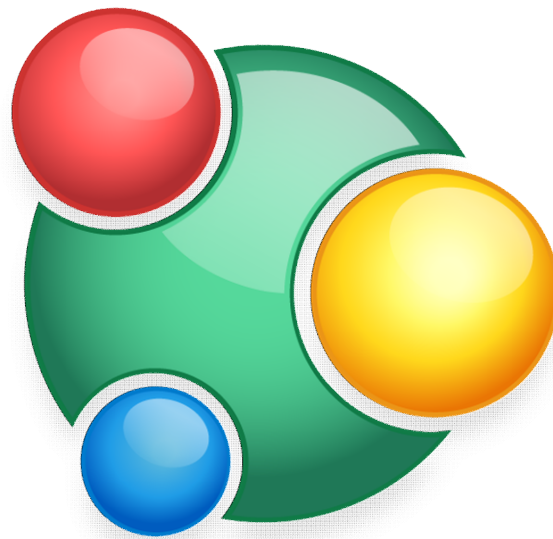




# SPB Wireless Monitor

## User Manual



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## OVERVIEW

SPB Wireless Monitor is a complete solution for measuring the amounts of data transfers via your device connections and calculating network usage costs. SPB Wireless Monitor monitors all data transfers you perform and calculates the cost of your data usage taking into account your service plan details, inclusive data amount, data block size etc...

### Software Features

#### Improved Connection Support

SPB Wireless Monitor 3.0 fully supports GPRS/CDMA/3G, Wi-Fi and USB connections. Also, it is now able to monitor several connections simultaneously.

#### Notifications

SPB Wireless Monitor will notify you when a certain amount of data has been sent or received over the selected connection. A notification alarm offers cost-effective traffic control of your data.

#### Reports

SPB Wireless Monitor allows you to see detailed traffic charts and reports for a certain period of time and connection.

#### Today Plug-In

The Today Plug-in shows your connections up-to-date usage and speed statistics.

#### User Friendly Interface

The initial screen of SPB Wireless Monitor is a simple but effective user interface which makes the process of setting up your connections very simple and intuitive.

#### Export Usage Statistics

The Usage Export feature allows you to export historical usage information to a HTML or CSV (comma separated value) file suitable for importing into Microsoft Excel or any another program.



## INSTALLATION

Installation of SPB Wireless Monitor is a very simple process and takes less than five minutes to complete. The following installation guide will help you.

### System Requirements

Make sure your system meets the following minimum requirements before installation.

- Windows Mobile 5.0, 6.0, 6.1 and 6.5.



### Installing

After you have [downloaded](#) the SPB Wireless Monitor distribution file you should install it to your device. For a successful installation you will need a device attached to your Windows desktop PC. You will also need [Microsoft ActiveSync](#) software in order to install SPB Wireless Monitor to your device.

When you run the software installer on your desktop PC it will ask you to accept the license agreement and will start the installation program. You will be prompted for the location where you want the software to be installed.

Note: Microsoft ActiveSync works only with Windows XP SP2 or earlier. If you have Windows Vista, your synchronization settings will be managed through the Windows Mobile Device Center. Windows Mobile Device Center is available through the [Windows Mobile Device Center page](#).

### Registration

You will be able to use SPB Wireless Monitor until the end of the trial version period of 15 days from the first installation. If you have not registered SPB Wireless Monitor within this timeframe, you will need to do so to continue using it.

To obtain the serial number you need to [purchase](#) an SPB Wireless Monitor software license. You will receive your serial number by e-mail.

### Uninstalling

To remove the product from your Device:

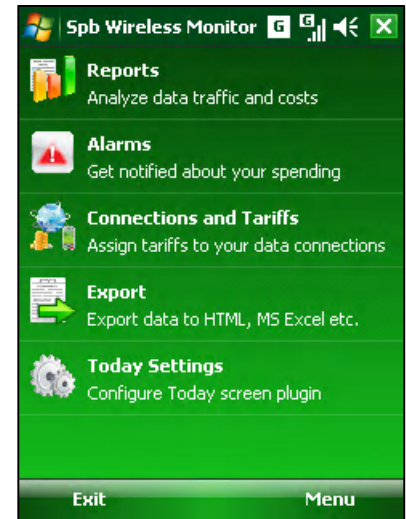
1. Go to Start menu > Settings
2. Open System and tap Remove Programs
3. Select SPB Wireless Monitor from the list and tap the Remove button
4. Choose Yes to confirm removing

## USING SPB WIRELESS MONITOR

SPB Wireless Monitor is an easy-to-use traffic management tool for your Mobile device. By monitoring your data traffic and limiting the bandwidth, the software increases the network efficiency immediately and offers cost-effective traffic control.

### Initial Screen

After you have launched SPB Wireless Monitor, the initial screen welcomes you to the program. The initial screen gives you access to the program dialogs and features. From the Menu you can access the program About screen and register the product.



### Reports

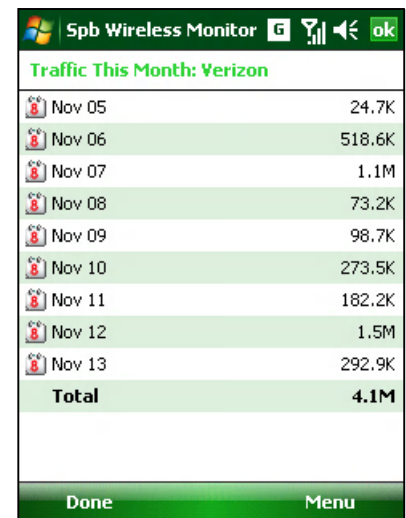
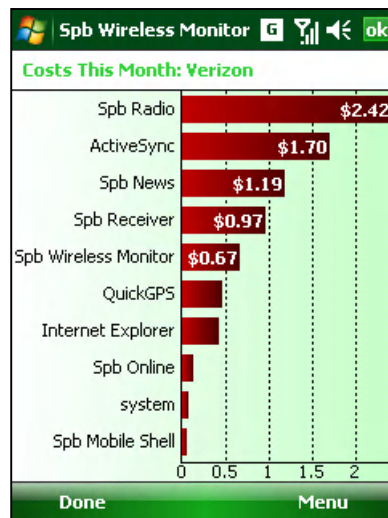
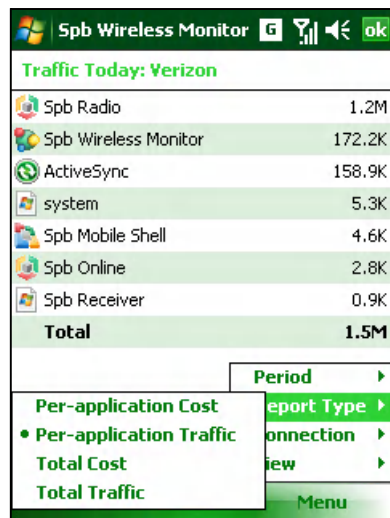
This screen is your primary tool for analyzing data traffic and costs. SPB Wireless Monitor provides four basic report types, changed via Menu->Report Type submenu:

- Total Traffic/Cost: These reports show you the total data traffic and cost change over time.
- Per-application Traffic/Cost: These reports show you the cost of using each individual application installed on your device and how much traffic it uses.

For each report type you can specify a time period and a connection. There are six predefined time periods that can be selected from Menu->Period submenu: Today, Yesterday, This Month, Last Month, This Year and Last Year. You can also specify an arbitrary period using the Custom... option.

A connection can be selected from Menu->Connection submenu. Choose All to have all the connections combined in a single report.

Any report can be viewed in two different modes: table or bar chart. View mode can be changed via Menu->View submenu.





## Alarms

This screen is used to manage alarms. Alarms will notify you when a certain amount of data has been sent or received over the selected connection. For example, you can configure an alarm to notify you when you have run out of free traffic included in your data plan. You can create as many alarms as you desire.

Use the main menu to create, edit, and delete alarms. You can temporarily disable an alarm by unselecting the relevant check box. Active alarms are shown in red.

## Connections and Tariffs

The Connections and tariffs screen is used to select connections that you want to monitor and assign your tariffs plan. Access the menu to change or remove the tariff of the selected connection. The tariff settings wizard is straight forward process for configuring your connection tariff so that it can be calculated automatically.

- Select your country and mobile operator then select one of the predefined tariffs of your mobile operator from the built-in tariff database. If your tariff is not available in the list, you have the following options:
  - Update tariff database: Use this link to download the most recent version of the tariff database from the Internet. After updating your database you may find your tariff listed.
  - Add custom tariff: Choose this drop-down menu item and tap Next to configure the tariff manually.
  - I want to edit this tariff: This enables you to edit a predefined tariff from the list, once you have completed the editing select Next.
- If you create or edit a tariff plan manually, you will need to specify the following parameters:
  - Tariff name: A unique name identifying the tariff. It is displayed in the list of connections.
  - Monthly payment: Monthly fee for your mobile Internet service (e. g. GPRS). This fee might be applied even if you didn't use this service.
  - Inclusive data (MB): Fill this in if your tariff offer an 'inclusive data' option. It means that a certain amount of data is "free" (included in the base monthly payment and not charged separately). If this amount is not used during the month it usually does not accumulate to the next month.

The screenshot shows the 'Tariff Settings' screen in the Spb Wireless Monitor application. At the top, there is a header with the application name and status icons. Below the header, a green bar contains the title 'Tariff Settings'. The main content area includes a checked checkbox for 'Different tariff for off-peak hours'. Underneath, there are two input fields: 'Additional price:' with a value of '1.99' and a unit of 'Mb', and 'Online price:' with a value of '0.00' and a unit of 'session'. Below these is a 'Select weekdays and time:' section with a row of checkboxes for days (s, m, t, w, t, f, s) and two time pickers set to '00:00' and '08:00'. At the bottom, there are 'Back' and 'Next' buttons.

The screenshot shows the 'Connections and Tariffs' screen. It features a header with the application name and status icons, followed by a green bar with the title 'Connections and Tariffs'. The main area displays a list of connections with checkboxes: 'Verizon' (checked) with 'Mobile Web' tariff, 'USB' (checked) with 'No Tariff', and 'WiFi' (checked) with 'No Tariff'. At the bottom, there are 'Done' and 'Menu' buttons.

The screenshot shows the 'Tariff Settings' screen for manual configuration. It has a header with the application name and status icons, and a green bar with the title 'Tariff Settings'. The main area contains three input fields: 'Tariff name:' with the value 'Mobile Web', 'Monthly payment:' with the value '0.00', and 'Inclusive data (MB):' with the value '0.00'. At the bottom, there are 'Back' and 'Next' buttons.



- o Additional price: When the inclusive data limit is reached all the subsequently sent or received data is charged according to the additional price setting (e.g. €2 for 1MB).
- o Online price: Paid fee for live Internet connection (even if no data has been sent or received).
- o Different tariff for off-peak hours: Enable this option if your tariff has different prices for peak and off-peak hours. Specify a different additional and online price for off-peak hours. Choose weekdays and time ranges considered "off-peak" in your tariff.
- o Data rounding: The data traffic is measured in data blocks in some tariffs. Actual traffic is rounded up to the nearest block. For example, if your block size is 10 KB and you transfer 11 KB, you will be charged for 20 KB of transferred data (two full blocks). Rounding may occur every hour or once at the end of the session. If your tariff has no rounding, choose None.
- o Data block size: If your tariff includes data rounding, specify the size of a data block here.
- o Payment day: On this last step of the tariff wizard you need to specify the monthly payment day of your service and when the inclusive traffic is replenished.

The screenshot shows the 'Export' screen of the Spb Wireless Monitor application. The interface is clean with a green header bar. The main content area contains three dropdown menus for configuration: 'Select connection:' (Verizon), 'Select period:' (This Month), and 'Select format:' (HTML). The 'HTML' option is highlighted in green. At the bottom, there are two buttons: 'Cancel' and 'Next'.

## Export

The export feature allows you to export data usage information to a file that can then be opened in a spreadsheet program such as Microsoft Excel. You can export to HTML or CSV (comma-separated values) format. CSV file can be easily imported into Microsoft Excel, Access, and many other desktop applications.

Select a connection, a time interval for which you want the usage information to be exported, and file format, then tap Next to specify the output file path.

To view the file you have exported, you must copy it to your computer when your device is connected to your computer via the sync cable. Then, either use Windows Explorer or Active Sync to copy the file to your computer and open it in your spreadsheet program or text editor.



## Today Settings

SPB Wireless Monitor Today plug-in allows you to view data usage information for a particular time on the Today screen. For each connection, total traffic and speed is displayed. Traffic may be calculated for current session, day, or month.

Access the Menu or tap-and-hold on a connection to view the available options. The Unmarked check box disables the view of this connection on the Today screen only.

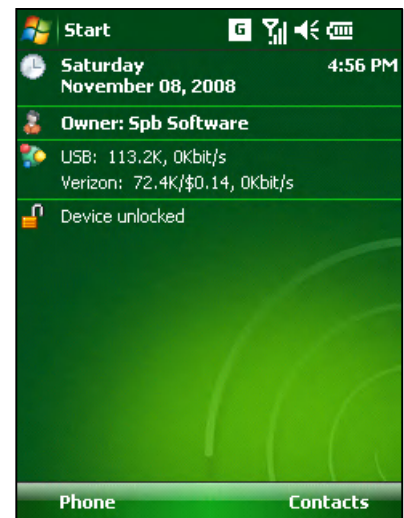
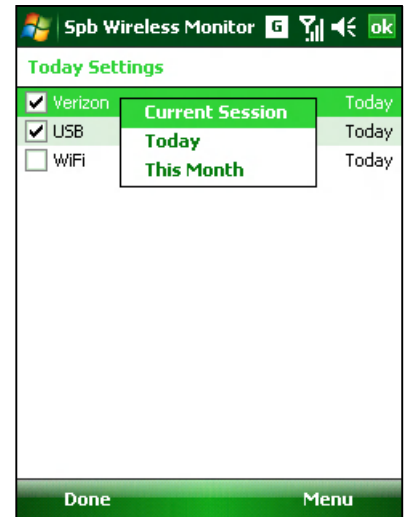
If a connection is shown in gray on the Today screen, this means it is not being monitored, and so the statistics will not be updated. You can turn on monitoring of this connection from the Connections and Tariffs screen in the main application.

## Today Plug-In

Use SPB Wireless Monitor Today plug-in to view up-to-date information about your data usage of the device connections. Tapping a connection will bring up a more detailed full-screen report. You can also launch the main application by tapping the SPB Wireless Monitor icon.

To enable or disable SPB Wireless Monitor Today plug-in, go to Start -> Settings -> Personal -> Today. Select the Items tab and make sure the SPB Wireless Monitor is selected in the list of active Today plug-ins.

If you have SPB Pocket Plus or SPB Mobile Shell installed on your device, you can show SPB Wireless Monitor in the form of a separate tab in the SPB Pocket Plus or SPB Mobile Shell Today plug-in.





## TECHNICAL SUPPORT

This chapter contains technical support information. It includes all the information you need to assist you.

### About The Trial Version

The trial version of SPB Wireless Monitor includes all of the features available in the registered version. The trial version expires within 15 days after the first installation. You can use the trial version only to check how SPB Wireless Monitor works. In order to keep using the software you need to purchase the license. There is no need to re-install the SPB Wireless Monitor in order to use the full version.

To obtain the serial number you need to [purchase](#) SPB Wireless Monitor software license. You will receive your serial number by e-mail. For more information please visit our web site at: <http://spb.com/support/general.html>

### Contacting Technical Support

Please take advantage of one of the SPB software free technical support options:

- Context-sensitive help may be accessed while in the application dialog by tapping on the Help item in the Start menu.
- Refer to the Frequently Asked Questions (FAQs) in the Support section of the SPB software Web site. The FAQs may have information and helpful hints that are more current than the User Manual: <http://spb.com/products/WirelessMonitor/faq.html>
- Ask the SPB Technical Support a question here: <http://spb.com/pocketpc-software/wirelessmonitor/support.html>.

Please include the following information to help us isolate the problem:

1. The type of the device that you are using.
2. The software name and version number. Go to the SPB Wireless Monitor initial screen and select Menu > About... to view the software version number (example: SPB Wireless Monitor, version 3.0, Build 407).
3. Any error messages that accompany the problem.
4. A brief description of how we can recreate the issue.