token PIN code might be asked when tunnel start opening even though no Token is plugged-in, in case 'Phase 1 Certificate on Token' and 'Auto Open on Traffic' have been configured.

Bug fixing: Software crash if the 'Remote Gateway' field is not available in the VPN Configuration file.

Bug fixing: Padding and IP frame total length when using some FTP commands with a web server preventing access through a WindRiver VPN Server.

Bug fixing: Initial DNS not restored when the user closes all tunnels, quit software or reset IKE service, in case two tunnels have been configured to use alternate DNS addresses.

Improvement: PinCode management in X-Auth login/password user interface.

Bug fixing: Compatibility with ePass 2000 reading certificates.

Improvement: SHA name is replaced by SHA-1.

Bug fixing: Missing "Add or Replace" choice when double-click on a configuration file in Explorer.

Bug fixing: Command line "/import" is not working when importing password protected configuration.

Bug fixing: Redundant Gateway might not try again primary gateway if both primary and redundant gateways are not available.

Bug fixing: VPN Configuration lost during upgrade in some Windows configurations.

Bug fixing: Software upgrade not working properly on Windows XP slow computers.

Bug fixing: Software always asking for activation in some circumstances of busy computer.

Bug fixing: Connexion panel might not show an opened tunnel in some VPN Configurations.

Bug fixing: Erratic crashes when using Config-Mode.
Feature: Windows Server 2008 supported. ALLNET IPSec VPN Client now supports Windows 2000, Windows XP 32-bit, Windows Server 2003 32-bit, Windows Server 2008 32/64-bit, Windows Vista 32/64-bit.

Bug fixing: No more backup configuration on Uninstall.

Known bug: Tunnel won't automatically open when VPN client starts (check box in Phase 2 advanced ineffective)

Known bug: Encrypted configuration files cannot be imported when password used for encryption is less than 3 characters.

Known bug: Activation fails (auto or manual) in some rare network configuration cases.

Known bug: Opening or closing a tunnel from the command line fails in some Windows environments.

Known bug: BSOD when powering on a virtual machine in VMware Server 2 environment

Bug fixing: IKE sometimes crashed when X-Auth failed.

Bug fixing: Upgrade blocked on XP OS when computer is running slowly.

Feature: Windows Vista 32-bit and 64-bit support.

Feature: New Gemalto .Net Two-Factor Authentication Smart Cards certified.

Feature: New Token ePass 2000 and ePass 3000 certified.

Improvement: X-Auth login/password popup window display duration can be configured.

Improvement: More explanation on how to move license to other computer on successful software activation.

Improvement: Faster 'Save&Apply'.

Improvement: confirmation popup on configuration reset.

Improvement: New ALLNET Software Publisher Certificate.

Bug fixing: Alternate DNS/WINS server addresses are not released when closing the VPN tunnel in some Windows configuration.

Bug fixing: Restore some Windows settings like Vista IKE service and XP PolicyAgent to pre-install values after un-installation the IPSec VPN Client software.

Bug fixing: Change the '?' menu in Chinese.

Bug fixing: Wrong icon when VPN Configuration created with the VPN Configuration Wizard.

Bug fixing: Language codes in all online links are now iso-639-2code compliant.

Bug fixing: Temporary license activation may prohibit the IPSec VPN Client software to start properly.

Bug fixing: White icon on grey background in systray menu.

Bug fixing: Software activation response wrongly parsed generating Activation Error Code 50.

Bug fixing: impossible to restart IPSec VPN Client software in user mode on Windows XP in some circumstances after software activation.

Bug fixing: USB drive plug in not detected in some circumstances.

Bug fixing: Phase2 lost link to Phase1 after renaming and in multiple VPN tunnels configuration.

Bug fixing: Modification on VPN configuration not taken into account if switch to USB mode and back with some specific USB drives.

Bug fixing: Certificate subject truncated to 124 char.

Bug fixing: Phase1 unstable when using Neusoft VPN Gateways.

Bug fixing: Display errors in remaining evaluation days in Chinese.

Bug fixing: Display errors in the Italian DLL .

Bug fixing: Wrong Phase1 name in the title of the X-Auth password window.

Improvement: IPv4 subnet and subnet mask is now handled by the IPSec VPN Client software when sent by the remote gateway in Config Mode exchange.

Improvement: Reduce Activation Error 050 occurrence.

Improvement: The IPSec VPN Client software switches immediately to the second gateway as soon as the DPD (Dead Peer Detection) detects the first gateway is idle.

Bug fixing: Non-latin character paths sometimes wrongly managed.

Bug fixing: VPN Setup is allowed on Windows Server 2003 again.

Bug fixing: Double reboot after installation was still called on some cisrcumstances.

Bug fixing: IKE crash when debug mode is on.

Bug fixing: Driver mismatch when installed on Vista.

Known bug: String display error in the evaluation window, Chinese release only.

Feature: New Console button and GUI menu allowing to restart the IKE service.

Bug fixing: Release number correctly managed during the activation process.

Bug fixing: Customized bitmaps correctly resized depending on the localization.

Bug fixing: Correct management of the "open/close tunnel" button on reset IKE.

Bug fixing: Check for update not working.

Bug fixing: Replace Serbian with Serbian Latin.

Bug fixing: Certificates management on Chinese localization.

Bug fixing: Phase 2 'open/close tunnel' button correct management.

Bug fixing: Management ANSI/UNICODE.

Bug fixing: Version of the setup.

Bug fixing: "Unspecified error" ending with a blank activation window.

Bug fixing: Vista drivers correctly managed.

Feature: Automatic Activation reset on upgrade or software un-installation.

Feature: Configuration of X-Auth popup appearance time enabled in VPN Configuration file. Default changed to 60 sec.

Feature: Full Unicode software enables Chinese (simplified Chinese) and Japanese localization.

Feature: Added 9 languages. ALLNET IPSec VPN Client is now available in 16 languages. New localizations for ALLNET IPSec VPN Client include: English, French, Portuguese, Spanish, Italian, Dutch, German, Polish, Slovenian, Serbian, Greek, Turkish, Russian, Chinese (simplified), Japanese and Finnish.

Feature: Automatically creates the appropriate rules in the Vista Firewall, enabling IPSec VPN tunnels.

Feature: Ability to access a remote LAN from a local network with same IP addressing.

Feature: Installation language can be specified through a setup command line. See the VPN Deployment Guide for details.

Improvement: PFS / Diffie-Hellman terminology.

Improvement: New installation software. This new software installation enables Unicode installation, and improves the upgrade process with only one reboot. Setup is easier with no more setup summary dialog. It also allows to reduce software setup size by half.

Improvement: IKE credential disclosure vulnerability fixed.

Improvement: Spanish localization improved.

Improvement: VPN Configurations are signed to maintain content integrity. Integrity is checked during VPN Configuration import/export.

Improvement: Automatically open the specific support page on some activation errors.

Improvement: Easier switch between connection panel and configuration panel.

Improvement: Better management of DNS/WINS server address when static (not assigned by DHCP server).

Improvement: Better looking application icon.

Bug fixing: Copy/Paste of a license number on the activation dialog.

Bug fixing: Systray popup takes focus

Bug fixing: Certificates are correctly managed.

Bug fixing: The VPN Configuration is correctly backuped during a software upgrade.

Bug fixing: Erratic GUI crashes due to token manipulation.

Bug fixing: Quit at end of Activation process may not save activation code after upgrade.

Bug fixing: Miscellaneous registry key and values fixes.

Bug fixing: Error in OEM names fixed.

Feature: Possibility to activate the VPN Client in user mode

Improvement: : Possibility to modify the default display time of X-Auth login/password window.

Bug fixing: IKE credential disclosure vulnerability

Bug fixing: Drivers crashes when X-Auth windows wasn't completed.

Bug fixing: Drivers crashes in certain circumstances.

Bug fixing : Drivers crashes in certain circumstances.

Bug fixing : Setup custom settings correctly managed

Bug fixing: Drivers crashes in certain circumstances.

Bug fixing: Silent activation is unexpectedly launched when a tunnel is opened.

Feature: Support Path MTU discovery. Allow to negotiate MTU size with the network (if supported) to optimize traffic.

Improvement: Path containing spaces can now be specified in Phase2 "Scripts" window (as long as they are enclosed in double-quotes).

Bug fixing: The "Block non ciphered connection" feature is now always imported during Import VPN Configuration.

Bug fixing: IKE module crash (Vista only).

Bug fixing: Manual Activation may fail depending on user rights (Vista only).

Bug fixing: Tunnels with Certificates may fail to open in some circumstances (Vista only).

Bug fixing : VPN GUI crash upon activation of a temporary License Number.

Improvment: New drivers release improve stability (Vista only).

Improvment: NAT-T support of RFC3947

Improvment: Better handling of access rights resulting in a quicker start of the IPSec VPN Client.

Bug fixing : Configuration is correctly imported from wizard (Vista only).

Features : PrimeRemote i-VPN Client default start mode set to "Connection Panel".

Features : Setup extraction with "/extract[:OS]" command line parameter.

Improvement: ConfigMode traces improvement.
Feature: ASN 1 Certificate description.

## 2. ALLNET IPSec VPN Client support and download

Software releases with "General Availability" status are available online with 30 days evaluation period through our website at: http://www.ALLNET.de
All support materials are available online through our website at: http://www.ALLNET.de