

## **Release Notes for DrayTek Smart VPN Client (UK/Ireland)**

Software Version	5.6.3
Release Date	28 <sup>th</sup> July 2023
Supported Operating Systems	Windows 10 / 11 (x32/x64) Windows 7 / 8.1 (x32/x64) Windows Server 2012 R2 (x32/x64) Windows Vista (x32/x64) <del>Windows XP SP3</del>

### **New Features**

1. Support for AES-GCM and SHA512 options for OpenVPN profiles

### **Improvements**

1. Improved the application security
2. Fixed an issue with establishing IPsec VPN tunnel connection
3. Fixed an issue with setting up a new SSL VPN password the exceeds 120 characters
4. Improved compatibility with OpenVPN Client version 2.6.0. and later

### **Known Issues**

1. SmartVPN Client may display the error “Hardware failure in port or attached device” if reconnecting an SSL VPN after an extended SSL VPN stress test
2. Configuration & Usage of OpenVPN tunnels requires the OpenVPN Windows client software to be installed on the computer
3. Configuration & Usage of WireGuard tunnels requires the WireGuard Windows client software to be installed on the computer

### **Notes**

1. Windows XP was removed from the supported operating system list
2. The Browse button for config import and export was removed for enhanced security. Please enter the file path to import or export the config file, e.g.  
`C:\Users\SmartVPN\vpn.cfg`

Software Version	5.6.2
Release Date	13 <sup>th</sup> April 2023
Supported Operating Systems	Windows 10 / 11 (x32/x64) Windows 7 / 8.1 (x32/x64) Windows Server 2012 R2 (x32/x64) Windows Vista (x32/x64) <del>Windows XP SP3</del>

### **New Features**

(None)

### **Improvements**

1. Improved the multi-language UI system
2. The battery warning message can be disabled manually
3. Added a warning message about the modern standby option when saving SSL VPN profile
4. Opening 'Statistics' did not work in some circumstances
5. Fixed an issue where users were unable to scan a QR code for 2FA TOTP using Microsoft Authentication app on iOS

### **Known Issues**

1. SmartVPN Client may display the error "Hardware failure in port or attached device" if reconnecting an SSL VPN after an extended SSL VPN stress test
2. Configuration & Usage of OpenVPN tunnels requires the OpenVPN Windows client software to be installed on the computer
3. Configuration & Usage of WireGuard tunnels requires the WireGuard Windows client software to be installed on the computer

### **Notes**

1. Windows XP has been removed from the supported operating system list



Software Version	5.6.1
Release Date	31 <sup>st</sup> January 2023
Supported Operating Systems	Windows 10 / 11 (x32/x64) Windows 7 / 8.1 (x32/x64) Windows Server 2012 R2 (x32/x64) Windows Vista (x32/x64) Windows XP SP3

### **New Features**

1. Support for SSL VPN with TLS 1.3

### **Improvements**

1. Improved the long-time WireGuard VPN stability
2. The VPN 2FA TOTP input field allows up to 6 characters
3. SSL VPN can be used to verify the Let's Encrypt server certificate
4. A battery warning message added when connecting the VPN with the battery-powered computer
5. A notification message will be shown when the user doesn't enter pre-shared key in IPsec & L2TP over IPsec profiles
6. Improvements to the tab displaying username & PIN code input dialog (mOTP)
7. The mOTP configuration page improvements
8. Fixed an issue with the SSL VPN 2FA authentication when SSL VPN disconnects
9. Fixed the pre-shared key that would not persist after switching the VPN type
10. SmartVPN Client would not allow 0.0.0.0/x IP when importing a WireGuard VPN config
11. The SmartVPN Client icon would disappear from system tray when explore.exe crashes
12. Vigor router would disconnect the VPN tunnel automatically if Ping to Keepalive failed three times in a row

### **Known Issues**

1. SmartVPN Client may display the error "Hardware failure in port or attached device" if reconnecting an SSL VPN after an extended SSL VPN stress test
2. Configuration & Usage of OpenVPN tunnels requires the OpenVPN Windows client software to be installed on the computer
3. Configuration & Usage of WireGuard tunnels requires the WireGuard Windows client software to be installed on the computer
4. Windows XP does not support User level account operation

Software Version	5.6.0
Release Date	1 <sup>st</sup> July 2022
Supported Operating Systems	Windows 10 / 11 (x32/x64) Windows 7 / 8.1 (x32/x64) Windows Server 2012 R2 (x32/x64) Windows Vista (x32/x64) Windows XP SP3

### **New Features**

1. Both .exe and .msi installers are now generally available for DrayTek's SmartVPN client. This allows for easier installation and update with the option to install silently
2. Support for TOTP 2-factor authentication of VPN (Google Authenticator), in combination with a VPN router which supports TOTP for Remote Dial-In User VPN authentication. This is currently supported by the Vigor 2962 & Vigor 3910 with 4.x.x firmware
3. VPN Matcher settings can be filled in automatically by importing the ".ovpn" config

### **Improvements**

1. Improved handling of SmartVPN's VPPP driver installation on Windows 10
2. Resolved an issue with SmartVPN's VPPP driver operating correctly within Windows 7
3. Improved installation procedure to advise users to restart the computer after installing or updating the SmartVPN VPPP driver
4. Improvements to the layout of some menus to unify the location of the OK button
5. French translation added for WireGuard
6. Static route settings can now be imported by loading a ".ovpn" config
7. Resolved an issue that could cause OpenVPN tunnels to drop after 1 hour of operation
8. Corrected a display issue with IP format of AllowedIPs entry if importing a WireGuard config file

### **Known Issues**

1. SmartVPN Client may display the error "Hardware failure in port or attached device" if reconnecting an SSL VPN after an extended SSL VPN stress test
2. Configuration & Usage of OpenVPN tunnels requires the OpenVPN Windows client software to be installed on the computer
3. Configuration & Usage of WireGuard tunnels requires the WireGuard Windows client software to be installed on the computer
4. Windows XP does not support User level account operation

Software Version	5.5.1
Release Date	10 <sup>th</sup> March 2022
Supported Operating Systems	Windows 10 (x32/x64) Windows 8.1 (x32/x64) Windows 7 (x32/x64) Windows Server 2012 R2 (x32/x64) Windows Vista (x32/x64) Windows XP SP3

### **New Features**

1. Supports turning off “Remember My Credentials”

### **Improvements**

1. Improvements to SSL VPN stability
2. Now supports a manually configured IKEv2 EAP DNS server
3. Improved SmartVPN Client display behaviour after the client is minimised to the system tray by the user and opened again

### **Known Issues**

1. SmartVPN Client may display the error “Hardware failure in port or attached device” if reconnecting an SSL VPN after an extended SSL VPN stress test
2. Configuration & Usage of OpenVPN tunnels requires the OpenVPN Windows client software to be installed on the computer
3. Windows XP does not support User level account operation

Software Version	5.5.0
Release Date	17 <sup>th</sup> July 2021
Supported Operating Systems	Windows 10 (x32/x64) Windows 8.1 (x32/x64) Windows 7 (x32/x64) Windows Server 2012 R2 (x32/x64) Windows Vista (x32/x64) Windows XP SP3

### **New Features**

1. Support for Wireguard VPN, in combination with Vigor 2962/3910 4.3.1 firmware  
Requires that the Wireguard VPN client software be installed on the same PC, before Wireguard tunnels can be configured and established

### **Improvements**

1. Added Ping to Keepalive option for use with IKEv2 EAP VPN tunnels

### **Known Issues**

1. SmartVPN Client may stop responding when performing a long-term performance test with an SSL VPN tunnel connected through a wireless network connection
2. Configuration & Usage of OpenVPN tunnels requires the OpenVPN Windows client software to be installed on the computer
3. Windows XP does not support User level account operation

Software Version	5.4.1
Release Date	24 <sup>th</sup> November 2020
Supported Operating Systems	Windows 10 (x32/x64) Windows 8.1 (x32/x64) Windows 7 (x32/x64) Windows Server 2012 R2 (x32/x64) Windows Vista (x32/x64) Windows XP SP3

### **New Features**

(None)

### **Improvements**

1. Improvements to the procedure of saving settings
2. The log file path would differ on some computers
3. Some profiles could not be imported after Windows Update

### **Known Issues**

1. SmartVPN Client may stop responding when performing a long-term performance test with an SSL VPN tunnel connected through a wireless network connection
2. Configuration & Usage of OpenVPN tunnels requires the OpenVPN Windows client software to be installed on the computer
3. Windows XP does not support User level account operation



Software Version	5.4.0
Release Date	10 <sup>th</sup> June 2020
Supported Operating Systems	Windows 10 (x32/x64) Windows 8.1 (x32/x64) Windows 7 (x32/x64) Windows Server 2012 R2 (x32/x64) Windows Vista (x32/x64) Windows XP SP3

### **New Features**

(None)

### **Improvements**

1. Improvements to SSL VPN tunnel stability with Windows 10
2. Increased SSL VPN download performance
3. Improved some translations for Portuguese language setting
4. Some text was not displayed correct when selecting IPsec encryption type
5. Resolved a problem with icon display when editing VPN profiles
6. Improvements to management of SmartVPN configuration files
7. The “Enable NetBIOS over TCP/IP” option could not be enabled for PPTP tunnels

### **Known Issues**

1. SmartVPN client may stop responding when performing a long-term performance test with an SSL VPN tunnel connected through a wireless network connection
2. Configuration & Usage of OpenVPN tunnels requires the OpenVPN Windows client software to be installed on the computer
3. Windows XP does not support User level account operation

Software Version	5.3.1
Release Date	24 <sup>th</sup> April 2020
Supported Operating Systems	Windows 10 (x32/x64) Windows 8.1 (x32/x64) Windows 7 (x32/x64) Windows Server 2012 R2 (x32/x64) Windows Vista (x32/x64) Windows XP SP3

### **New Features**

(None)

### **Improvements**

1. Fast SSL mode is now enabled by default for SSL VPN tunnels for increased performance
2. Username and Passwords can now be up to 128 characters in length
3. Improved some translations for German and Polish language settings
4. Resolved an issue that could cause VPN profile information to be lost in some circumstances
5. Improved L2TP over IPsec compatibility with Windows 7 operating system

### **Known Issues**

1. Configuration & Usage of OpenVPN tunnels requires the OpenVPN Windows client software to be installed on the computer
2. Windows XP does not support User level account operation

Software Version	5.3.0
Release Date	20th September 2019
Supported Operating Systems	Windows 10 (x32/x64) Windows 8.1 (x32/x64) Windows 7 (x32/x64) Windows Server 2012 R2 (x32/x64) Windows Vista (x32/x64) Windows XP SP3

### **New Features**

1. Support for DrayTek VPN Matcher service for OpenVPN tunnels:
  - a. Helps VPN clients connect to a DrayTek VPN router that connects to the Internet through a firewall or additional NAT router without port forwarding, which would not otherwise be able to accept VPN connections
  - b. Suitable for usage with Cone NAT environments
2. IKEv2 EAP VPN tunnels now support Mobile One-Time Password (MOTP) authentication

### **Improvements**

1. Improvements to the SmartVPN service initialisation method in Windows
2. Configuration file for DrayTek SmartVPN client is now fully encrypted
3. Improvements to the Statistics window for OpenVPN tunnels
4. "IKEv2" is now referred to in the SmartVPN client as "IKEv2 EAP"
5. Improved compatibility with Windows XP
6. SmartVPN client could not establish a VPN tunnel if the Windows user account directory name contained some non-alphanumeric characters
7. Improved how the application is displayed in Windows "Programs and Features" / "App & features" control panels

### **Known Issues**

1. Configuration & Usage of OpenVPN tunnels requires the OpenVPN Windows client software to be installed on the computer
2. Windows XP does not support User level account operation

Software Version	5.2.0
Release Date	20th September 2019
Supported Operating Systems	Windows 10 (x32/x64) Windows 8.1 (x32/x64) Windows 7 (x32/x64) Windows Server 2012 R2 (x32/x64) Windows Vista (x32/x64) Windows XP SP3

### **New Features**

1. OpenVPN is now supported (Windows 7 and later).  
Make sure that the OpenVPN Client is pre-installed on your computer
2. OpenVPN 'ovpn' config files are supported
3. Support of the export / import SmartVPN profiles added

### **Improvements**

(None)

### **Known Issues**

1. Windows XP does not support User level account operation

Software Version	5.1.0
Release Date	NA
Supported Operating Systems	Windows 10 (x32/x64) Windows 8.1 (x32/x64) Windows 7 (x32/x64) Windows Server 2012 R2 (x32/x64) Windows Vista (x32/x64) Windows XP SP3

### **New Features**

(None)

### **Improvements**

1. IKEv2 EAP tunnel support for Windows 10
2. VPN server port setup for SSL tunnel
3. Credential settings mechanism improved
4. Fast SSL is set to disabled by default
5. 'View Log' added to the taskbar context menu
6. 'Connect / Disconnect' added to the taskbar context menu
7. Active Profile can be selected when using 'Auto run when system start up' feature
8. An error could occur when 'Display Scale' was set to 125%
9. In some circumstances Windows would not shutdown properly while SSL tunnel was up
10. Display of the L2TP over IPsec profile settings improved

### **Known Issues**

1. Windows XP does not support User level account operation

Software Version	5.0.2
Release Date	28 <sup>th</sup> May 2019
Supported Operating Systems	Windows 10 (x32/x64) Windows 8.1 (x32/x64) Windows 7 (x32/x64) Windows Server 2012 R2 (x32/x64) Windows Vista (x32/x64) Windows XP SP3

### **New Features**

(None)

### **Improvements**

1. Improved Smart VPN Client application launch behaviour with Windows 10 version 1809 and later. The Smart VPN Client window sometimes did not appear with this version of Windows

### **Known Issues**

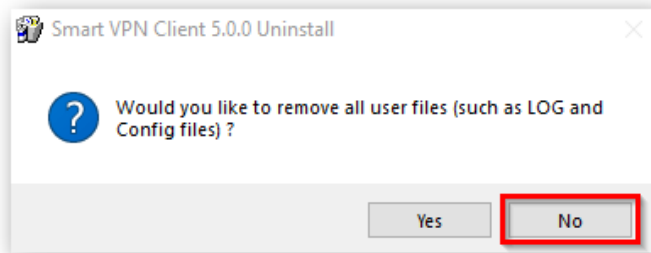
1. Windows XP does not support User level account operation

Software Version	5.0.1
Release Date	18 <sup>th</sup> March 2019
Supported Operating Systems	Windows 10 (x32/x64) Windows 8.1 (x32/x64) Windows 7 (x32/x64) Windows Server 2012 R2 (x32/x64) Windows Vista (x32/x64) Windows XP SP3

### **Important Note for Windows 10 Users**

Smart VPN Client 5.0.1 installs an updated VPPP driver to improve compatibility with Windows 10. If upgrading from DrayTek Smart VPN 5.0.0, uninstall the Smart VPN Client 5.0.0 to ensure that the previous VPPP driver is removed correctly.

- **IMPORTANT:** During the uninstallation, choose **No** when asked if you want to ‘**remove all user files (such as LOG and Config files)**’ to keep the existing VPN config & log files so that they can be used with DrayTek Smart VPN Client 5.0.1:



Once Smart VPN Client 5.0.0 has been uninstalled, install Smart VPN Client 5.0.1.

### **New Features**

(None)

### **Improvements**

1. Support for French, Polish and Italian languages
2. Updated VPPP driver signing method to improve compatibility with Windows 10
3. An incorrect warning notification could be displayed for local & remote network address conflicts
4. After creating a VPN profile, Smart VPN now jumps to the Connection tab
5. Updated icons to match mobile versions of Smart VPN client

### **Known Issues**

1. Windows XP does not support User level account operation

Software Version	5.0.0
Release Date	10 <sup>th</sup> September 2018
Supported Operating Systems	Windows 10 (x32/x64) Windows 8.1 (x32/x64) Windows 7 (x32/x64) Windows Server 2012 R2 (x32/x64) Windows Vista (x32/x64) Windows XP SP3

### **New Features**

1. New interface design to simplify and optimise the user experience with three sections:
  - i. **Connection**      Connect & disconnect selected VPN profile and view VPN status
  - ii. **Profiles**        Manage VPN profiles
  - iii. **Settings**        Configure SmartVPN application settings

### **Improvements**

1. Two display themes available in the Settings menu – Light & Dark
2. Profile configuration is now performed from a single menu with IP settings & advanced VPN settings configurable by clicking on the “IP Property” and “Advanced Options” headings
3. Automatic detection of the same local and remote subnet, if this occurs, SmartVPN will prompt to add more subnet settings to access remote servers
4. SmartVPN no longer allows two VPN profiles to be configured with the same name
5. SSL VPN tunnel could not connect if Server Certificate Authentication was enabled
6. Support for English, Traditional Chinese, Simplified Chinese, German and Portuguese languages

### **Known Issues**

1. Windows XP does not support User level account operation



Software Version	4.3.4
Release Date	4 <sup>th</sup> May 2018
Supported Operating Systems	Windows 10 (x32/x64) Windows 8.1 (x32/x64) Windows 7 (x32/x64) Windows Server 2012 R2 (x32/x64) Windows Vista (x32/x64) Windows XP SP3

#### **New Features**

1. User level accounts in Windows can now operate the DrayTek Smart VPN Client. DrayTek Smart VPN Client requires Administrator privileges for installation

#### **Improvements**

(None)

#### **Known Issues**

1. Windows XP does not support User level account operation
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Software Version	4.3.3.3
Release Date	30 <sup>th</sup> November 2016
Supported Operating Systems	Windows 10 (x32/x64) Windows 8.1 (x32/x64) Windows 7 (x32/x64) Windows Server 2012 R2 (x32/x64) Windows Vista (x32/x64) Windows XP SP3

#### **New Features**

1. Support for Windows Server 2012 R2

#### **Improvements**

1. L2TP over IPsec tunnel could not be established with Windows 10

#### **Known Issues**

(None)

Software Version	4.3.3.2
Release Date	26 <sup>th</sup> September 2016
Supported Operating Systems	Windows 10 (x32/x64) Windows 8.1 (x32/x64) Windows 7 (x32/x64) Windows Vista (x32/x64) Windows XP SP3

### **New Features**

1. VPN profiles now have an option to "Remember Password" per profile, so that users can be prompted to enter the password each time and will not be stored

### **Improvements**

1. SmartVPN could not be installed while a previous version of SmartVPN client was running
2. Removed "DES/3DES/AES only" security methods for Windows 7 and later OS because those options are no longer supported by the operating system
3. Username and Password settings for a VPN profile are now only shown when "Disable pop-up VPN information window..." is enabled when configuring a VPN profile
4. WINS address can now be configured in Windows 7 and later OS for SSL/PPTP/L2TP/L2TP over IPsec VPN profiles
5. If a port number is specified in the VPN Server IP/Host field (i.e. for SSL VPN), that setting is ignored when dialling an IPsec/PPTP/L2TP/L2TP over IPsec tunnel
6. SSL VPN tunnel now supports TLS 1.1 and TLS 1.2
7. DH Group 14 key exchange algorithm now supported
8. For SSL VPN tunnels "Enable SSL 3.0" is no longer enabled by default

### **Known Issues**

(None)

Software Version	4.3.3.1
Release Date	26 <sup>th</sup> September 2016
Supported Operating Systems	Windows 10 (x32/x64) Windows 8.1 (x32/x64) Windows 7 (x32/x64) Windows Vista (x32/x64) Windows XP SP3

#### **New Features**

(None)

#### **Improvements**

1. Resolved Profile display issue in Windows 8/10 when changing "L2TP over IPsec" tunnel to "L2TP".
2. Routing table entry for SSL Tunnel was not cleared in Windows after tunnel disconnected.
3. Profiles are now displayed in alphabetical order.
4. SSL Tunnel keepalive function did not operate correctly.

#### **Known Issues**

(None)

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Software Version	4.3.3.a
Release Date	24 <sup>th</sup> September 2015
Supported Operating Systems	Windows 10 (x32/x64) Windows 8.1 (x32/x64) Windows 7 (x32/x64) Windows Vista (x32/x64) Windows XP SP3

#### **New Features**

1. SSL Tunnel support added for Windows 10

#### **Improvements**

(None)

#### **Known Issues**

(None)

Software Version	4.3.3
Release Date	4 <sup>th</sup> September 2015
Supported Operating Systems	Windows 8.1 (x32/x64) Windows 7 (x32/x64) Windows Vista (x32/x64) Windows XP SP3

#### **New Features**

1. "Netbios over TCP/IP" option added for PPP type (L2TP, PPTP & SSL) VPN tunnels.
2. IPSec AES-256 encryption support added for Windows Vista / 7 / 8 / Server 2008.
3. IPSec through NAT options improved for Windows Vista / 7 / 8.
4. Added an option "Don't show this confirmation window again for this profile" which will stop the confirmation pop-up from displaying when connecting a configured VPN tunnel.

#### **Improvements**

1. The client is no longer closed when clicking the "X" button on the application window. To shut down the VPN client, right click the system tray icon and select Exit.
2. An IPsec tunnel could stop working due to the key updating too frequently.

#### **Known Issues**

(None)

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Software Version	4.3.2.1
Release Date	17 <sup>th</sup> February 2015
Supported Operating Systems	Windows 8.1 (x32/x64) Windows 7 (x32/x64) Windows Vista (x32/x64) Windows XP SP3

#### **New Features**

(None)

#### **Improvements**

1. Resolved an issue that could cause SmartVPN client applicatino to crash in some scenarios.

#### **Known Issues**

(None)

Software Version	4.3.2.0
Release Date	7 <sup>th</sup> January 2015
Supported Operating Systems	Windows 8.1 (x32/x64) Windows 7 (x32/x64) Windows Vista (x32/x64) Windows XP SP3

#### **New Features**

(None)

#### **Improvements**

1. SSL3 now disabled in favour of TLS by default for SSL VPN.
2. Added an option to "Enable SSL3.0" for compatibility purposes.
3. Added an "Auto" option for MPPE Encryption setup in the PPTP Setup dialog.
4. The default MPPE Encryption setting for PPTP VPN connections is now "Auto".
5. Pressing the Enter key will no longer cancel a dialog box or the VPN dialup process.

#### **Known Issues**

(None)

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Software Version	4.3.1.0
Release Date	29 <sup>th</sup> August 2014
Supported Operating Systems	Windows 8.1 (x32/x64) Windows 7 (x32/x64) Windows Vista (x32/x64) Windows XP SP3

#### **New Features**

(None)

#### **Improvements**

1. SSL Tunnel performance improved for new models:
  - a. Vigor 2860 / Vigor 2925: Version 3.7.6 and above
  - b. Vigor 2960 / Vigor 3900: Version 1.0.9 and above

#### **Known Issues**

(None)

Software Version	4.2.2.0
Release Date	11 <sup>th</sup> March 2013
Supported Operating Systems	Windows 8.1 (x32/x64) Windows 7 (x32/x64) Windows Vista (x32/x64) Windows XP SP3

#### **New Features**

(None)

#### **Improvements**

1. SSL Tunnel performance improved in VDSL environments

#### **Known Issues**

(None)

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Software Version	4.1.0.1
Release Date	6 <sup>th</sup> December 2012
Supported Operating Systems	Windows 8.1 (x32/x64) Windows 7 (x32/x64) Windows Vista (x32/x64) Windows XP SP3

#### **New Features**

1. Support for Windows 8 operating system.

#### **Improvements**

(None)

#### **Known Issues**

(None)

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