

**T-Mobile Communication Center
User manual**

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Introduction

T-Mobile Communication Center (TMCC) allows you to use your mobile telephone as a mobile modem for your notebook or desktop computer. All you need is mobile telephone supported by TMCC (up to date list of supported telephones is available at the end of this manual and in application installer). For connection between telephone and computer can be used Bluetooth, Infra port or USB cable.

System requirements

TMCC requires one of these Windows versions:

- Windows 2000 Service Pack 4
- Windows XP (32 or 64 bit)
- Windows Vista (32 or 64 bit)
- Windows 7 (32 or 64 bit)

Not all devices are supported on all systems. This depends on availability of drivers for given system.

For successful installation at least 250MB of free disk space is required. For minimum processor and memory requirements see suggested values for your version of Windows. If your computer is low on available memory or busy with other demanding tasks, installation of driver can take considerably long time, especially in Windows Vista.

Installation

Installation of TMCC and telephone drivers is performed by setup wizard.

Before running setup wizard, make sure that your telephone is set up to work as a modem. You can find instructions for setting up your telephone in telephone manual. After properly setting up your phone, connect it to your computer by USB cable, Bluetooth or Infra port.

If you want to use **Bluetooth** for connection, pair your mobile telephone with your computer first. Exact procedure depends on your Bluetooth module. You can find it in Bluetooth manual or computer manual.

If you want to use **Infra port** it is necessary:

For Nokia N73, N95 select in phone menu: Tools->Modem->Connect via infrared.

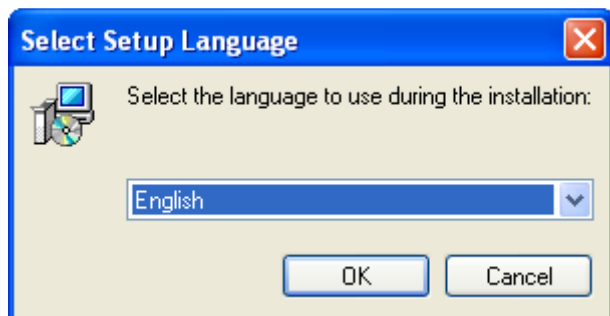
For Nokia E50, E51 select in phone menu: Connectivity->Modem->Connect via infrared.

For all other phones turn on Infra port.

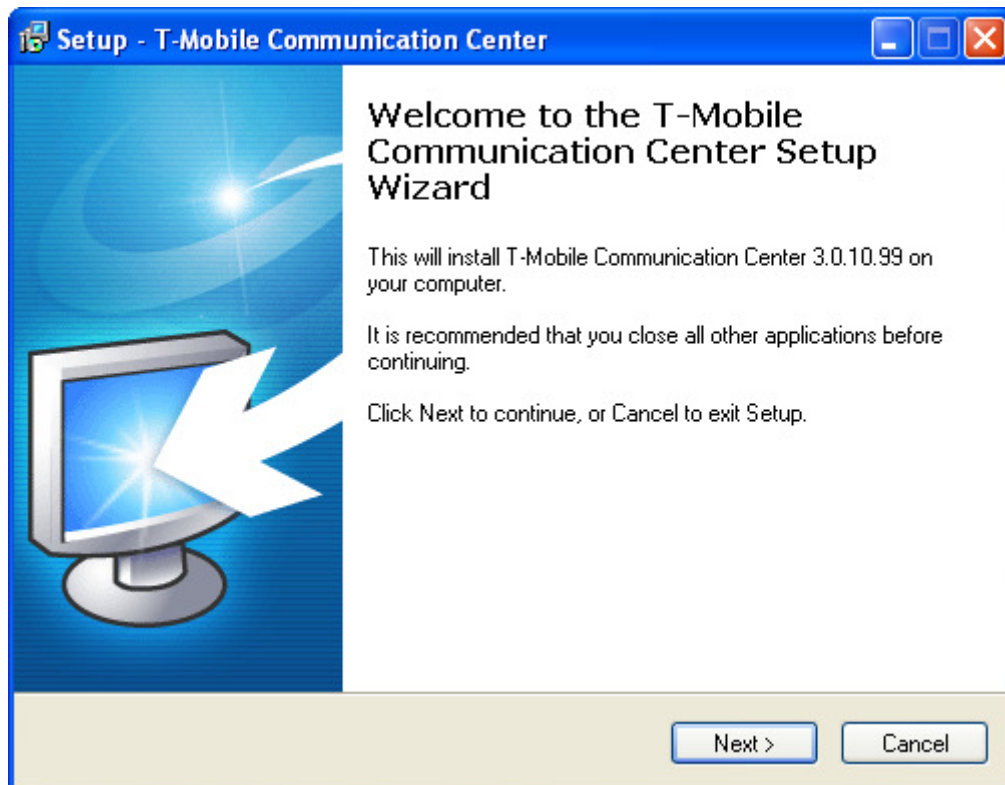
If your telephone is **BlackBerry** your must install and run BlackBerry Desktop Manager from original installation CD or BlackBerry web site. BlackBerry Desktop Manager must run during installation and use of TMCC.

Now you can run setup wizard by clicking on setup file (TMCCSetup.exe).

First choose setup language.



Then you will be presented with welcome screen.



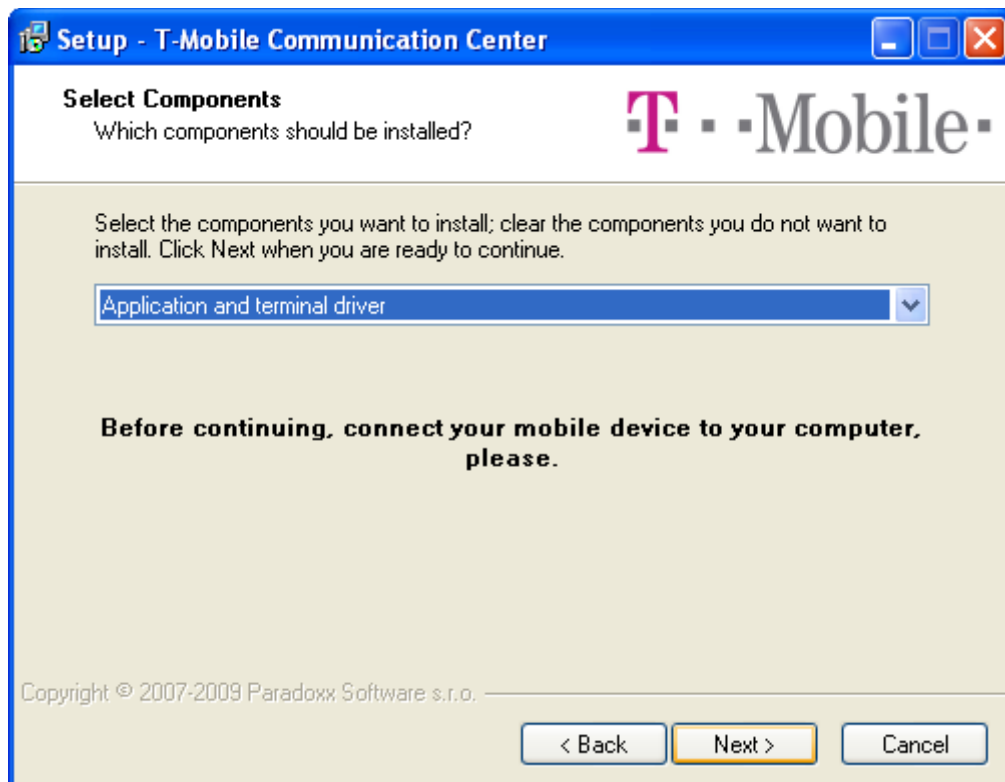
You must agree with license terms to continue.



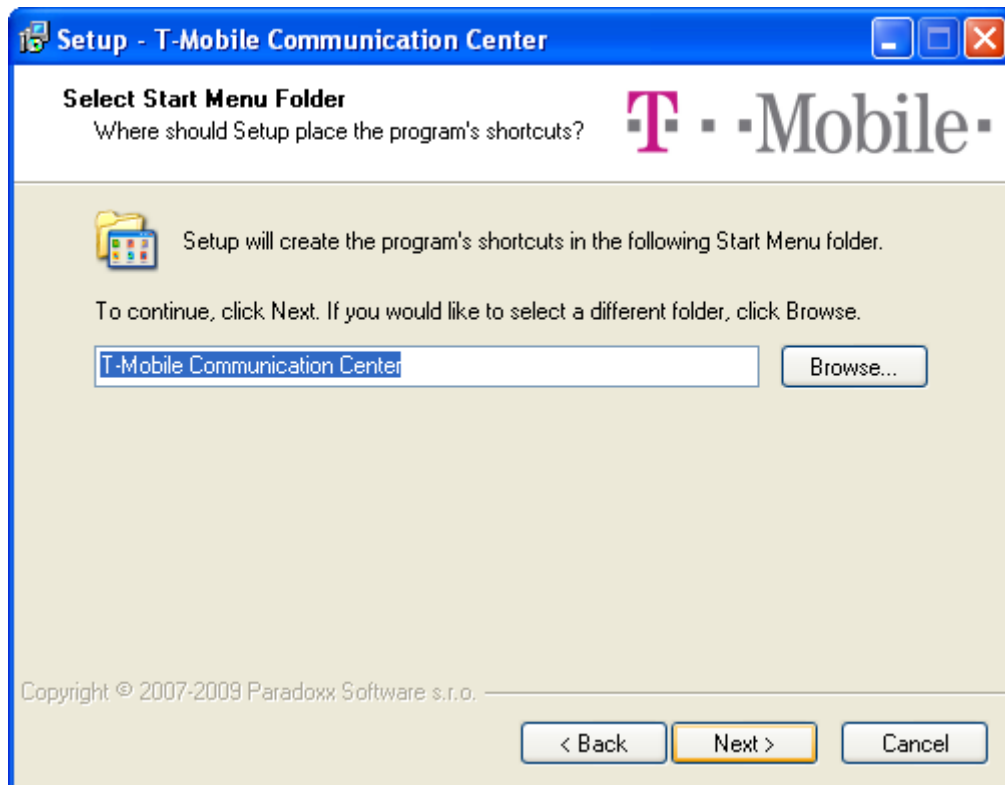
Choose a folder for TMCC.



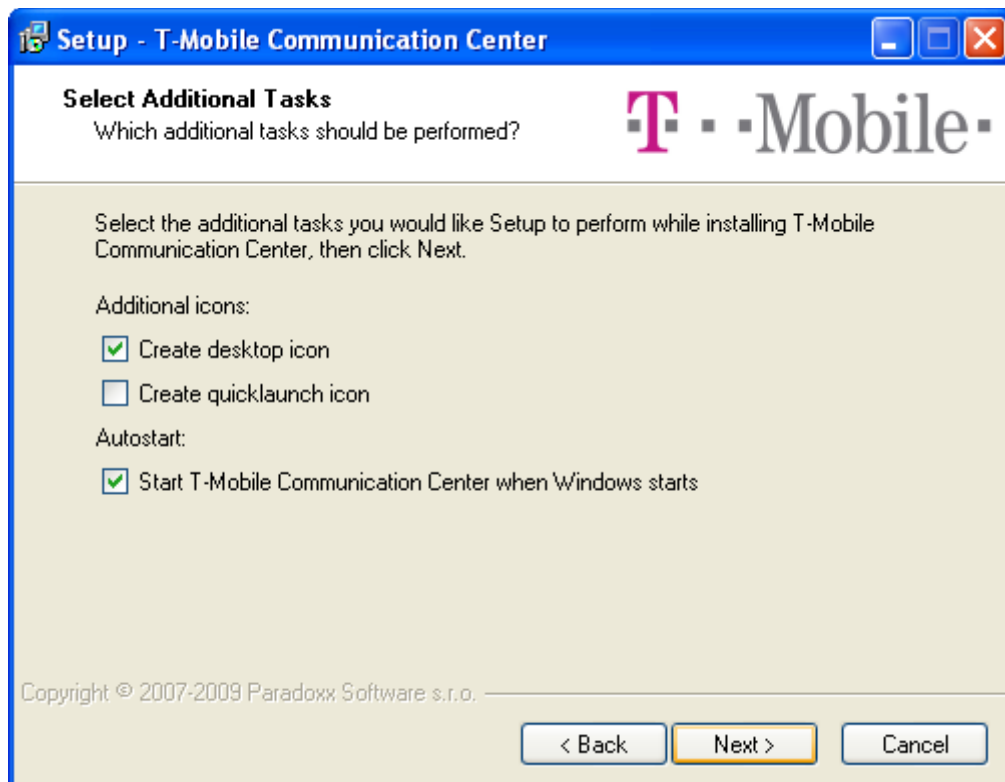
Select components to install.



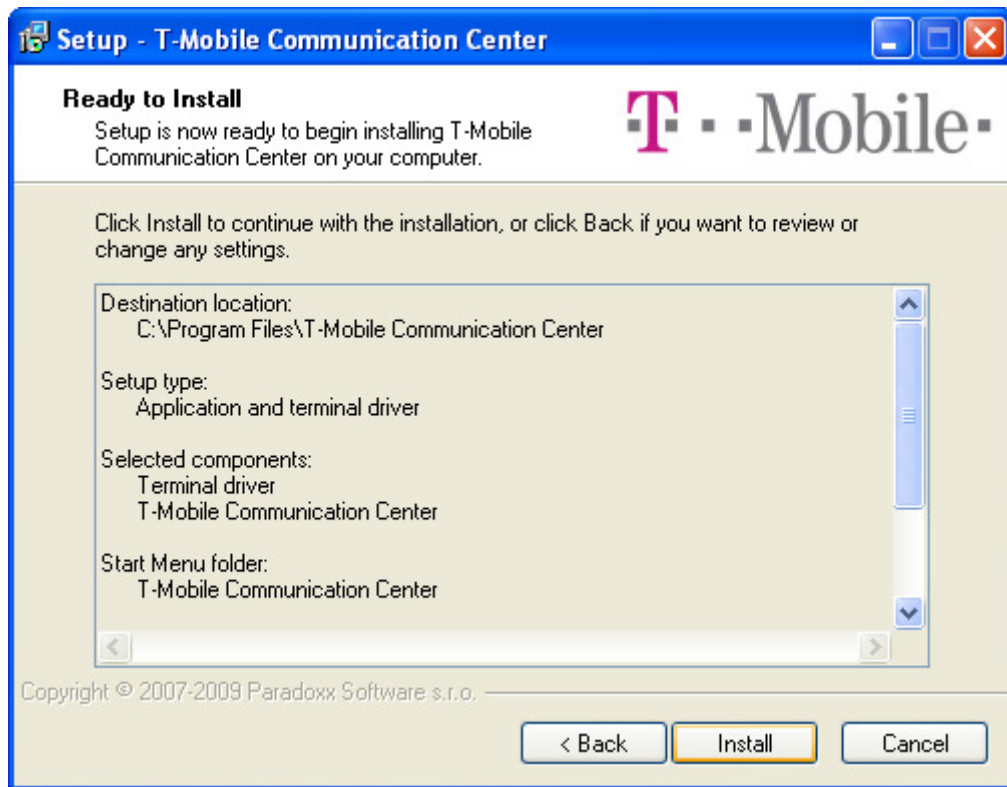
Choose name for Start menu folder.



Select additional setup tasks.



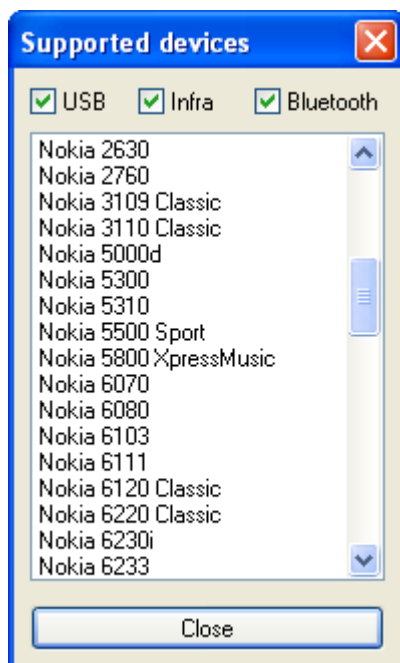
Review setup settings.



Wait while setup wizard detects your phone.



When detection is complete, you will be presented with list of telephones available to setup wizard.

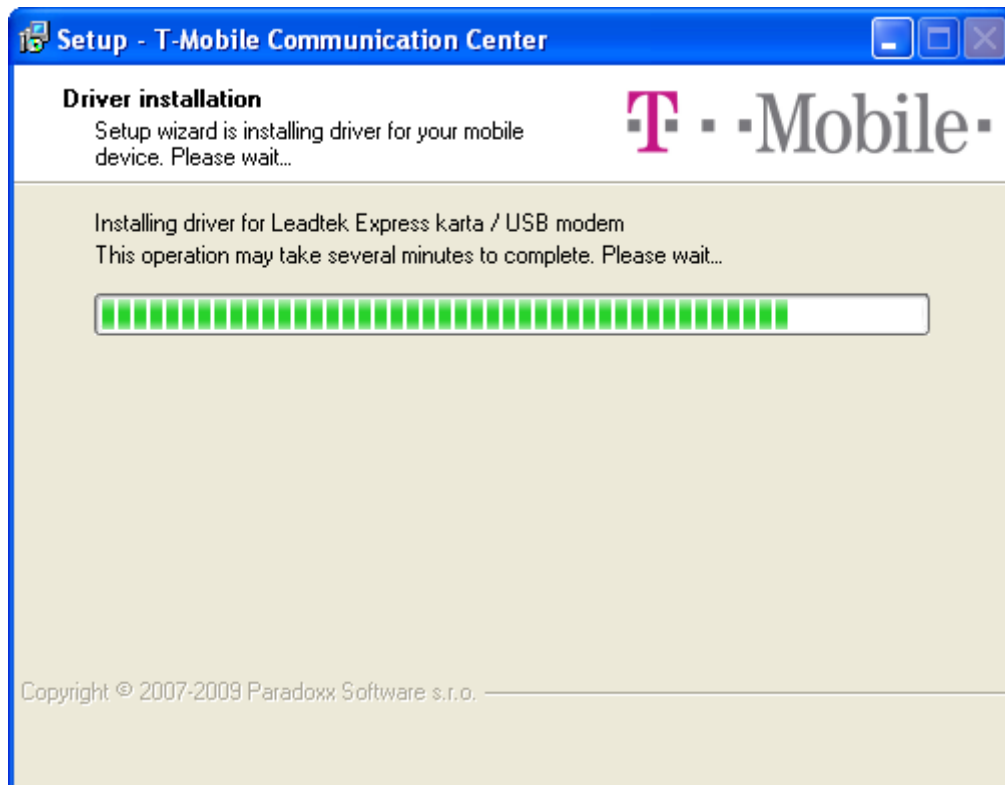


If you don't see your telephone, check that it is supported by TMCC. Clicking on button **List of supported phones** will bring up new window showing all supported telephones on your version of windows. You can filter the list by checking/unchecking checkboxes on top of the window (e.g. if you want to see only phones that are supported through Bluetooth, leave only **Bluetooth** checkbox checked).

If your phone is listed in supported phone list, but setup wizard can't find it, make sure that it is setup correctly and connected to computer. Then try again by clicking on **Search again** button.

Select telephone you want to install from list of telephones available to setup wizard and click **Next**.

Wait while setup wizard installs TMCC and your telephone driver.



After successful install last wizard page will be shown. From here you can run TMCC.



Usage

You can run TMCC by using icon on the desktop or in Start menu. If you checked option **Start T-Mobile Communication Center when Windows starts** during installation, TMCC will start automatically.

Running TMCC is identified by icon in system tray next to clock. TMCC icon indicates various program states:



Modem is not connected to computer.



Modem is present, but connection to internet is not established.

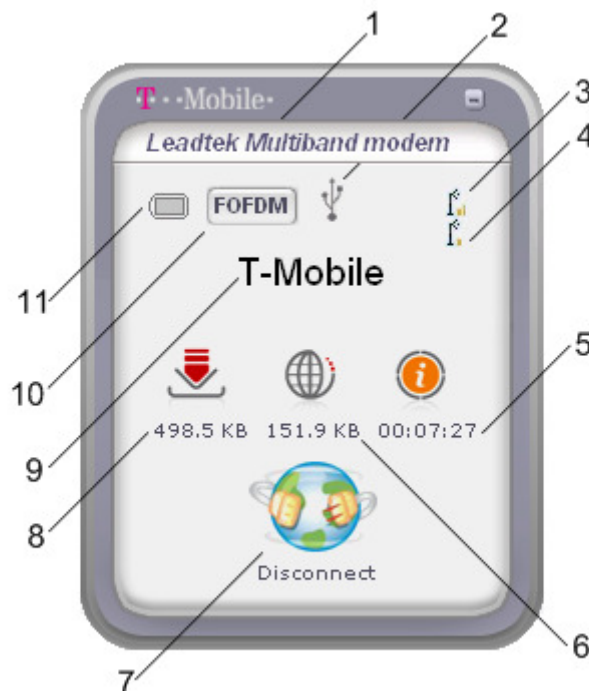


Internet connection is established.

Left clicking TMCC icon in system tray brings up menu. From menu you can:

- Connect to internet
- Show TMCC main window
- Change TMCC language
- Change TMCC skin
- Install new telephone (only after you upgrade TMCC to full version – upgrade is free)
- Change program settings
- Show About window
- Exit TMCC

TMCC window



TMCC window contains:

1. Name of currently used telephone or modem (if there is no phone connected to computer, text *Phone Not Present* is displayed instead).
2. Phone connection type (USB, Bluetooth or Infrared port).
3. Signal strength. When the signal is strongest, four bars are shown, when it is weakest, no bar is shown.
4. Signal quality. This indicator is displayed only in FOFDM mode.
5. Current internet session time.
6. Sent (uploaded) data / sending speed. Click on sent data icon change indicator to current upload speed and vice versa.
7. Connect / Disconnect button for controlling internet connection.
8. Received (downloaded) data / receiving speed. Click on received data icon change indicator to current download speed and vice versa.
9. Mobile network operator name. If you are using Leadtek Multiband modem click on operator name displays menu for quick mode selection (FOFDM/HSDPA/EDGE).
10. Connection mode. FOFDM or 2G/3G, it is displayed only when Leadtek Multiband modem is used.
11. Remaining battery capacity indicator. (Relevant only for devices with own battery. If you are using USB modem or Express card without battery, indicator will always display full or empty battery, depending on device).

Connecting to internet

You can connect to internet by clicking **Connect** button in TMCC window or by selecting **Connect** from menu. When connected, **Connect** button will change to **Disconnect** button and TMCC window shows amount of downloaded and uploaded data and current session duration. By clicking on downloaded or uploaded data icon you can switch display between amount of transferred data and current transfer speed.

Disconnecting from internet is performed by clicking **Disconnect** button or by selecting **Disconnect** from menu.

Default internet connection is created during TMCC installation. This connection is bound to installed modem and port, in which this modem is connected. If you use modem connected through USB and don't have administrator rights to your computer (usually only business customers), always connect modem to the same USB port as during installation. Without administrator rights it is not possible to change port in default internet connection, therefore if you connect modem to different USB port, internet connection will not work.

Installing new phone

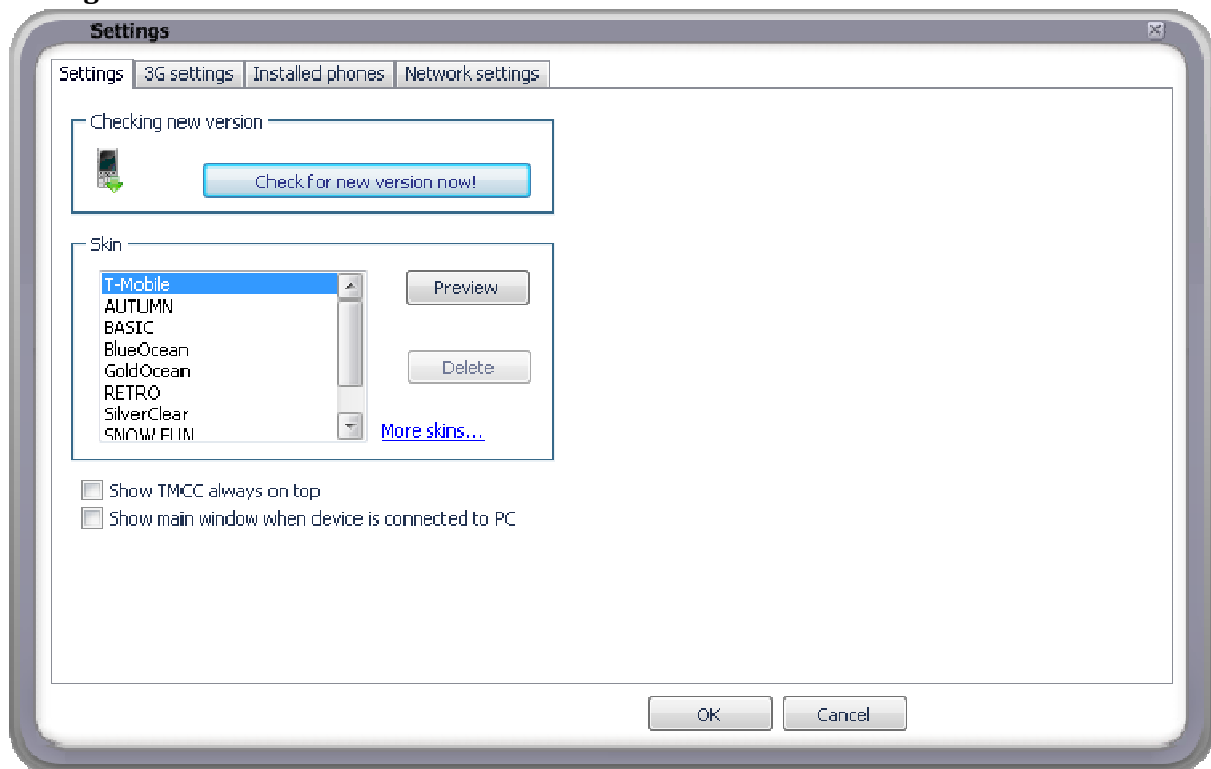
If you want to install another mobile telephone you can do so by selecting **Install new phone...** from menu.

Telephone installation is described in **Installation** section of this manual. Number of installed telephones is not limited.

Program settings

You can access program settings by selecting *Settings...* in program menu. Settings window contains several tabs. Displayed tabs depend on currently connected telephone or modem.

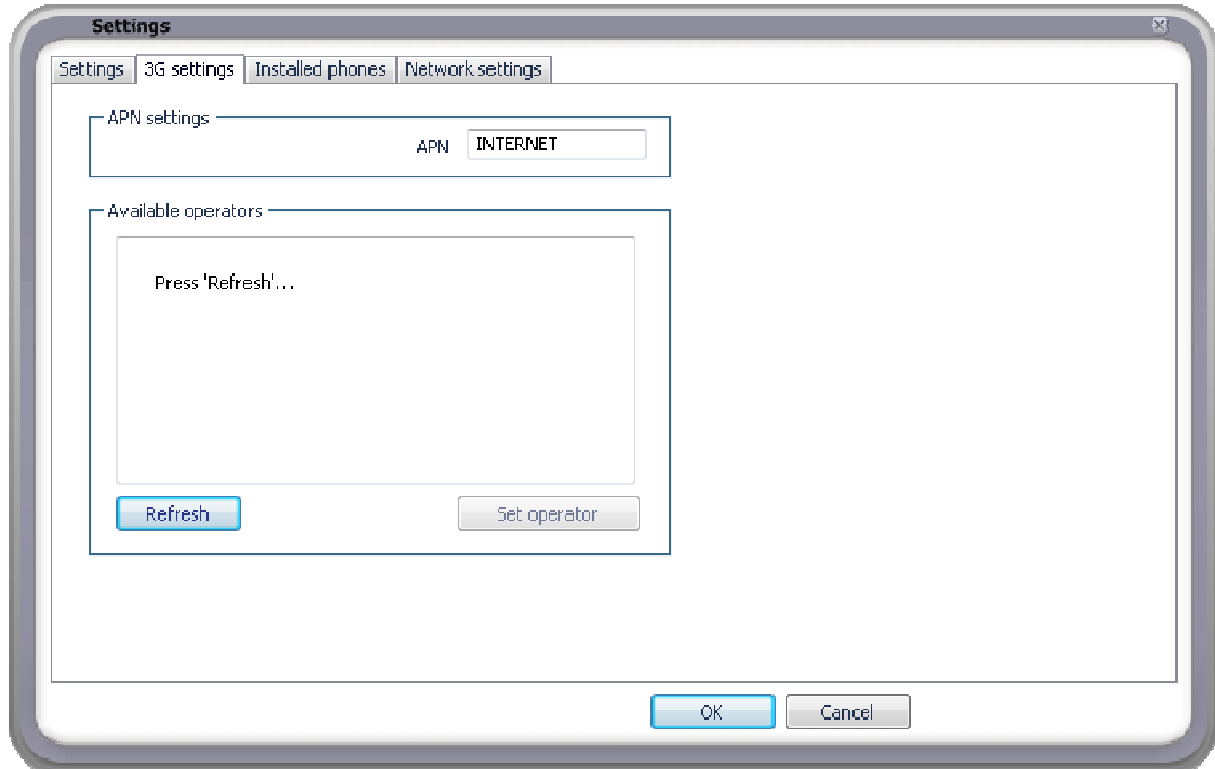
Settings



Settings tab is divided into three sections:

1. **Check new version.** Button **Check new version now!** checks whether new version of T-Mobile Communication Center is available. If new version is available, it will be downloaded. After download completes, you will be notified by information bubble in system tray. Then you can upgrade your installation of T-Mobile Communication Center.
2. **Skin.** Select skin from list of installed skins. Click **Preview** button to immediately apply selected skin, then click **OK** to confirm your selection, or **Cancel** to switch back to previous skin.
3. **Show TMCC always on top.** When this option is checked, T-Mobile Communication Center window is always displayed above other windows.
4. **Show main window when device is connected to PC.** When this option is checked, TMCC window is displayed every time you connect your telephone or modem.

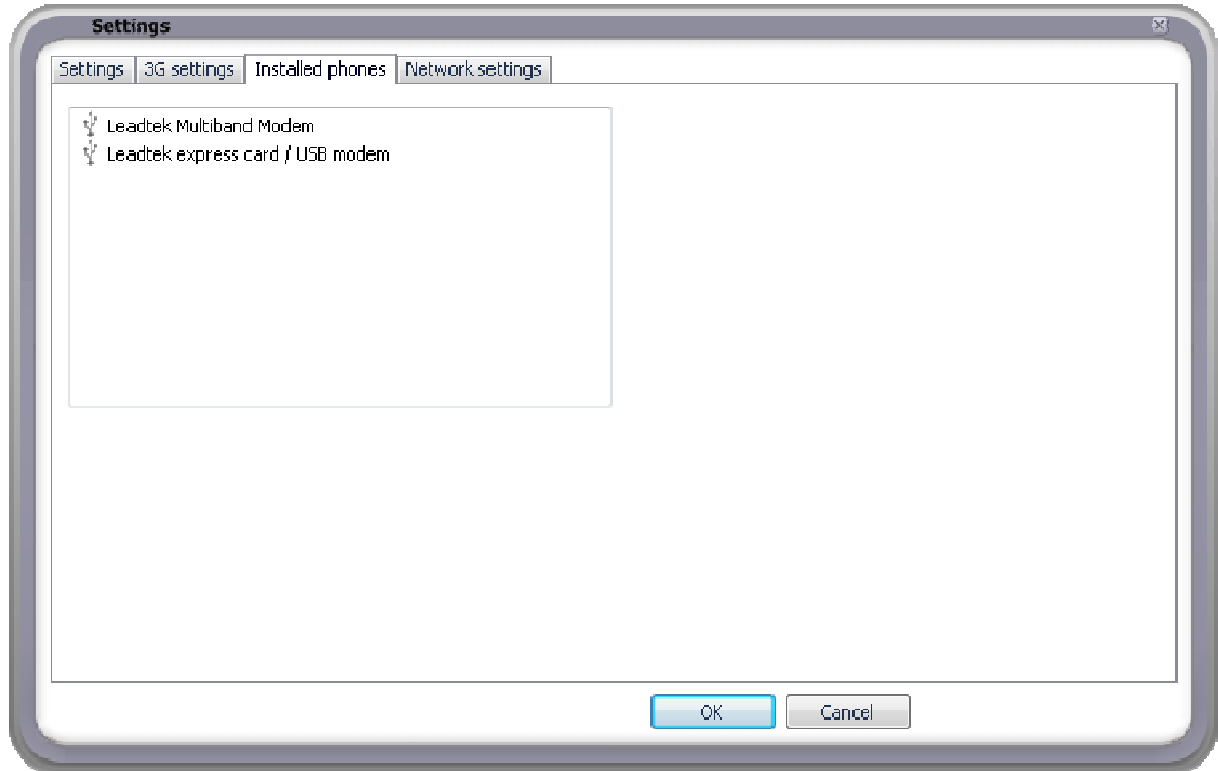
3G settings



3G Settings tab contains:

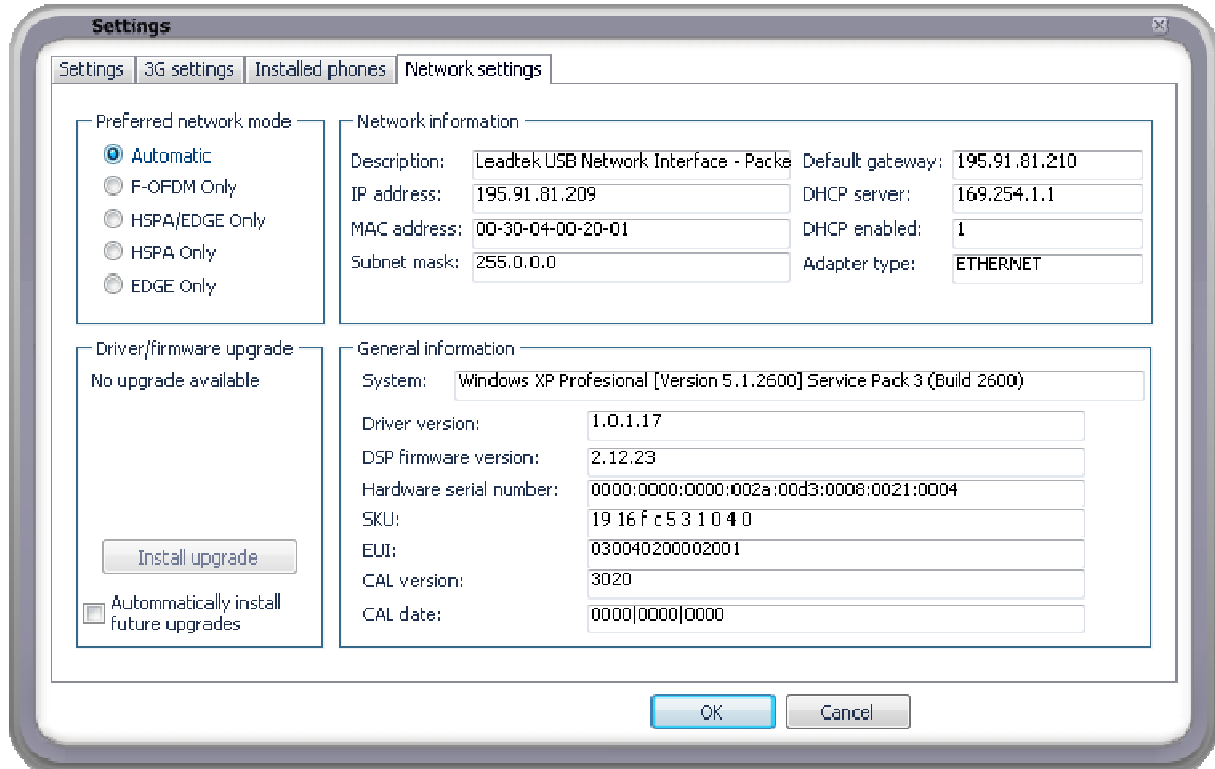
1. **APN settings.** Here enter APN from your service provider. If you enter incorrect APN, connection to 3G network will not work.
2. **Available operators.** Allows section from 3G network available in your area.

Installed phones



This screen shows all telephones and modems installed in T-Mobile Communication Center.

Network settings



Tab **Network settings** is displayed only when you use Leadtek modem. It is divided into four sections:

1. **Preferred network mode.** You can choose from these modes:
 - a. **Automatic.** Connection mode is selected automatically by T-Mobile Communication Center based on signal availability and quality. This is the preferred mode.
 - b. **FOFDM Only.** Modem will connect only to FOFDM network (only when device supports FOFDM).
 - c. **HSPA/EDGE Only.** Modem will use HSPA or EDGE, based on service availability (only when device supports HSDPA/EDGE).
 - d. **HSPA Only.** Only HSPA will be used (only when device supports HSDPA).
 - e. **EDGE Only.** Only EDGE will be used (only when device supports EDGE).
2. **Driver/firmware upgrade.** From here you can install new driver or firmware if available. T-Mobile Communication Center periodically checks for new upgrade and download upgrade package when available. If **Automatically install future upgrades** is checked, upgrade process is initialized automatically after download. You will be informed about running upgrade by bubble. If it is unchecked, you will be informed that upgrade is ready and asked to initialize installation.
3. **Network information.** This box shows information about network interface and settings.
4. **General information.** This box shows information about your system, modem, driver and firmware.

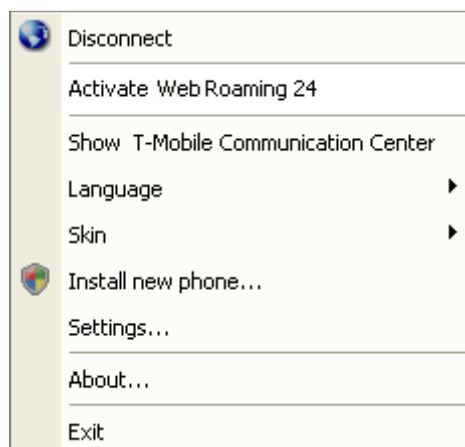
Web roaming 24

By using Web roaming 24 you can benefit from cheaper internet in foreign countries.

Web roaming 24 can be activated in EU Plus¹ countries. TMCC will automatically offer activation of Web roaming 24 if applicable. Activation consists of several steps. Each step is confirmed by clicking **Activate** button.

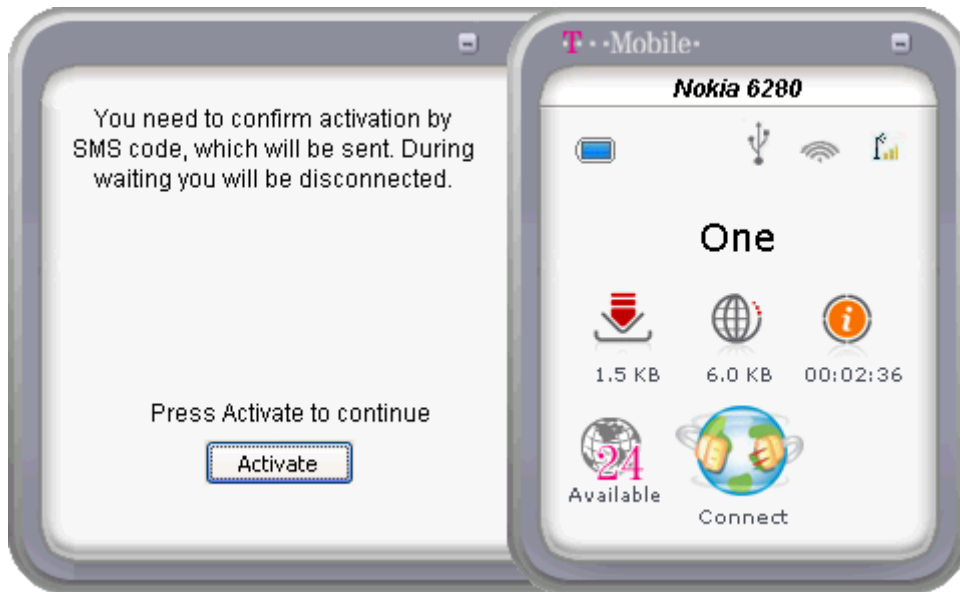


Web roaming 24 can be activate also from menu accessible through TMCC icon in system tray next to clock.



¹ Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Greece, Netherlands, Croatia, Iceland, Ireland, Liechtenstein, Lithuania, Latvia, Luxembourg, Madeira and Azores Islands, Hungary, Malta, Germany, Norway, Poland, Portugal, Austria, Romania, Slovenia, Spain and Canary Islands, Switzerland, Sweden, Italy, USA and G.B.

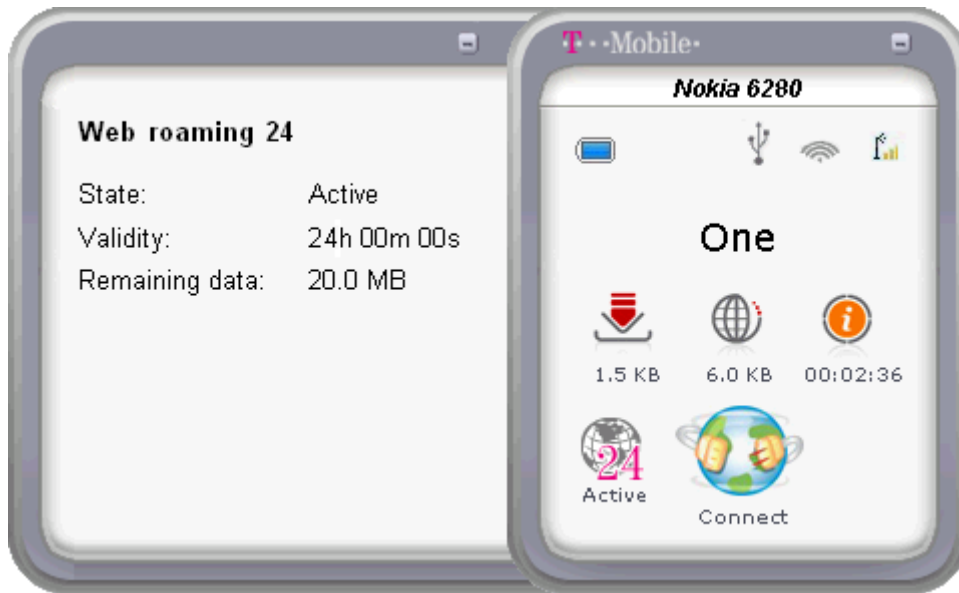
Web roaming 24 requires SMS activation code. You will be disconnected from internet to allow activation SMS delivery.



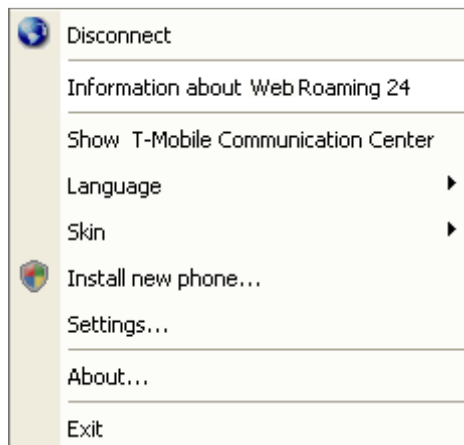
When activation SMS arrives, type activation code into input box and confirm by clicking **Activate** button.



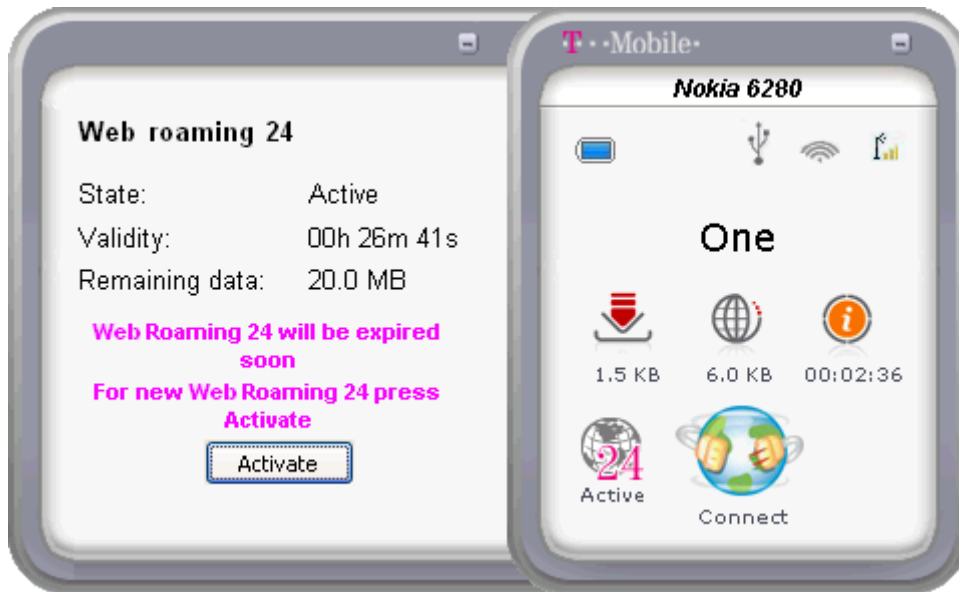
Information including remaining time and data will be presented after activation.



You can show information about Web roaming 24 at any time by using menu.



When your remaining Web roaming 24 time is less than 1 hour or data is less than 2MB, TMCC will notify you and again offer activation.



After spending data or time limit, TMCC will inform you, that your Web roaming 24 has expired.



Supported devices

List of devices supported by TMCC.

Model	Windows 2000			Windows XP				Windows Vista				Windows 7			
	USB 32b	BT	IR	USB 32b	USB 64b	BT	IR	USB 32b	USB 64b	BT	IR	USB 32b	USB 64b	BT	IR
BlackBerry 8310	•	•		•	•	•		•	•	•				•	
BlackBerry 9000	•	•		•	•	•		•	•	•				•	
Huawei E160	•			•	•			•	•			•	•		
Huawei E1750	•			•	•			•	•			•	•		
Huawei E176	•			•	•			•	•			•	•		
Huawei E220	•			•	•			•	•			•	•		
Leadtek Express karta	•			•				•				•			
Leadtek Multiband modem	•			•				•				•			
Leadtek USB modem	•			•				•				•			
LG KC550	•	•		•	•	•		•	•	•				•	
LG KE970	•	•		•	•	•		•	•	•				•	
LG KG800	•			•	•			•	•						
LG KU990	•	•		•	•	•		•	•	•				•	
Motorola KRZR K1	•	•		•	•	•		•	•	•				•	
Motorola RAZR V3	•	•		•	•	•		•	•	•				•	
Motorola RAZR2 V8	•	•		•	•	•		•	•	•				•	
Nokia 2630		•				•				•				•	
Nokia 2760		•				•				•				•	
Nokia 3109 Classic	•	•	•	•	•	•	•	•	•	•	•			•	•
Nokia 3110 Classic	•	•	•	•	•	•	•	•	•	•	•			•	•
Nokia 5000d		•				•				•				•	
Nokia 5300	•	•	•	•	•	•	•	•	•	•	•			•	•
Nokia 5310	•	•		•	•	•		•	•	•				•	
Nokia 5500 Sport	•	•	•	•	•	•	•	•	•	•	•			•	•
Nokia 5800 XpressMusic	•	•		•	•	•		•	•	•				•	
Nokia 6070	•		•	•	•		•	•	•		•				•
Nokia 6080	•		•	•	•		•	•	•		•				•
Nokia 6103	•	•	•	•	•	•	•	•	•	•	•			•	•
Nokia 6111	•	•	•	•	•	•	•	•	•	•	•			•	•
Nokia 6120 Classic	•	•		•	•	•		•	•	•				•	
Nokia 6220 Classic	•	•		•	•	•		•	•	•				•	
Nokia 6230i	•	•	•	•	•	•	•	•	•	•	•			•	•
Nokia 6233	•	•	•	•	•	•	•	•	•	•	•			•	•
Nokia 6280	•	•	•	•	•	•	•	•	•	•	•			•	•
Nokia 6288	•	•	•	•	•	•	•	•	•	•	•			•	•
Nokia 6300	•	•		•	•	•		•	•	•				•	
Nokia 6500 Classic	•	•		•	•	•		•	•	•				•	

Model	Windows 2000			Windows XP				Windows Vista				Windows 7			
	USB 32b	BT	IR	USB 32b	USB 64b	BT	IR	USB 32b	USB 64b	BT	IR	USB 32b	USB 64b	BT	IR
Nokia 6650 fold	•	•		•	•	•		•	•	•				•	
Nokia E50	•	•	•	•	•	•	•	•	•	•	•			•	•
Nokia E51	•	•	•	•	•	•	•	•	•	•	•			•	•
Nokia E66	•	•		•	•	•		•	•	•				•	
Nokia E71	•	•		•	•	•		•	•	•				•	
Nokia N70	•	•		•	•	•		•	•	•				•	
Nokia N73	•	•	•	•	•	•	•	•	•	•	•			•	•
Nokia N79	•	•		•	•	•		•	•	•				•	
Nokia N95	•	•	•	•	•	•	•	•	•	•	•			•	•
Option GlobeTrotter Express 7.2	•			•				•							
Option GlobeTrotter GT Max	•			•	•			•	•						
Samsung SGH-D900i	•	•		•	•	•		•	•	•				•	
Samsung SGH-E250	•	•		•	•	•		•	•	•				•	
Samsung SGH-E740	•	•		•	•	•		•	•	•				•	
Samsung SGH-F480	•	•		•	•	•		•	•	•				•	
Samsung SGH-J700	•	•		•	•	•		•	•	•				•	
Samsung SGH-U600	•	•		•	•	•		•	•	•				•	
Samsung SGH-Z400	•	•		•	•	•		•	•	•				•	
Sony Ericsson C902	•	•		•	•	•		•	•	•		•	•	•	
Sony Ericsson K320i	•	•	•	•		•	•	•		•	•			•	•
Sony Ericsson K510i	•	•	•	•		•	•	•		•	•			•	•
Sony Ericsson K530i	•	•		•	•	•		•	•	•				•	
Sony Ericsson K550i	•	•	•	•	•	•	•	•	•	•	•			•	•
Sony Ericsson K610i	•	•		•	•	•		•	•	•				•	
Sony Ericsson K660i	•	•		•	•	•		•	•	•				•	
Sony Ericsson K750i	•	•	•	•		•	•	•		•	•			•	•
Sony Ericsson K770i	•	•		•	•	•		•	•	•				•	
Sony Ericsson K800i	•	•	•	•	•	•	•	•	•	•	•			•	•
Sony Ericsson K810i	•	•	•	•	•	•	•	•	•	•	•			•	•
Sony Ericsson M600i	•	•	•	•		•	•	•		•	•			•	•
Sony Ericsson P1i	•	•		•		•		•		•				•	
Sony Ericsson S302		•				•				•				•	
Sony Ericsson T700	•	•		•	•	•		•	•	•		•	•	•	
Sony Ericsson W200i	•		•	•			•	•			•				•
Sony Ericsson W300	•	•	•	•		•	•	•		•	•			•	•
Sony Ericsson W580i	•	•		•		•		•		•				•	
Sony Ericsson W880i	•	•		•	•	•		•	•	•				•	
Sony Ericsson W890i	•	•		•	•	•		•	•	•				•	
T-Mobile Express karta	•			•				•							
T-Mobile MDA Vario II	•	•	•	•		•	•	•		•	•			•	•
T-Mobile MDA Vario III		•				•				•				•	
ZTE MF100	•			•	•			•	•			•	•		

Model	Windows 2000			Windows XP				Windows Vista				Windows 7			
	USB 32b	BT	IR	USB 32b	USB 64b	BT	IR	USB 32b	USB 64b	BT	IR	USB 32b	USB 64b	BT	IR
ZTE MF637	•			•	•			•	•			•	•		
ZTE MF662	•			•	•			•	•			•	•		