

Avira AntiVir Mobile

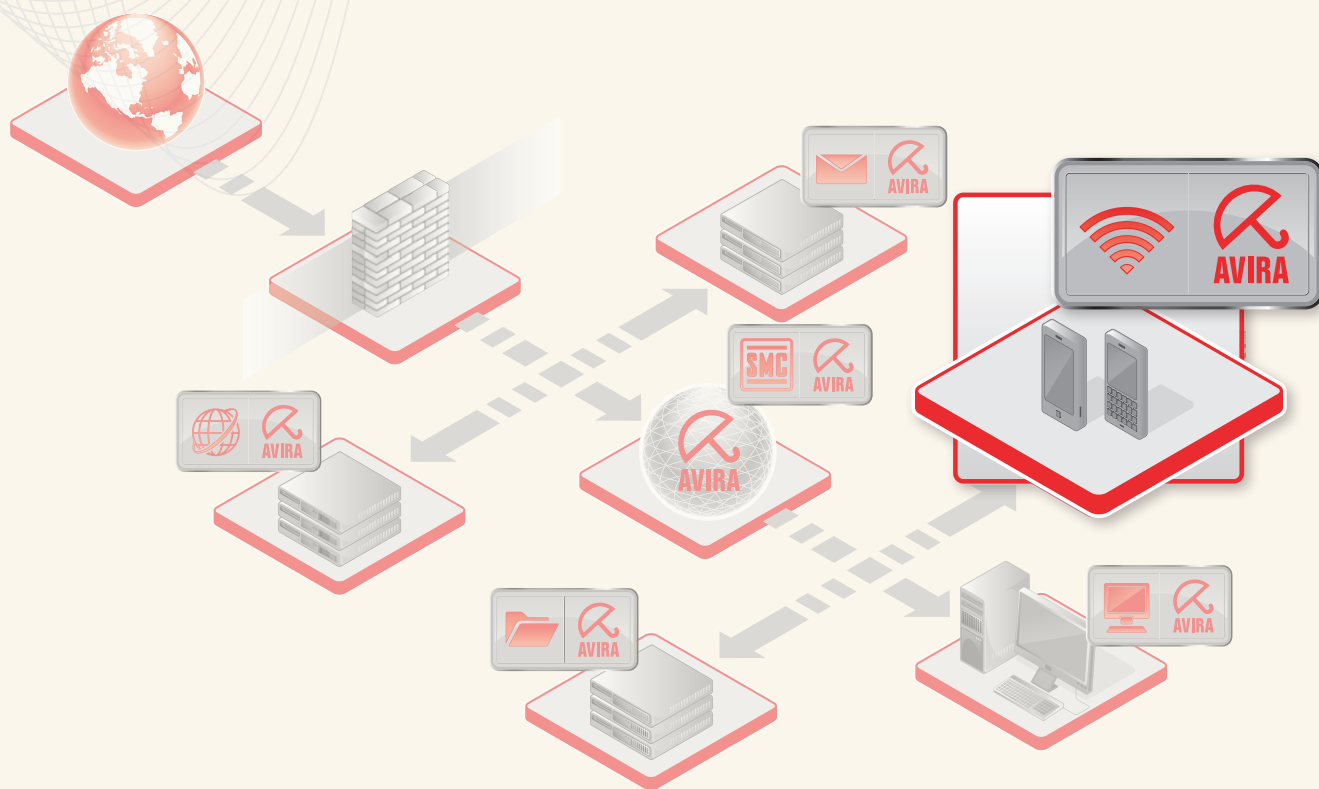


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1 Introduction

In this manual we have compiled all the information you need on Avira AntiVir Mobile and guide you step by step through installation, configuration and operation of the software.

On our website <http://www.avira.com> you can download the Avira AntiVir Mobile as a PDF file, update Avira AntiVir Mobile or obtain information on other security solutions of Avira GmbH.

Our website also contains information such as the telephone number for technical support and our newsletter, for which you can sign up there.

Your Avira Team

2 Symbols and emphases

The following symbols are used:

Symbol	Explanation
▶	Appears before a step you carry out.
→	Appears before a result that follows the preceding action.
Warning	Appears before a warning of the danger of critical data loss.
Note	Appears before a note with especially important information or a tip which makes it easier to understand and use AntiVir Mobile.

The following emphases are used:

Emphasis	Explanation
<i>Italic</i>	File name or path.
	Elements of the software interface which are displayed (e.g., window title, window area or option).
Bold	Elements of the software interface which are clicked (e.g., menu item, tab or button).

3 Product information

AntiVir Mobile protects mobile devices such as PDAs or pocket PCs and smartphones running Windows Mobile from attacks by PDA-specific malware and text message spam. The user interface of AntiVir Mobile has been optimized both for pocket PCs and smartphones.

3.1 Delivery scope

The most important features of AntiVir Mobile:

- Specially developed PDA engine and search algorithms for recognizing and dealing with PDA-specific malware
- Installation of the program package via the ActiveSync process
- Separate update of search algorithms (=search engine) and virus definitions via the Internet and ActiveSync process
- Single file update directly via the Internet (WLAN, LAN, GPRS)
- Individual configuration of the scope of the scan and the handling of affected files
- Sophisticated notification and reporting function
- Extremely low resource requirements
- Guard (on-access scan) for monitoring files that can be opened on the pocket PC or smartphone, or copied on the device.
- Text message protection for monitoring incoming text messages or for protection against text message spam.

3.2 System requirements

- **System requirements for pocket PC/smartphone**
 - Operating system:
Windows Mobile 5.0
Windows Mobile 6.0 (Classic, Standard, Professional)
Windows Mobile 6.1 (Classic, Standard, Professional)
Windows Mobile 6.5 (Standard, Professional)
 - RAM: Approx. 250 KB
 - File system: Approx. 1.2 MB
- **System requirements for PC**
 - Pentium II processor or higher
 - Operating system: Microsoft Vista, Microsoft Windows XP, Microsoft Windows 2000
 - Microsoft ActiveSync 3.5 or higher
 - Microsoft Internet Explorer 6.0 or higher

3.3 Licensing

Activate your license for AntiVir Mobile with the license file *hbedv.key*. You can obtain the license file by email from Avira GmbH. The license file contains the license for all products that you have ordered in one order process. The license contains details on the product that you have licensed and specifies the period for which this product was licensed.

Note

AntiVir Mobile cannot be used without a valid license.

License AntiVir Mobile during the synchronization:

- ▶ Copy your license file to the ActiveSync directory on your desktop PC.
- ▶ If the synchronization process does not start automatically, start ActiveSync and click **Synchronization**.
 - ↳ The mobile device is synchronized, the license file is copied to the pocket PC or smartphone.
 - ↳ AntiVir Mobile starts automatically when the synchronization has ended.
- ▶ Skip the following section entitled Manually license AntiVir Mobile.

Manually license AntiVir Mobile

To manually transfer the license file, use My Computer or Windows Explorer on your desktop PC. The mobile device is displayed there via a device entry (e.g. Mobile Device).

- ▶ Open this device entry to store the license file directly in the "My Documents" directory on the pocket PC or smartphone.
 - ↳ Start AntiVir Mobile.

Continuation for both license types:

- ↳ AntiVir Mobile starts the *Install license* dialog box:

Pocket PC:

- ▶ Click the **Please select a license** button to switch to the input dialog box and then select the license file: *hbedv.key*
- ▶ Confirm the file selection.
 - ↳ This takes you automatically to the *Install license* dialog box.
 - ↳ The validity of the license file is checked. If the license is valid, the *Install* command is enabled in the footer of the dialog box.
- ▶ To start the installation, click **Install** in the footer of the dialog box.
 - ↳ If the installation was successful, AntiVir Mobile starts.

Smartphone:

- ▶ Click the **Select license** menu command to switch to the input dialog box and then select the license file: *hbedv.key*
- ▶ Confirm the file selection.
 - ↳ This takes you automatically to the *Install license* dialog box.
 - ↳ The validity of the license file is checked. If the license is valid, the *Install* command is enabled in the footer of the dialog box.

- ▶ To start the installation, click **Install** in the footer of the dialog box.
 - ↳ If the installation was successful, AntiVir Mobile starts.

Note

You can also access the license dialog box from the **Help :: License** menu. The expiry date of the installed license is displayed in the license dialog box.

4 Installation and uninstallation

4.1 Installation

AntiVir Mobile is installed by means of a self-extracting ZIP file. When you purchase the product, you can download this ZIP file from the Avira website.

- ▶ Copy the installation file to your desktop PC.
- ▶ Connect your pocket PC or your smart phone to your desktop PC.
- ▶ Make sure that ActiveSync is enabled.
- ▶ Click **Setup** to run the installation file on your desktop PC.
 - ↳ The installation starts. A connection to your pocket PC or smartphone is established with the aid of ActiveSync.
 - ↳ The installation files are copied to the mobile device.
- ▶ Click **OK** to confirm.

The installation is now complete and you can start AntiVir Mobile.

Note

If there is already an AntiVir Mobile version on your device, a corresponding message will be displayed along with a question as to whether you want to continue with the new installation/update.

The installation package does not contain a license file. When AntiVir Mobile is started for the first time, the *Install license* dialog box appears. More information is available under Licensing.

4.2 Uninstall

The following describes how to uninstall AntiVir Mobile:

- ▶ Open the settings via the **Start** menu.
- ▶ Select the **System** tab.
- ▶ Click **Remove programs**.
- ▶ Select the **AntiVir Mobile** entry and click **Remove** to start the uninstall.
- ▶ Confirm the *Remove program* security query with **Yes**.
- ▶ The software is uninstalled.
 - ↳ Following successful uninstallation, the AntiVir Mobile entry is removed from the list of installed software.

5 Operation

AntiVir Mobile has been optimized for pocket PCs and smartphones. On a pocket PC, use the touch screen pen or the soft keys and navigation keys of your device to operate AntiVir Mobile. On a smartphone, use the soft keys and navigation keys to operate AntiVir Mobile.

The dialog boxes on pocket PCs and smartphones were adjusted to optimize the display of the AntiVir Mobile interface: Individual dialog boxes were divided into several tabs for the smaller display of the smartphones and these can be accessed via menus. For this reason, the menu structures and navigation of AntiVir Mobile is different on a pocket PC compared to a smartphone.

The program functions of AntiVir Mobile can be accessed via the following interface elements:

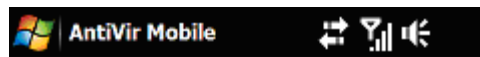
- via the Scan command and the main menu in the footer of the AntiVir Mobile start window
- OR-
- via the menu of the AntiVir tray icon (see Tray icon)

Depending on the menu item selected, commands for saving settings and confirming (left soft key) or commands for navigation or menus (right soft key) are available in the footer of the program windows.

5.1 AntiVir Mobile start window

The start window appears when you start AntiVir Mobile. The results of the last scan, i.e. the last on-demand scan carried out, are displayed in the start window.

Pocket PC:



Please start scan!

Last detection:

Statistic:

Files:	0
Folders:	0
Detections:	0



Smartphone:



Please start scan!

Last detection:

Files:	0
Folders:	0
Detections:	0



Results of the scan:

- Last detection: Name of the virus or unwanted program last detected
- Files: Number of files scanned
- Directories: Number of directories scanned
- Detections: Number of viruses found

Scan / menu

- Scan: Starts the on-demand scan for viruses and malware
- Menu:

Configuration:

- Scanner: Opens the configuration of the Scanner (on-demand scan)

- Guard: Opens the configuration of the Guard (on-access scan)
- Text: Opens the configuration of the text message protection
- Update: Opens the configuration of the update function
- General: Opens the configuration of other settings

Scan results:

- Guard: Displays the results and statistics for the on-access scan
- Scanner: Displays the results and statistics for the on-demand scan

Log:

- Guard: Displays the Guard log file
- Scanner: Displays the Scanner log file
- Updater: Displays the log file of the update module
- Text message protection: Displays the log file of the function for protecting text messages

Help:

- License: Opens a dialog box for installing the license
- About: Displays version information

Update: Starts an update via an Internet connection

End: Closes AntiVir Mobile

5.2 Start AntiVir Mobile

The following describes how to start AntiVir Mobile:

Pocket PC | Smartphone:

- ▶ Open the programs via the **Start** menu.
- ▶ Select **AntiVir Mobile**.
 - ↳ The AntiVir Mobile start window opens.

Note

After you start the program, it is recommended that you start a scan immediately to detect and remove any possible infections.

A scan of the *My Documents* directory is started after each synchronization, provided the corresponding **Start scan after sync** option is enabled in the configuration dialog box. See chapter entitled Configure other settings.

5.3 About AntiVir Mobile / Help

The following describes how you obtain the version information regarding AntiVir Mobile and find out when you carried out your last update:

Pocket PC | Smartphone:

- ▶ Select the **About** item from the menu in the AntiVir Mobile start window.
 - ↳ The *About AntiVir Mobile* dialog box opens.

The following describes how to open the online help:

Pocket PC | Smartphone:

- ▶ Select the **Help** entry in the footer of the *About AntiVir Mobile* dialog box.
 - ↳ The online help opens.

You can also access the help via the **Help** entry in the context menu of the tray icon.

6 Configuration

Following installation, AntiVir Mobile is already configured with default settings that generally apply.

AntiVir Mobile provides you with several options for configuring the protection against viruses and malware as well as for setting the reactions of components to a detection and for customizing the configuration according to your requirements.

With the AntiVir Mobile Guard, you constantly protect your pocket PC or smartphone and all data is checked as soon as it is opened or copied on the device.

- Configure AntiVir Mobile Guard

With the AntiVir Mobile Scanner, you carry out on-demand scans for viruses and malware and check each individual file, but also entire directories of your device if required.

- Configure AntiVir Mobile Scanner

The text message protection function acts a filter during the receipt of text messages to ensure that unwanted text messages are prevented.

- Configure text message protection

You can set the configuration so that a scan is started automatically after synchronization or after an SD card has been inserted.

- Configure other settings

When updating AntiVir Mobile via the Internet, you have the option of using a proxy server. You have the option of having AntiVir Mobile updated automatically after each synchronization process.

- Configure update

6.1 Open and save configuration

The following describes how to open the AntiVir Mobile configuration:

Pocket PC | Smartphone:

- ▶ Select the *Configuration* item from the menu in the AntiVir Mobile start window.
 - ↳ A submenu opens.
- ▶ In this submenu, select the module that you want to configure.
 - ↳ The configuration of the selected module or the selected configuration area is displayed.
 - ↳ If required, use the menu or buttons to navigate to other dialog boxes of the configuration area.

If you want to confirm your configuration settings:

Pocket PC | Smartphone:

- ▶ Select **Save** in the footer of the window.
 - ↳ The settings are saved.
 - ↳ The configuration is closed and the start window is displayed.

Note

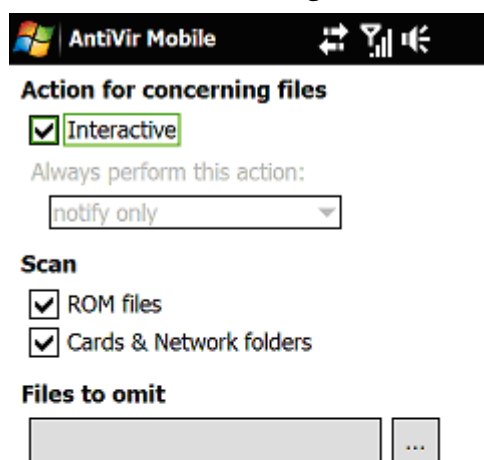
On pocket PCs, the **Save** option is only available in the main dialog boxes of the configuration (Scanner, Guard, Text, Other settings, Update). In all subsequent dialog boxes, you can confirm your settings with **OK**. **OK** automatically takes you to the higher-level dialog box. For your settings to be confirmed, you must save in the main dialog box of the configuration area.

If you want to return to the start window without confirming your settings:

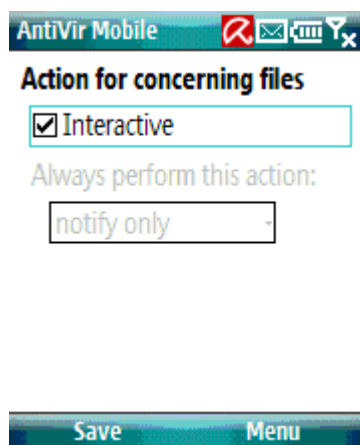
Pocket PC | Smartphone:

- ▶ Select **Back** in the footer of the window.
 - ↳ The configuration is closed without applying the new settings made. The AntiVir Mobile start window is displayed.

Pocket PC: Scanner configuration



Smartphone: Scanner configuration



6.2 Configure AntiVir Mobile Scanner

Use the on-demand scan with the AntiVir Mobile Scanner to specifically check one or more files and programs (but also directories), even if you are currently not accessing them.

Action for concerning files

The following describes how the AntiVir Mobile Scanner should behave if viruses or malware are detected:

Pocket PC | Smartphone:

- ▶ In the *Configuration* menu, select the **Scanner** item.
- ▶ In the *Action for concerning files* area, select whether or not AntiVir Mobile is to react interactively to a detection.
 - **Interactive**
When a virus or malware is detected, a dialog box opens in which you can select what further action is to be carried out.
- ▶ If you disable the Interactive option, you can choose an action that is automatically carried out when a virus or malware is detected:
 - **Delete**
The file is deleted. In addition, the detection and the corresponding action are entered in the log file.
 - **notify only**
The program notifies you of the file. In addition, the detection and the corresponding action are entered in the log file.
- ▶ Confirm your settings with **Save**.

Check ROM files as well as cards and network folders

The following describes how you set whether or not all files in the ROM and/or available cards and network folders are to be included in the scan.

Pocket PC:

- ▶ In the *Configuration* menu, select the **Scanner** item.
- ▶ In the *Scan* area, select the **ROM files** option.
This option is enabled as the default setting.

If available cards and network folders are to be scanned:

- ▶ In the *Scan* area, select the **Cards & Network folders** option.
- ▶ Confirm your settings with **Save**.

Smartphone:

- ▶ In the *Configuration* menu, select the **Scanner** item.
- ▶ Select the **More** menu command to switch to the subsequent dialog box.
- ▶ In the *Scan* area, select the **ROM files** option.
This option is enabled as the default setting.

If available cards and network folders are to be scanned:

- ▶ In the *Scan* area, select the **Cards & Network folders** option.


- ▶ Confirm your settings with **Save**.

Files to omit


You have the option of omitting individual files from the on-demand scan of the AntiVir Mobile Scanner.

The following describes how to set which files are to be omitted from the on-demand scan:

Pocket PC:

- ▶ In the *Configuration* menu, select the **Scanner** item.
- ▶ Use the  button in the *Files to omit* area to switch to the input dialog box.
- ▶ Enter the file to be omitted along with the path details in the *Files to omit* input box. An input box and a list of files that have already been entered for omission are displayed in the input dialog box.
- ▶ Enter the file to be omitted along with the path details in the *Add entry* field.

- OR -

Use the  button in the *Add entry* area to open the Browse dialog box and select the file to be omitted.

- ▶ Confirm the entry with the **Add** button.
 - ↳ The specified file is added to the list of file objects to be omitted.
- ▶ Confirm your settings with **OK** and confirm the configuration with **Save** in the main dialog box of the scanner configuration.

Smartphone:

- ▶ In the configuration menu, select the **Scanner** item.
- ▶ Use the **More** menu command to switch to the *Exceptions* dialog box.
- ▶ Use the **File list** menu command to switch to the *Files to omit* dialog box. A list of files that have already been entered for omission is displayed in the *Files to omit* dialog box.
- ▶ In the *Files to omit* dialog box, select the **Add item** menu command.
- ▶ In the input dialog box that is then displayed, enter the file to be omitted and the path details in the *Add entry* input box and save your entries with **Save**.
 - ↳ The file is added to the list of file objects to be omitted.
 - ↳ Save and confirm the list of file objects to be omitted.

- OR -

- ▶ Use the **Explore** menu command in the input dialog box to open the Browse dialog box and select the file to be omitted.
- ▶ Confirm your file selection with **OK**.
- ▶ This automatically takes you to the *Files to omit* dialog box.
- ▶ The selected file was transferred to the list of file objects to be omitted.
- ▶ Save your file selection in the *Files to omit* dialog box.

Note

You cannot enter an unlimited number of file names. Once the maximum number of file names has been exceeded, additional entries are not transferred to the list.

If you want to delete files from the list of file objects to be omitted:

Pocket PC:

- ▶ Navigate to the input dialog box for file objects to be omitted: **Configuration :: Scanner :: [...] button** in the *Files to omit* area.
- ▶ In the list of files to be omitted, select the file that you want to delete.
- ▶ Select **Delete** to remove the file from the list.
 - ↳ The selected file is removed from the list of file objects to be omitted.
- ▶ Confirm and save your changes.

Smartphone:

- ▶ Navigate to the *Files to omit* dialog box: **Configuration :: Scanner :: More :: File list**
- ▶ In the list of file objects to be omitted, select the file that you want to delete.
- ▶ Select the **Remove item** command to remove the file from the list.
 - ↳ The selected file is removed from the list of file objects to be omitted.
- ▶ Save your file selection in the *Files to omit* dialog box.

Note

The maximum length of the file details with the specified path is 255 characters.

Note

The files included in this list are entered in the log file of the AntiVir Mobile Scanner. Check the log file of the scanner from time to time for these files and determine whether the files should continue to be omitted from the on-demand scan.

6.3 Configure AntiVir Mobile Guard

You will normally want to monitor your system constantly. To do so, use the on-access scanner of the AntiVir Mobile Guard. In this way, all files on the pocket PC or smartphone are scanned for viruses and malware as soon as they are opened or copied on the device. The AntiVir Mobile Guard does not scan any files that are newly written.

Activate AntiVir Mobile Guard

The following describes how to activate the AntiVir Mobile Guard:

Pocket PC | Smartphone:

- ▶ In the *Configuration* menu, select the **Guard** item.
- ▶ Enable the **Activate Guard** option.
 - ↳ The AntiVir Mobile Guard is active and scans files as soon as they are opened or copied on the device.
- ▶ Confirm your settings with **Save**.

Action for concerning files

The following describes how you set the way in which the AntiVir Mobile Guard should behave if viruses or malware are detected:

Pocket PC | Smartphone:



- ▶ In the *Configuration* menu, select the **Guard** item.
- ▶ In the *Action for concerning files* area, select which action is to be carried out. The selected action is executed automatically if there is a detection:
 - **Delete**
The file is deleted. In addition, the detection and the corresponding action are entered in the log file.
 - **notify only**
The program notifies you of the file. It is possible to execute the file. In addition, the detection and the corresponding action are entered in the log file.
 - **Refuse access**
Access to the file is not allowed. It is not possible to execute the file. In addition, the detection and the corresponding action are entered in the log file.
- ▶ Confirm your settings with **Save**.

Processes to omit

You have the option of excluding processes from monitoring by the Guard.

The following describes how to define which processes are to be excluded from monitoring by the Guard:

Pocket PC:

- ▶ In the *Configuration* menu, select the **Guard** item.
- ▶ Use the  button in the *Exceptions & Processes to omit* area to switch to the *input dialog box*. An input box and a list of processes that have already been entered for omission are displayed in the input dialog box.
- ▶ Enter the process to be omitted in the *Add entry* field.
- OR -
- ▶ Use the  button in the *Add entry* area to open the subsequent dialog box in which all active processes are displayed.
- ▶ Select a process and confirm your selection with **OK**.
 - ↳ This automatically takes you to the input dialog box. The specified process was transferred to the input box.
- ▶ Confirm the entry with the **Add** button.
 - ↳ The specified process is added to the list of processes to be omitted.
- ▶ Confirm your settings with **OK** and confirm the configuration with **Save** in the main dialog box of the Guard configuration.

Smartphone:

- ▶ In the *Configuration* menu, select the **Guard** item.
- ▶ Use the **More** menu command to switch to the *Exceptions* dialog box.

- ▶ Use the **Process list** menu command to switch to the *Processes to omit* dialog box. A list of files that have already been entered for omission is displayed in the *Processes to omit* dialog box.
- ▶ In the *Processes to omit* dialog box, select the **Add item** menu command.
- ▶ In the input dialog box that is then displayed, enter the process to be omitted and the path details in the *Add entry* input box and save your entries with **Save**.
 - ↳ The process is added to the list of processes to be omitted.
 - ↳ Save and confirm the list of processes to be omitted.
- OR -
- ▶ Select the **Explore** menu command in the input dialog box. A list of all active processes is displayed in the subsequent dialog box.
- ▶ Select a process and confirm your selection with **OK**.
 - ↳ This automatically takes you to the *Processes to omit* dialog box. The selected process was transferred to the list of processes to be omitted.
- ▶ Save your settings in the *Processes to omit* dialog box.

Note

You cannot enter an unlimited number of processes. Once the maximum number of processes has been exceeded, additional entries are not transferred to the list.

If you want to delete processes from the list of processes to be omitted:

Pocket PC:

- ▶ Navigate to the input dialog box for processes to be omitted: **Configuration :: Guard :: [...] button** in the *Processes to omit* area.
- ▶ In the list of processes to be omitted, select the process that you want to delete.
- ▶ Select **Delete** to remove the process from the list.
 - ↳ The selected process is removed from the list of processes to be omitted.
- ▶ Confirm and save your changes.

Smartphone:

- ▶ Navigate to the *Processes to omit* dialog box: **Configuration :: Guard :: More :: Process list**
- ▶ In the list of processes to be omitted, select the process that you want to delete.
- ▶ Select the **Remove item** command to remove the process from the list.
 - ↳ The selected process is removed from the list of processes to be omitted.
- ▶ Save your settings in the *Processes to omit* dialog box.

Note



To transfer the changes to the list of processes to be omitted, you must restart the Guard. This is done automatically as soon as the list is changed by the addition or deletion of an entry.

Files to omit

You have the option of excluding individual files from monitoring by the Guard.

The following describes how to define which files are to be excluded from monitoring by the Guard:

Pocket PC:

- ▶ In the *Configuration* menu, select the **Guard** item.
- ▶ Use the  button in the *Exceptions - Files to omit* area to switch to the input dialog box. An input box and a list of files that have already been entered for omission are displayed in the input dialog box.
- ▶ Enter the file to be omitted along with the path details in the *Add entry* field.
- OR -
- ▶ Use the  button in the *Add entry* area to open the Browse dialog box and select the file to be omitted.
- ▶ Confirm the entry with the **Add** button.
 - ↳ The specified file is added to the list of file objects to be omitted.
- ▶ Confirm your settings with **OK** and confirm the configuration with **Save** in the main dialog box of the Guard configuration.

Smartphone:

- ▶ In the *Configuration* menu, select the **Guard** item.
- ▶ Use the **More** menu command to switch to the *Exceptions* dialog box.
- ▶ Use the **File list** menu command to switch to the *Files to omit* dialog box. A list of files that have already been entered for omission is displayed in the *Files to omit* dialog box.
- ▶ In the *Files to omit* dialog box, select the **Add item** menu command.
- ▶ In the input dialog box that is then displayed, enter the file to be omitted and the path details in the *Add entry* input box and save your entries with **Save**.
 - ↳ The file is added to the list of file objects to be omitted.
 - ↳ Save and confirm the list of file objects to be omitted.
- OR -
- ▶ Use the **Explore** menu command in the input dialog box to open the Browse dialog box and select the file to be omitted.
- ▶ Confirm your file selection with **OK**.
 - ↳ This automatically takes you to the *Files to omit* dialog box.
 - ↳ The selected file was transferred to the list of file objects to be omitted.
- ▶ Save your file selection in the *Files to omit* dialog box.

Note

You cannot enter an unlimited number of file names. Once the maximum number of file names has been exceeded, additional entries are not transferred to the list.

If you want to delete files from the list of file objects to be omitted:

Pocket PC:

- ▶ Navigate to the input dialog box for file objects to be omitted: **Configuration :: Guard :: [...] button** in the *Files to omit* area.

- ▶ In the list of file objects to be omitted, select the file that you want to delete.
- ▶ Select **Delete** to remove the file from the list.
 - ↳ The selected file is removed from the list of file objects to be omitted.
- ▶ Confirm and save your changes.

Smartphone:

- ▶ Navigate to the *Files to omit* dialog box: **Configuration :: Guard :: More :: File list**
- ▶ In the list of file objects to be omitted, select the file that you want to delete.
- ▶ Select the **Remove item** command to remove the file from the list.
 - ↳ The selected file is removed from the list of file objects to be omitted.
- ▶ Save your file selection in the *Files to omit* dialog box.

Note

To transfer the changes to the list of file objects to be omitted, you must restart the Guard. This is done automatically as soon as the list is changed by the addition or deletion of an entry.

6.4 Configure text message protection

The text message protection function acts as a filter during the receipt of text messages to intercept messages from unwanted or unknown senders. In the case of unknown senders of a text message, a dialog box appears in which you can select whether you want to allow or block the message. The selected action can be saved: If this option is enabled, the telephone number of a 'blocked' sender is added to the list of unwanted senders. The number of an 'allowed' sender is stored in the list of allowed senders. Depending on the configuration, in the case of unwanted senders of a text message, the dialog box is displayed or a predefined action is carried out.

The following configuration options are available:

- Enable or disable text message protection
- Select an action to be carried out when a message is received from an unwanted sender
- Administration of the lists of allowed and unwanted senders

Unwanted Sender:

Telephone numbers of senders whose messages were blocked with the *Save action* option enabled

All telephone numbers that were removed from the list of allowed senders

Allowed Sender:

Telephone numbers of senders whose messages were allowed with the *Save action* option enabled

Telephone numbers of the phone book, provided that the *Use phone book* option is enabled and the entered number has not been removed from the list of allowed senders.

The following describes how to enable or disable text message protection:

Pocket PC | Smartphone:

- ▶ In the *Configuration* menu, select the **Text** item.

- ▶ Enable or disable the *Text message protection* option in the *General* area.
- ▶ Confirm your settings with **Save**.

The following describes how AntiVir Mobile should behave if a message is received from an unwanted sender:

Pocket PC | Smartphone:

- ▶ In the *Configuration* menu, select the **Text** item.
- ▶ In the *Action for unwanted sender* area, select whether or not AntiVir Mobile is to react interactively to the receipt of a message from an unwanted sender.
 - **Interactive**
In the case of receipt of a message from an unknown sender, a dialog box appears in which you can select whether you want to block or allow the receipt (i.e. saving) of the message.
- ▶ If you disable the **Interactive** option, you can choose an action that is automatically carried out when a message is received from an unwanted sender:
 - **block**
The message is blocked, i.e. it is not saved but is deleted after receipt.
 - **allow**
The message is allowed, i.e. it is saved and can be accessed.
- ▶ Confirm your settings with **Save**.

The following describes how to carry out the administration for the lists of *allowed senders* and *unwanted senders*:

Pocket PC:

- ▶ In the *Configuration* menu, select the **Text** item.
- ▶ Select the **Edit senders** menu command to switch to the subsequent dialog box.
In the *Allowed Sender* area, you can automatically add telephone numbers that are in the phone book to the list of allowed senders and delete telephone numbers from the list of allowed senders. In the *Unwanted Sender* area, you can delete telephone numbers from the list of unwanted senders.

If you want to add the telephone numbers of the phone book to the list of allowed senders:

- ▶ Enable the **Use phone book** option.
 - ↳ All telephone numbers of the phone book are displayed in the list of allowed senders. The messages from senders listed in the phone book are now handled like messages from allowed senders.
- ▶ Confirm your settings with **Save**.

If you want to delete telephone numbers from the lists of allowed or unwanted senders:

- ▶ In the list, select the number that you want to delete.
Use the arrow keys to navigate in the lists.
- ▶ Click the **Delete** button.
 - ↳ The selected number is deleted from the list.
- ▶ Confirm your settings with **Save**.

Smartphone:

- ▶ In the *Configuration* menu, select the **Text** item.

- ▶ Use the *Allowed Sender* menu command to switch to the **Allowed Sender** dialog box to carry out the administration for the list of allowed senders. Use the *Unwanted Sender* menu command to switch to the **Unwanted Sender** dialog box to carry out the administration for the list of unwanted senders.

In the *Allowed Sender* dialog box, you can automatically add telephone numbers that are in the phone book to the list of allowed senders and delete telephone numbers from the list of allowed senders. In the *Unwanted Sender* dialog box, you can delete telephone numbers from the list of unwanted senders.

If you want to add the telephone numbers of the phone book to the list of allowed senders:

- ▶ In the *Allowed Sender* dialog box, select the **Use phone book** option.
 - ↳ All telephone numbers of the phone book are displayed in the list of allowed senders. The messages from senders listed in the phone book are now handled like messages from allowed senders.
- ▶ Confirm your settings with **Save**.

If you want to delete telephone numbers from the lists of allowed or unwanted senders:

- ▶ Navigate to the list from which you want to delete telephone numbers: Allowed Sender or Unwanted Sender.
- ▶ In the list, select the number that you want to delete.
- ▶ Select **Delete** to remove the number from the list.
 - ↳ The selected number is deleted from the list.
- ▶ Confirm your settings with **Save**.

Note

If the **Use phone book** option is disabled, the messages from senders listed in the phone book are handled like messages from unknown senders. When a message is received, a dialog box appears asking you whether you want to allow or block the message.

Note

If you delete a number from the list of allowed senders, it is automatically added to the list of unwanted senders.

If you delete a number from the list of unwanted senders, it is only added to the list of allowed senders if it is a number from the phone book AND if the *Use phone book* option is enabled.

6.5 Configure other settings

You can set whether or not a scan is started automatically after each synchronization process or after an SD card has been inserted. You can configure the display of the scan.

Automatic scan

The following describes how you set whether or not a scan is started automatically after each synchronization process of AntiVir Mobile or after an SD card has been inserted.

Pocket PC | Smartphone:

- ▶ In the *Configuration* menu, select the **General** item.
- ▶ Select the events after which a scan is to be started automatically:
 - **After synchronization**

After each synchronization process, AntiVir Mobile automatically starts a scan of the 'My Documents' directory. The option is enabled as the default setting.

– **After adding a SD card**

A scan is started automatically when an SD card is inserted into the device. The option is enabled as the default setting.

- ▶ Confirm your settings with **Save**.

If you want the scan to be maximized when started:

- ▶ Enable the **Run scans visible on screen** option.

When the scan is started, a window opens in which the progress of the scan is displayed.

- ▶ Confirm your settings with **Save**.

Note

It is recommended that you enable the **After synchronization** option, as viruses or unwanted programs can access your device during each synchronization process.

Note

It is recommended that you enable the **After adding a SD card** option, as viruses or unwanted programs can access your device via each new SD card.

6.6 Configure update

You have the option of having AntiVir Mobile updated automatically after each synchronization process. When updating AntiVir Mobile via the Internet, you can use a direct connection to the web server or a connection via a proxy server.

General (Start update after sync)

The following describes how you set whether or not an update is carried out automatically after each synchronization process of AntiVir Mobile:

Pocket PC | Smartphone:

- ▶ In the *Configuration* menu, select the **Update** item.
- ▶ Enable the **Start update after sync** option in the *General* area.
This option is enabled as the default setting.
- ▶ Confirm your settings with **Save**.

Proxy server

The following describes how you set whether or not you want to use a proxy server:

Pocket PC | Smartphone:

- ▶ In the *Configuration* menu, select the **Update** item.
- ▶ Enable the **Use proxy server** option in the *Proxy server* area.
When the option is enabled, the current system settings are used for the connection to the web server via a proxy server.
- ▶ Confirm your settings with **Save**.

If you use a proxy server:

- ▶ Use the ActiveSync process to set up a proxy server and set the connection settings to 'Connection to company network'.

7 Scan

AntiVir Mobile provides two ways of finding viruses and malware:

- Scan active files (on-access scan)
- Carry out a specific scan for viruses and malware (on-demand scan)

In addition, you have the following options:

- React to detected viruses and malware
- Display scan results and statistics
- Access log file

7.1 Scan active files (on-access scan)

By default, the AntiVir Mobile Guard scans files for viruses and malware in real time (on-access) as soon as they are opened or copied on the device.

The AntiVir Mobile Guard should be permanently activated to ensure that your device is effectively protected from viruses and malware.

The following describes how you check whether AntiVir Mobile Guard is activated:

Pocket PC | Smartphone:

- ▶ Select the *Configuration* item from the menu in the AntiVir Mobile start window.
 - ↳ A submenu opens.
- ▶ In the submenu, select the **Guard** item.
- ▶ Check whether the **Activate Guard** option is enabled.
- ▶ If required, activate the Guard and confirm the change with **Save**.

7.2 Carry out a specific scan for viruses and malware (on-demand scan)

The following describes how to start a specific scan:

Pocket PC | Smartphone:

- ▶ Select **Scan** in the footer of the AntiVir Mobile start window.
 - ↳ The scanner scans the mobile device for viruses and malware.

Note

If you want to interrupt a scan, select **Stop** in the footer of the program window.

7.3 React to detected viruses and malware

If AntiVir Mobile Scanner finds viruses or malware, AntiVir Mobile provides you with the following options for reacting to this:

- **Delete**

The file is deleted. In addition, the detection and the corresponding action are entered in the log file.

- **notify only**

The program notifies you of the file. It is possible to execute the file. In addition, the detection and the corresponding action are entered in the log file.

7.4 Display scan results and statistics

Display scan results and statistics for the on-access scan

Pocket PC:

- ▶ Select the *Scan results* item from the menu in the AntiVir Mobile start window.
 - ↳ A submenu opens.
- ▶ In the submenu, select the **Guard** item.
 - ↳ The scan results and statistics for the AntiVir Mobile Guard are displayed.

Smartphone:

- ▶ Select the *Scan results* item from the menu in the AntiVir Mobile start window.
 - ↳ A submenu opens.
- ▶ In the submenu, select the **Guard** item.
 - ↳ The scan results for the AntiVir Mobile Guard are displayed.

If you want to access the statistics for the AntiVir Mobile Guard:

- ▶ In the Guard scan results dialog box, select the **More** menu command.
 - ↳ The statistics for the AntiVir Mobile Guard are displayed.

Display scan results and statistics for the on-demand scan

Pocket PC:

- ▶ Select the *Scan results* item from the menu in the AntiVir Mobile start window.
 - ↳ A submenu opens.
- ▶ In the submenu, select the **Scanner** item.
 - ↳ The scan results and statistics for the AntiVir Mobile Scanner are displayed.

Smartphone:

- ▶ Select the *Scan results* item from the menu in the AntiVir Mobile start window.
 - ↳ A submenu opens.
- ▶ In the submenu, select the **Scanner** item.
 - ↳ The scan results for the AntiVir Mobile Scanner are displayed.

If you want to access the statistics for the AntiVir Mobile Scanner:

- ▶ In the Scanner results dialog box, select the **More** menu command.
 - ↳ The statistics for the AntiVir Mobile Scanner are displayed.

The following information is available

Scan results:

- Last file found

- Last detection
- Last scanned file

Statistics:

- Scanned files
- Detections
- Deleted files

Note

The statistical data for the on-access scan is reset every time the Guard is restarted. The statistical data for the on-demand scan is reset every time a scan is started.

7.5 Access log file

Access log file for on-access scan

Pocket PC | Smartphone:

The following describes how to access the log file for the AntiVir Mobile Guard:

- ▶ Select the *Log* item from the menu in the AntiVir Mobile start window.
 - ↳ A submenu opens.
- ▶ In the submenu, select the **Guard** item.
 - ↳ The log file for the AntiVir Mobile Guard opens.

Access log file for on-demand scan

Pocket PC | Smartphone:

The following describes how to access the log file for the AntiVir Mobile Scanner:

- ▶ Select the *Log* item from the menu in the AntiVir Mobile start window.
 - ↳ A submenu opens.
- ▶ In the submenu, select the **Scanner** item.
 - ↳ The log file for the AntiVir Mobile Scanner opens.

Note

The log file for the AntiVir Mobile Scanner is rewritten each time AntiVir Mobile is started.

Access log file for the text message protection

Note

The log file for the text message protection is only available once a text message has been received.

The following describes how to access the log file for the text message protection:

Pocket PC | Smartphone:

- ▶ Select the *Log* item from the menu in the AntiVir Mobile start window.
 - ↳ A submenu opens.

- ▶ In the submenu, select the **Text** item.
 - ↳ Opens the configuration of the text message protection

Access log file for the AntiVir Mobile Updater

Note

The log file for the AntiVir Mobile Updater is only available once an update has been carried out.

The following describes how to access the log file for an update:

Pocket PC | Smartphone:

- ▶ Select the *Log* item from the menu in the AntiVir Mobile start window.
 - ↳ A submenu opens.
- ▶ In the submenu, select the **Update** item.
 - ↳ The log file for the AntiVir Mobile Updater opens.

Entries in the log file

Note

Which entries are displayed depends on the log file of the respective mode (AntiVir Mobile Guard, AntiVir Mobile Scanner, AntiVir Mobile Updater, AntiVir Mobile Text Message Protection).

- Creation date
Date on which the log file was created.
- Program info
Version information on the individual program components.
- Installation directory
Installation directory of AntiVir Mobile.
- License info
Information on the license holder, the serial number of the license and the validity date of the installed license.
- System info
Version information on the installed version, processor type, device name and device type.
- Update
Start of the last update, update actions
- Scan
Start of the scan, current configuration used to carry out the scan, detections/error messages, end of the scan, the time required for the scan and the scan results.
- Text message protection
Status of the text message protection (text message protection enabled/disabled), configuration changes, text messages received (time stamp, sender's number, the first 15 characters of the message), actions carried out for received text message (text message blocked or allowed, action saved).

8 Text message protection

If text message protection is enabled, messages from unknown senders are intercepted. Depending on the configuration, messages from unwanted senders are also intercepted. A dialog box appears asking you if you want to allow or block the text message. The following data is displayed:

- Number: Telephone number of the sender of the text message
- Content: The first 15 characters of the text message are displayed.

Note

If the text message is from a sender stored in the phone book, the contact name from the phone book is displayed instead of the telephone number.

If you want to receive the message:

Pocket PC | Smartphone:

- ▶ Enable the **allow** option.
- ▶ Confirm your selection with **OK**.
 - ↳ The text message is saved and can be accessed.

If you do not want to receive the message:

Pocket PC | Smartphone:

- ▶ Enable the **block** option.
- ▶ Confirm your selection with **OK**.
 - ↳ The text message is deleted.

You can save the actions carried out:

- ▶ Enable the **Save selected action** option.
 - ↳ All blocked senders are added to the list of unwanted senders.
All allowed senders are added to the list of allowed senders.

9 Update

AntiVir Mobil can only effectively protect your pocket PC or smartphone from malware if you update the search algorithms (=search engine) and the virus definitions (= VDF file) at regular intervals.

It is also possible to update the files manually.

- Manual update

Alternatively, you can load the data directly from the web server when connected to the Internet.

- Internet update

Note

AntiVir Mobile has a so-called rollback function.

If an update fails, AntiVir Mobile automatically restores the system status from before the update.

9.1 Manual update

To perform an update, proceed as follows:

- ▶ Go to the Product download page on www.avira.com and download the update files to your desktop PC (AntiVir Mobile Engine (Update), AntiVir Mobile VDF (Update)).
- ▶ Unpack these files with a suitable unpacker (e.g. WinZip) and copy the files to the ActiveSync directory on your desktop PC.
- ▶ If the synchronization process does not start automatically, start ActiveSync and click on **Synchronization**.
- ▶ Your pocket PC or smartphone is synchronized and the search engine and/or virus definition file is/are copied to your device.
- ▶ Start AntiVir Mobile and the update will be installed automatically.

Note

When you start AntiVir Mobile, the program automatically searches for an update of the search engine (*avearm.dll* or *aveintel.dll*) and of the virus definition file (*mobile.vdf*) in the synchronization directory (*\\My Documents*) and also installs these.

9.2 Internet update

- ▶ Click **Update** in the menu in the AntiVir Mobile start window.
 - ↳ The Updater then attempts to establish a connection to the web server. If a connection cannot be established through the desktop PC or WLAN, an attempt is made to connect via GPRS as an alternative.

If the connection to the web server is successful, AntiVir Mobile checks whether new files are available. If so, AntiVir Mobile downloads the new files and installs them on the pocket PC or smartphone. Otherwise, you receive a message indicating that no new files are available.

Note

If an update fails, you can check the reasons for this in the log file.

Pocket PC: Internet update



- Searching for update
- Downloading update
- Installing update

Installation was successful!



Smartphone: Internet update



- Searching for update
- Downloading update
- Installing update

Installation was successful!





If you want to access the log file for the Updater:

Pocket PC | Smartphone:

- ▶ Select **Report** in the footer of the program window.

10 Tray icon

The tray icon in the system tray of the "Today" window shows the status of the AntiVir Mobile Guard.

Icon	Description
	AntiVir Guard is activated.
	AntiVir Guard is disabled.

Note

The tray icon cannot be selected for some device types. The tray icon cannot be displayed for some device types. If the tray icon is not visible, this does **not** mean that the Guard is disabled.

10.1 Context menu

Central functions of Avira Mobile can be quickly accessed via the context menu of the tray icon. To open the context menu, right-click the tray icon.

Entries in the context menu

- Text message protection: Enables or disables text message protection.
- Activate AntiVir Guard: Activates or disables the AntiVir Mobile Guard.
- Start AntiVir: Opens the AntiVir Mobile main program.
- Start scan: Starts a scan.
- Start update: Starts an update.
- Configure AntiVir: Opens the AntiVir Mobile configuration:
 - Scanner: Opens the configuration of the scanner (on-demand scan)
 - Guard: Opens the configuration of the Guard (on-access scan)
 - Text: Opens the configuration of the text message protection
 - Update: Opens the configuration of the update function
 - General: Opens the configuration of other settings
- Add license: Opens the license dialog box.
- Help: Opens this online help.
- Avira on the Internet: Opens the web portal of Avira on the Internet. The condition for this is that you have an active connection to the Internet.

11 Service

Help and additional information is available here:

- Service hotline
- Online shop

11.1 Service hotline

All necessary information on our comprehensive support service can be obtained from our website at <http://www.avira.com/en/support>. Experts are available to answer your questions and provide further help with technical problems.

11.2 Online shop

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MD5

md5_opt package - optimized stand-alone MD5 reference implementation
V1.0

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5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or

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Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

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- a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked

with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

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c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

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necessary. Here is a sample; alter the names:

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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!

Jean-loup Gailly and Mark Adler

```
/* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.3, July 18th, 2005
```

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The data format used by the zlib library is described by RFCs (Request for
Comments) 1950 to 1952 in the files <http://www.ietf.org/rfc/rfc1950.txt>
(zlib format), [rfc1951.txt](http://www.ietf.org/rfc/rfc1951.txt) (deflate format) and [rfc1952.txt](http://www.ietf.org/rfc/rfc1952.txt) (gzip format).

```
*/
```

```
/* zlib.h -- interface of the 'zlib' general purpose compression library
```

version 1.1.4, March 11th, 2002

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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <ftp://ds.internic.net/rfc/rfc1950.txt> (zlib format), [rfc1951.txt](ftp://ds.internic.net/rfc/rfc1951.txt) (deflate format) and [rfc1952.txt](ftp://ds.internic.net/rfc/rfc1952.txt) (gzip format).

*/



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