

Nokia Mobile VPN Client for Symbian Belle

1	About this document.....	2
2	Availability.....	2
3	New Features.....	2
3.1	VPN Indicator in Status Bar.....	3
3.2	VPN Management UI Move Up.....	4
3.3	VPN Toggle.....	5
3.4	VPN Shortcut in Status Pane.....	6
3.5	VPN Homescreen Widget.....	7
4	The Impacts of Using VPN Toggle.....	8
5	Support and More Info.....	8



1 ABOUT THIS DOCUMENT

This document describes the new Nokia Mobile VPN Client for Symbian Belle product.

2 AVAILABILITY

New Nokia Mobile VPN client is available for Symbian Belle products via SW Update, Ovi Store or [Nokia mVPN support site](#). At a later phase it will be included in the phone Firmware. The version number of the first released revision of Nokia Mobile VPN Client is 44.1.3, which can be checked from VPN Log view in Connectivity Settings. The version number is shown as 44.x.y, where x and y denote subrevisions including latest fixes.

3 NEW FEATURES

New Mobile VPN Client comes with a new VPN UI components and new VPN access method. The target has been to create an easier way to connect via VPN and also to provide means to quickly check if VPN Connection is active. New features include:

- VPN Indicator in Status Bar: Indicates to the user when VPN Connection is active
- VPN Toggle: Forces connections to VPN, no need to choose Intranet anymore
- VPN Shortcut in Status Pane: Takes user directly to VPN UI
- VPN Management UI move up: Makes VPN UI access easier
- VPN Homescreen Widget: Easy access to VPN Toggle from Homescreen

Otherwise the new version is functionally equivalent with the previous version 4.3 used in Symbian Anna products. In the following chapters the new features are explained in detail.

3.1 VPN Indicator in Status Bar

VPN Indicator in Status Bar shows to the user when VPN Connection is active. When present, VPN Indicator replaces the GSM/3G/WLAN Connectivity Indicator. In the two screenshots below VPN Indicator is absent and present:



3.2 VPN Management UI Move Up

VPN Management UI has moved up one level at the settings tree for making the access to it easier. It can be now found directly at Settings -> Connectivity menu:



3.3 VPN Toggle

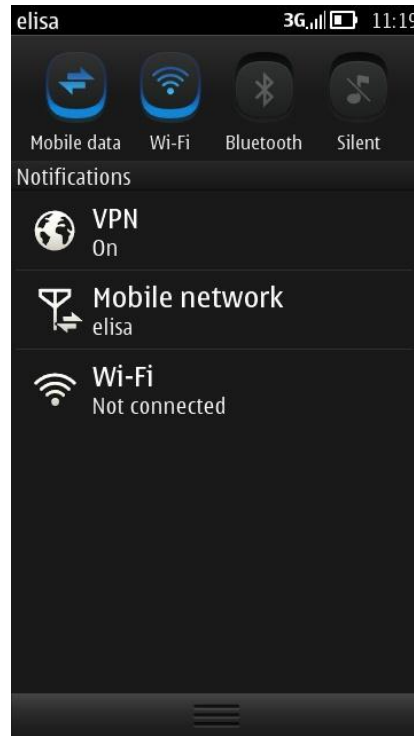
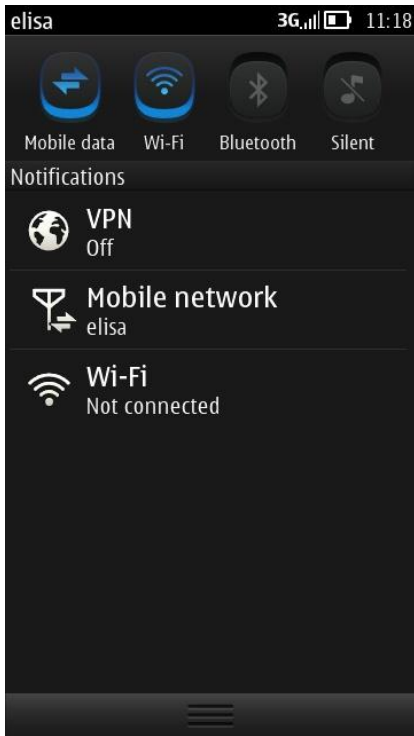
VPN Toggle is a new concept that makes it easy to use VPN connection. When Toggle is OFF, connections are created normally. When Toggle is set ON, all subsequent connections created to Internet Destination are diverted to Intranet Destination, which contains the VPN Access Point. Also, all existing connections to Internet Destination are disconnected, and when application reconnects, the connection will be created via Intranet Destination. Conversely, when Toggle is set from ON to OFF, all existing Intranet connections created by VPN Toggle are disconnected. VPN Toggle can be accessed at VPN Management UI:



Note, that switching VPN Toggle on does not mean that VPN Connection is created, unless there is an application, which reconnects right away. Thus, VPN Indicator is not shown if there is no VPN connection even though VPN Toggle is ON.

3.4 VPN Shortcut in Status Pane

VPN Shortcut in the Status Pane provides easy access to check VPN Toggle status and to go to VPN Management UI:



3.5 VPN Homescreen Widget

VPN Homescreen Widget provides easy access to VPN Toggle right from the Homescreen. To use it user needs to first install it in the Homescreen by tapping a couple of seconds in the Homescreen area and then adding the widget:



Then the Widget appears in the Homescreen. Widget shows the VPN Toggle status and by clicking it the status can be changed.



4 THE IMPACTS OF USING VPN TOGGLE

The new VPN Toggle changes the way how VPN Connections are created. When VPN Toggle is ON, all subsequent connections requested to Internet Destination are diverted to Intranet Destination, which contains the VPN access point(s). In the following paragraph the impacts of this new connection mechanism are explained

Most of the applications using Internet connections usually connect via Internet Destination or via Default destination, which itself is by default Internet Destination. Thus, VPN Toggle automatically reroutes those connections via VPN. There may be, however, applications that use directly some Internet Access Point, like WLAN or 3G, and those connections are not affected by VPN Toggle.

VPN Toggle does not itself create any VPN connection. It only forces subsequent connections to be rerouted via VPN, or actually via Intranet Destination. If there are any existing connections via Internet Destination when VPN Toggle is set ON, they are disconnected, and any application using the connection needs to reconnect, which is then done via VPN. Depending on the application, it may cause a notable break in the application behaviour. Depending on the VPN Policy used, it is also possible that the service used in the Internet is not at all available in the Intranet. Consult your network administrator to check the availability of Internet services in the Intranet you are using.

Some applications, like for instance small widgets or messengers may create a lot of short-lived connections. Also, some applications may create connections at background. If such applications are using Internet Destination, their behaviour is impacted by VPN Toggle, and their connections are rerouted via VPN. If VPN Policy requires user to give credentials during the connection establishment, that may cause problems, since user needs to frequently enter the requested username/password or even worse, user may even miss the whole query, if he is not looking at the phone at the time. In such cases silent policies (Certificates, Silent Xauth), if possible, are better options or user can configure the applications to use other connection method or user should use VPN Toggle only when VPN connection is specifically needed.

Mobile VPN Client still supports legacy connection methods, i.e. applications can use directly VPN Access Points and Intranet Destination. In some cases it may be desirable. If some application is always using Intranet connection, it is better to configure it to use directly VPN Access Point. Then VPN Toggle is not needed to be used for that application. Also, in that case switching VPN Toggle ON/OFF does not interrupt the existing VPN Connection from that application.

In some cases user may have multiple VPN Policies, which are each mapped to own VPN Access Points in the Intranet Destination. When VPN Toggle is used, the first available VPN Access Point is automatically chosen for the connection. If another VPN Access Point is desired to be used, it needs to be placed in the first position in the access point list in Intranet Destination.

5 SUPPORT AND MORE INFO

More information about Nokia Mobile VPN Client is available at is [Nokia Mobile VPN Support Site](#) and [Nokia Mobile VPN Download Page](#).

For additional support contact your country's [Nokia Support Center](#).