

Vodafone Mobile Broadband via the phone

Administrator's guide for SME

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Product features

Requirements

This section describes the hardware and software requirements for the Vodafone Mobile broadband via the phone (VTP) software. The requirements refer to VTP version 2.3.20 and may therefore be outdated. Please check the latest release documents of VTP for new or more information.

Operating system requirements

VTP requires one of the following operating systems:

- Windows® XP® and Service Pack 2/3
- Windows Vista® 32/64 Bit.

Hardware requirements

The hardware requirements for Vodafone via the phone are described below:

- CPU: Minimum Pentium®/Celeron® 233 MHz;
Recommended: Pentium 300 MHz
- RAM: Minimum 128 MB; Recommended 256 MB
- HDD: 20 MB free space
- A supported Mobile Device (See page 4)
- USB connection cable between PC and Mobile Device.

Please note, that the operating system used may require a higher level of computer hardware. Check the release notes of your operating system for more information.

Constraints

The following constraints are known when using VTP. Please note that these constraints refer to VTP version 2.3.20 and may be outdated. Please check the latest Vodafone mobile broadband via the phone release documents for new or more information.

- Exclusive access is required to the USB port that is being used
- Using a USB hub to connect to the mobile device may cause problems
- Admin user rights are required for installation.

Supported devices

The following list shows all supported devices. The list refers to VTP version 2.3.20 and may be outdated. Please check the latest VTP release documents for more or new information.

Device	IMEI	Device information			Connectivity
		IMSI	Device Name	MSISDN	Data connection
Embedded solutions					
LG Arena KM900	Yes	Yes	Yes	Yes	Yes**
LG KF310	Yes	Yes	Yes	Yes	Yes**
LG KP270	Yes	Yes	Yes	No	Yes**
LG Renoir KC910	Yes	Yes	Yes	Yes	Yes**
Samsung Loches S8300	Yes	Yes	Yes	No	Yes**
Samsung Steel SGH-L810V	Yes	Yes	Yes	No	Yes**
Vodafone V724 FM	Yes	Yes	Yes	Yes	Yes**
Vodafone V725 (firmware V107)	Yes	Yes	Yes	Yes	Yes
Vodafone V735	Yes	Yes	Yes	Yes	Yes**
Vodafone V736	Yes	Yes	Yes	Yes	Yes**
Vodafone V810	Yes	Yes	Yes	Yes	Yes**
Vodafone V830	Yes	Yes	Yes	Yes	Yes
Vodafone V830i	Yes	Yes	Yes	Yes	Yes**
VTP Full supported devices					
BlackBerry® 9000 Bold	Yes	Yes	Yes	No	Yes**
BlackBerry® 9500 Storm	Yes	Yes	Yes	No	Yes**
Nokia 5300	Yes	Yes	Yes	Yes	Yes**
Nokia 5610	Yes	Yes	Yes	Yes	Yes**
Nokia 6020	Yes	Yes	Yes	Yes	Yes**
Nokia 6120 classic	Yes	Yes	Yes	No	Yes**
Nokia 6124	Yes	Yes	Yes	Yes	Yes**
Nokia 6210	Yes	Yes	Yes	Yes	Yes**
Nokia 6230i	Yes	Yes	Yes	No	Yes**
Nokia 6233 (6234 in South Africa)	Yes	Yes	Yes	Yes	Yes**
Nokia 6234	Yes	Yes	Yes	Yes	Yes**
Nokia 6280	Yes	Yes	Yes	Yes	Yes**
Nokia 6288	Yes	Yes	Yes	Yes	Yes**
Nokia 6300	Yes	Yes	Yes	Yes	Yes**
Nokia 6630	Yes	Yes	Yes	Yes	Yes**
Nokia 6680	Yes	Yes	Yes	Yes	Yes**
Nokia E51	Yes	Yes	Yes	Yes	Yes**
Nokia E65	Yes	Yes	Yes	Yes	Yes**
Nokia N70	Yes	Yes	Yes	Yes	Yes**
Nokia N72	Yes	Yes	Yes	Yes	Yes**
Nokia N73	Yes	Yes	Yes	Yes	Yes**
Nokia N78	Yes	Yes	Yes	Yes	Yes**
Nokia N80	Yes	Yes	Yes	Yes	Yes**
Nokia N81	Yes	Yes	Yes	Yes	Yes**

Nokia N95	Yes	Yes	Yes	Yes	Yes	Yes**
Nokia N95 8GB	Yes	Yes	Yes	Yes	Yes	Yes**
Nokia N96	Yes	Yes	Yes	Yes	Yes	Yes**
Samsung J700	Yes	Yes	Yes	Yes	No	Yes**
Samsung L760	Yes	Yes	Yes	Yes	No	Yes**
Samsung L770	Yes	Yes	Yes	Yes	No	Yes**
Samsung SGH E250	Yes	Yes	Yes	Yes	No	Yes**
Samsung SGH ZV10	Yes	Yes	Yes	Yes	No	Yes**
Samsung SGH ZV60	Yes	Yes	Yes	Yes	No	Yes**
Samsung U700	Yes	Yes	Yes	Yes	No	Yes**
Samsung U900	Yes	Yes	Yes	Yes	No	Yes**
Sony Ericsson C902	Yes	Yes	Yes	Yes	No	Yes**
Sony Ericsson C905	Yes	Yes	Yes	Yes	No	Yes
Sony Ericsson K770i	Yes	Yes	Yes	Yes	No	Yes
Sony Ericsson K800i	Yes	Yes	Yes	Yes	No	Yes
Sony Ericsson V640i	Yes	Yes	Yes	Yes	No	Yes
Sony Ericsson W880i	Yes	Yes	Yes	Yes	No	Yes
Sony Ericsson W890i	Yes	Yes	Yes	Yes	No	Yes
Sony Ericsson W910i	Yes	Yes	Yes	Yes	No	Yes
Sony Ericsson W980i	Yes	Yes	Yes	Yes	No	Yes**

** The device does not present a second port that can be used for concurrent data connection and other information collection.

Configuration of the installation

Vodafone Mobile Broadband via the phone is available as an on device embedded solution (limited set of devices) as well as a standalone solution known as VTP Full. This section is only relevant for customers using the Full solution. Users of an embedded version will not be able to customise the installation.

Components of the VTP Full solution

Vodafone Mobile Broadband VTP (Full) consists of two installers:

- VTP_Setup\Setup.exe
- VTP_Full_Setup\Vodafone Mobile Broadband VTP Full MSI.

The first installer contains the main VTP application.

The second installer contains the VTP Full specific components and the RIM® drivers.

The installers must be executed in the above order. The following sections describe the command line parameters for both MSI installers.

Customise the VTP installation

General description

The VTP Setup executable is an installation package based on MSI technologies. MSI packages can be configured with command line parameters. This allows the configuration of Vodafone VTP to be customised before the installation is started.

MSI commands are sent as command parameters to the setup executable.

The following code is a sample command line:

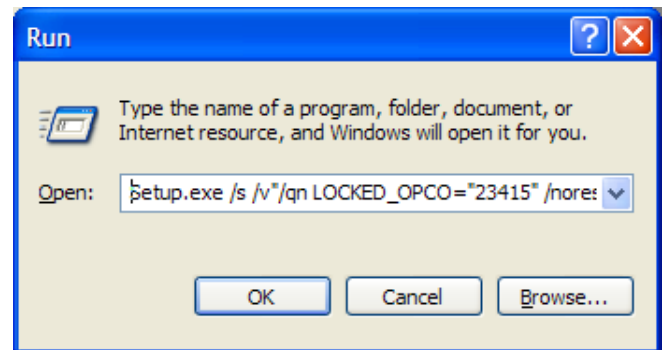
```
Setup.exe /V"/qn LOCKED_OPCO="23415" /norestart"
```

- 'Setup.exe' calls installation of the software
- '/s' deactivates the user interface (silent installation) for the setup.exe
- '/v' is the parameter to sent MSI commands to the installer (all MSI parameters must be inside speech marks)

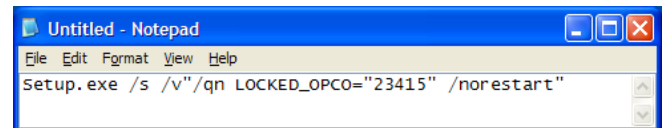
- parameters which can be sent to the M(using the '/v' parameter) include:
 - '/qn' deactivates the user interface (silent installation)
 - 'LOCKED_OPCO ="OPCO Code"' determines which operator network will be installed
 - '/norestart' suppresses a reboot if one would normally be required.

This MSI command line would install the VTP software silently (without a user interface, meaning the user cannot interact with the installation procedure) for the Vodafone UK operating company (OPCO = 23415) and without a reboot of the system after the installation.

MSI command line parameters can be called directly via the Windows command line:



Or they can be executed from a batch file for multiple use:



Please note that the current file location of the Setup.exe must be included in the command, if it is not in the same location as the batch file.

MSI Commands

This section describes all possible MSI commands for the installation package.

Command line parameters overview

The following Setup.exe command line parameters can be used to configure the setup.exe installer.

Parameter	Values	Description
/v	"MSI command line parameter separated by spaces"	Used to pass any MSI command line parameters to the MSI (see table below)
/s	---	Hides the Setup.exe user interface

The following MSI command line parameters can be used to configure the MSI package by using '/v' before the first parameter specified.

Parameter	Values	Description
/l	[i w e a r u c m p v + !]Logfile	Specifies the log file path and indicates the flags to be logged. i - Status messages w - Non-fatal warnings e - All error messages a - Startup of actions r - Action-specific records u - User requests c - Initial UI parameters m - Out-of-memory or fatal exit information o - Out-of-disk-space messages p - Terminal properties v - Verbose output x - Extra de-bugging information + - Append to existing log file ! - Flush each line to the log * - Log all information, except for v and x options
/q	n b r f	Sets user interface level n - No UI at all - 'silent install' b - Basic UI - small progress bars displayed, but not interactive r - Reduced UI - standard windows displayed to report progress, but not interactive f - Full UI (default) - fully interactive
/norestart	---	Do not restart and do not show message box for restart request
LOCKED_OPCO	23415 for Vodafone UK 26202 for Vodafone DE ... More values are detailed in the FAQ section or in the file connections.xml	Determines the operator network to be installed Not needed when using LOCKED_CONNECTION
LOCKED_BILLING_TYPE	Contract PayAndGo	Defines the billing type Not needed when using LOCKED_CONNECTION

LOCKED_CONNECTION	Vodafone UK Contract ... More values are detailed in the FAQ section or in the file connections.xml or userconnections.xml	Installs a connection type specified in the connections.xml or userconnections.xml
INSTALL_FLEXNET	1 (Default) 0	Installs or disables the Flexnet update software

Lock OpCo

With the command line parameter LOCKED_OPKO the installation can be locked to a specific operating company. For example: LOCKED_OPKO="23415"

VTP supports the following operators:

Operator	Opco	Embedded		VTP Full	
		EULA	EULA Language	EULA Language	EULA Language
Vodafone UK	23415	UK	English	UK	English
Airtel-Vodafone	23403	General	English	General	English
A1	23201	General	English	General	English
Bel Proximus	20601	Belgium	English	Belgium	French
Vodafone.de	26202	Germany	German	German	German
vodafone ES	21401	Spain	Spanish	Spain	Spanish
vodafone IT	22210	Italy	Italian	Italy	Italian
vodafone P	26801	Portugal	Portuguese	Portugal	Portuguese
SFR	20810	France	French	France	French
Vodafone NL	20404	Netherlands	Dutch	Netherlands	Dutch
Vodafone IE	27201	Ireland	English	Ireland	English
VF SE	24006	General	English	General	English
Vodafone HU	21670	Hungary	Hungarian	Hungary	Hungarian
Vodafone Greece	20205	Greece	Greek	Greece	Greek
Vodafone NZ	53001	NZ	English	NZ	English
Vodafone AU	50503	Australia	English	Australia	English
Vodafone Malta	27801	General	English	General	English
Vodafone EG	60202	Egypt	English	Egypt	English
Vodacom	65501	South Africa	English	South Africa	English
HR VIP	21910	Croatia	English	Croatia	Croatian
Si.mobil-Vodafone	29340	General	English	General	English
FI Elisa	24405	General	English	General	English
TDC	23801	General	English	General	English
TDC SONG Norway	2380171	General	English	General	English
Zain BH	42602	General	English	General	English
KT MTCNet	41902	General	English	General	English
EE Elisa	24802	General	English	General	English
Elisa Estonia	24802	General	English	General	English
Vodafone Fiji	54201	General	English	General	English
Vodafone Iceland	27402	General	English	General	English
L LUXGSM	27001	General	English	General	English
Swisscom	22801	General	English	General	English
CYTAMOBILE-VODAFONE	28001	General	English	General	English
Vodafone RO	22601	Romania	Romanian	Romania	Romanian
SmarTone-Vodafone	45406	Hong Kong	English	Hong Kong	English
M – Tel	28401	Bulgaria	Bulgarian	Bulgaria	Bulgarian

Vodafone CZ	23003	Czech	Czech	Czech	Czech
IND Excelcom	51011	General	English	General	English
Bite Latvija	24705	Latvian	Latvian	Latvian	Latvian
Bite Lietuva	24602	Lithuanian	Lithuanian	Lithuanian	Lithuanian
Celcom Malaysia	50219	Malaysia	English	Malaysia	English
SGP-M1-3GSM	52503	General	English	General	English
SRI DIALOG	41302	Sri Lanka	English	Sri Lanka	English
VODAFONE TR	28602	Turkey	Tukish	Turkey	Turkish
Vodafone India	Various	India	English	India	English
Vodafone Albania	27602	General	English	General	English
Vodafone JP	44020	General	English	General	English

Lock billing type

VTP can be locked to a specific billing type by using the parameter LOCKED_BILLING_TYPE. Example: LOCKED_BILLING_TYPE="Contract"

Valid settings are:

- Contract
- PayAndGo.

If this setting used, the user will not be prompted to select the billing type on the first run.

Disable the software update module

The Flexnet software update feature is deployed by default. This can be suppressed using INSTALL_FLEXNET=0

Customise the VTP Full Installation

General description

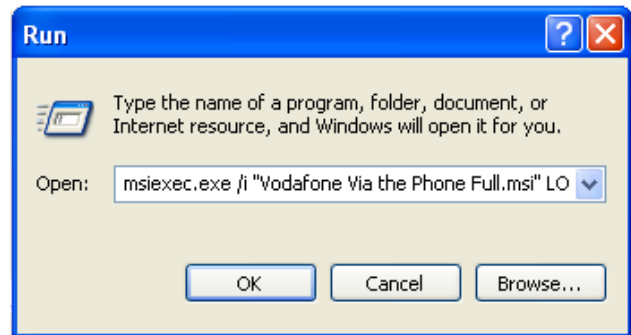
MSI packages can be generally configured with command line parameters. This allows the settings of Vodafone VTP to be changed without making any changes to the installation package.

The following code is a sample MSI command line:

- Msiexec.exe /i "Vodafone Mobile Broadband via the phone Full.msi" RIM_DRIVERS="0" /norestart /qn
- Msiexec.exe calls the Microsoft® Windows Installer which installs the MSI-Package
- /i "msi filename" is the command for installation of a MSI-Package
- RIM_DRIVERS="0" prevents the RIM drivers from being installed
- /norestart suppresses a reboot if required
- /qn sets silent installation (no user interface).

This MSI command line would install the Vodafone VTP software silently (without any user interface, that means the user has no interaction with the installation procedure) with the Vodafone UK OPCO (OPCO = 23415) and without a reboot of the system after the installation.

MSI command line parameters can be called directly via the Windows command line:



Or they can be executed from a batch file for multiple use:

Please note that the current file location of the MSI file must be included in the command, if it is not in the same location the Msiexec.exe or the batch file:



Msiexec.exe /i "D:\Vodafone Mobile Broadband via the phone Full.msi" RIM_DRIVERS="0" /norestart /qn

Command line parameters for the VTP Full installer

Disable RIM driver installation

Drivers for RIM devices are installed by default. This can be suppressed using:

RIM_DRIVERS=0.

Enable manual start and manual stop of VTP:

The default behaviour of VTP Full is to automatically launch when a supported device is inserted and to automatically shutdown when the device currently in use is removed. This can be suppressed so that VTP does not automatically launch or shutdown when the device is inserted/removed using:

MANUALSTARTSTOP=1.

The close ('X' icon) button on the main VTP interface will fully shutdown VTP when manual start and stop is enabled instead of the default behaviour which minimises the user interface.

Due to the normal behaviour of VTP relaying on an auto run mechanism to launch when a device is detected, there is no obvious method for the user to launch VTP when manual start stop mode is enabled.

It is the responsibility of the administrator/installer to create the required end user shortcuts to launch VTP. The file specified below should be the target of any shortcuts to launch VTP manually.

<Program Files Directory>\Vodafone\Via the phone\VodafoneLauncher.exe

Additional drivers

Please note that Vodafone Mobile Broadband VTP (Full) contains drivers for RIM devices only. Additional drivers supported by VTP (see **Error! Reference source not found.**) must be installed separately. The necessary driver packages are available from the respective manufacturer's website.

Uninstall VTP Full

This section describes the two ways in which Vodafone Mobile Broadband via the phone Full can be uninstalled.

Uninstall from Add or Remove programs

Following the correct installation of both the "Vodafone Mobile Broadband via the phone.msi" and "Vodafone Mobile Broadband via the phone Full.msi" there will be a single entry in Add or Remove Programs Named "Vodafone Mobile Broadband via the phone".

To uninstall VTP simply select to remove this application. This will remove both the msi's installed during the install procedure.

Command line Uninstall (No UI)

VTP can be uninstalled from the command line using msiexec.exe.

Both the "Vodafone Mobile Broadband via the phone.msi" and "Vodafone Mobile Broadband via the phone Full.msi" must be uninstalled in the reverse order they were installed. So the VTP Full msi must be uninstalled first.

The commands for uninstalling each msi are listed below:

- Vodafone Mobile Broadband via the phone.msi:
 - msiexec.exe /x {34A0FF07-F11A-4157-84A3-92F8AD688CBF} /qn
- Vodafone Mobile Broadband via the phone Full.msi:
 - msiexec.exe /x {E61D4E96-34D3-4B7B-BA0C-337D540D22EB} /qn.

Appendix A VTP MSI command line parameter

Parameter	Values	Description
/l	[i w e a r u c m p v + !]Logfile	Specifies the log file path and indicates the flags to be logged i - Status messages w - Non-fatal warnings e - All error messages a - Startup of actions r - Action-specific records u - User requests c - Initial UI parameters m - Out-of-memory or fatal exit information o - Out-of-disk-space messages p - Terminal properties v - Verbose output x - Extra de-bugging information + - Append to existing log file ! - Flush each line to the log * - Log all information, except for v and x options
/q	n b r f	Sets user interface level n - No UI at all - 'silent install' b - Basic UI - small progress bars displayed, but not interactive r - Reduced UI - standard windows displayed to report progress, but not interactive f - Full UI (default) - fully interactive
/norestart	---	Do not restart and do not show message box for restart request.
LOCKED_OPCO	23415 for Vodafone UK 26202 for Vodafone DE ... More values are detailed in the FAQ section or in the file connections.xml	Determines the operator network to be installed Not needed when using LOCKED_CONNECTION
LOCKED_BILLING_TYPE	Contract PayAndGo	Defines the billing type Not needed when using LOCKED_CONNECTION
LOCKED_CONNECTION	Vodafone UK Contract ... More values are detailed in the FAQ section or in the file connections.xml or userconnections.xml	Installs a connection type specified in the connections.xml or userconnections.xml
INSTALL_FLEXNET	1 (Default) 0	Installs or disables the Flexnet update software

Appendix B VTP Full MSI command line parameter

Parameter	Values	Description
/i	Package Product Code	Installs or configures a product.
/x or /uninstall	Package Product Code	Uninstalls/Removes a product
/l	[i w e a r u c m p v + !]Logfile	Specifies the log file path and indicates the flags to be logged i - Status messages w - Non-fatal warnings e - All error messages a - Startup of actions r - Action-specific records u - User requests c - Initial UI parameters m - Out-of-memory or fatal exit information o - Out-of-disk-space messages p - Terminal properties v - Verbose output x - Extra de-bugging information + - Append to existing log file ! - Flush each line to the log * - Log all information, except for v and x options
/q	n b r f	Sets user interface level n - No UI at all - 'silent install' b - Basic UI - small progress bars displayed, but not interactive r - Reduced UI - standard windows displayed to report progress, but not interactive f - Full UI (default) - fully interactive
/norestart	---	Do not restart and do not show message box for restart request
RIM_DRIVERS	1 (Default) 0	Installs or disables RIM BlackBerry® drivers
MANUALSTARTSTOP	1	Disables auto launch and close of VTP

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