Avira Professional Security

Migration to
Avira Professional Security version 2013

HowTo

AVIRA

Table of contents

1. Introduction 3

2. Manual Upgrade of Avira Professional Security 3

3. Migration via the Avira Management Console (AMC) 8

4. Migration using the Avira Professional Security SFX-Installationspackage and *setup.inf* 14

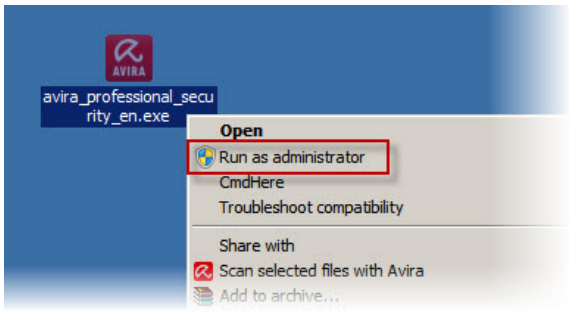
1. Introduction

The migration/upgrade to the new Avira Professional Security version 2013 can be performed in various ways. This document describes the manual upgrade, the migration of the product via the Avira Management Console (AMC), the migration via the SFX installation package and setup.inf.

2. Manual Upgrade of Avira Professional Security

Download the latest version of Avira Professional Security from the Avira website and save it on your desktop.

The Avira installation has to be performed with an administrative account. Therefore, click with your right mouse button on the installation file and run the installation as an administrator.



After starting the executable *avira_professional_security_en.exe* the software is searching for incompatible software and a previous Avira installation.

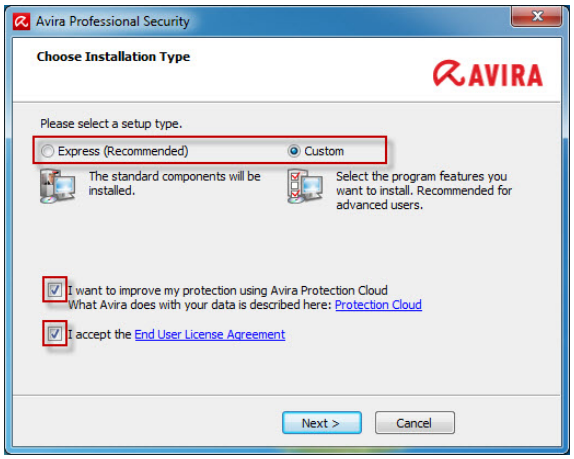
Uninstallation of the previous product

If any previous version of Avira will be found on the system, the setup will start with the upgrade process. The existing product will be removed during the upgrade process. Therefore, a system reboot is necessary to continue with the upgrade of the current product.

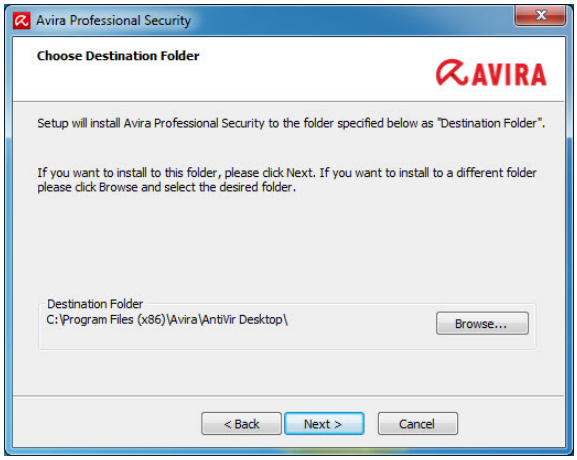
Installation of the current product

After the system reboot, the Avira service starts automatically and the installation of the new Avira Professional Security continues. The user has the possibility to select the type of installation. To improve the protection via „Protection Cloud“, the predetermined option has to be enabled and the „End User License Agreement“ accepted.

Visit our Avira website for further information about the „Protection Cloud“.



The setup will install the program in the default „Destination Folder“:
C:\Program Files\Avira\AntiVir Desktop
The default directory can be changed by clicking the **Browse** button.



The installation will continue depending on the setup type you have made previously.

Express

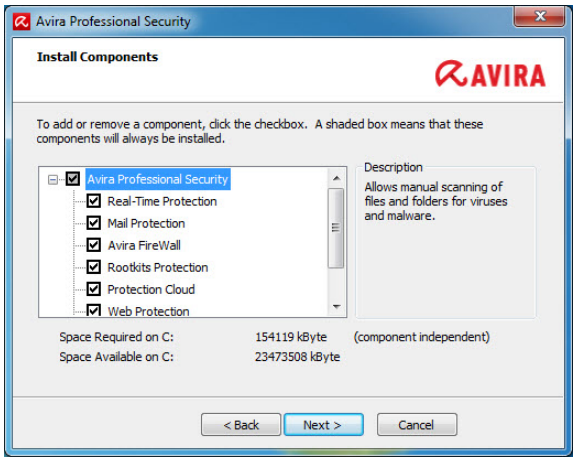
- Avira Professional Security will be installed with all default program components (The Express installation does not include the module FireWall)
- The program files are installed in the given default directory:
  C:\Program Files\Avira\AntiVir Desktop

Custom

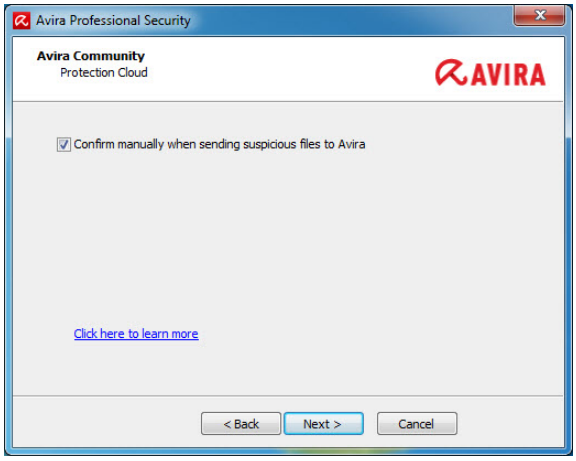
- You can choose a target folder for the program files which have to be installed
- You have the possibility to choose program components/modules for the installation
- You can deactivate the creation of a desktop icon and a program group in the start menu

In the custom setup you can choose the following modules:

- Real-Time Protection (permanent scanning of all file accesses in real time)
- Mail Protection (permanent scanning of all incoming and outgoing Emails POP3, IMAP, SMTP including attachments)
- Avira FireWall (Rule-based control over incoming and outgoing Internet traffic)
- Rootkits Protection (detection of potential rootkits)
- Protection Cloud (Module for dynamic online detection of still unknown malware)
- Web Protection (permanent protection against viruses and malware via browser)
- Shell Extension (direct scanning of files and directories in the Windows Explorer)



In the next window, you have the possibillity to activate the manually confirmation when sending suspicious files to Avira Protection Cloud.
This option can also be configured later in the product.

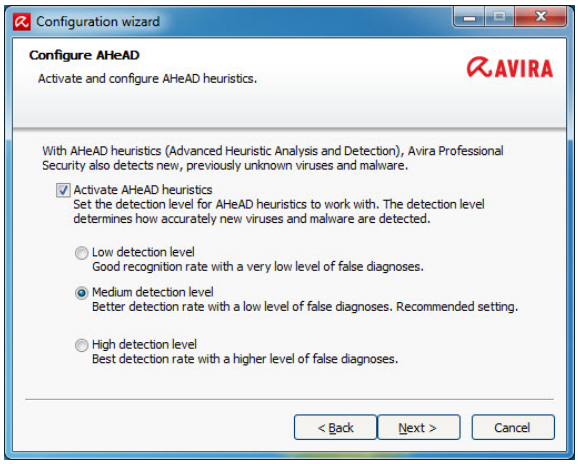


Thereafter, you can additionally select, whether a desktop icon and a program group should be installed in the Start menu.

Afterwards, the window “Install License” appears. To use the full version of Avira Professional Security, you have to install the license key file in the specified location. Use the **Browse** button to copy the key file in the proper location.

The installation of Avira Professional Security is now complete. Within the next steps, you have to specify the basic settings for the reliable working of the product. Therefore, the „Configuration Wizard“ will help you with the basic settings.

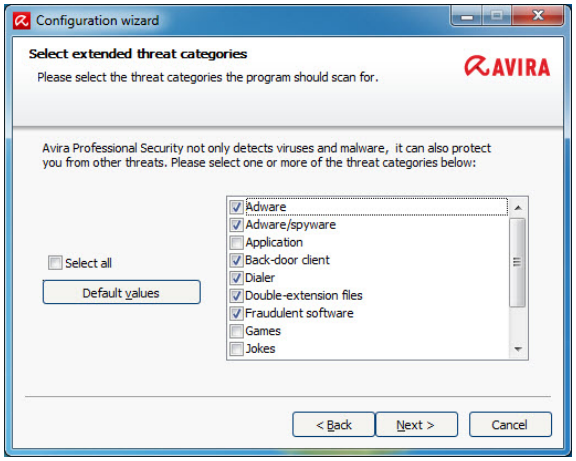
Next, you can configure the engine and choose the detection level for the AHeAD technology. The chosen detection level is used for the settings of the AHeAD technology of the scanner (direct scan) and of the Real-Time Protection (real time scan).



Note
Please be aware that a high detection level detects a large quantity of unknown malware, but also increases the risk of false positives.

In the following menu you can choose the extended threat categories, which will be detected. Some options are activated by default as the risks of adware/spyware and backdoor control software, phishing and dialers are very high.

However, many administrator tools are detected by Avira as “Security Privacy Risk”. Avira cannot distinguish if a suspicious program is used intentionally by an admin. This is why we excluded application, SPR and games from the default settings.



In the next window you can define the default rules for the Avira FireWall how to handle requests for accessing the network or using shared network resources. Afterwards, choose the start mode of the „Realtime Protection“. Using the “Normal start“, the „Realtime Protection“ gets started in the normal, automatic and recommended mode.

Using the “Secure start”, the „Realtime Protection“ is loaded as soon as possible. This increases the security level, but the start needs more time. Some viruses are loaded directly with the operation system. So they might be already active before the „Realtime Protection“ is loaded.

Using the „Secure start“, the „Realtime Protection“ is started first. The start of the other component will not be continued until the „Realtime Protection“ is loaded completely and functions. Because of this security measure, the system start is prolonged.

In the following configuration dialog, you can enter the server settings for the Emails. Avira Professional Security forwards its Emails via SMTP in order to send Email alerts from the different modules, „Realtime Protection“, scanner and updater. In case you do not know the address of your SMTP server or you do not want to use this option, you can leave the relevant fields empty.

Afterwards, you can choose the option “Performs short system scan after installation” in order to scan your computer directly after the installation.

3. Migration via the Avira Management Console (AMC)

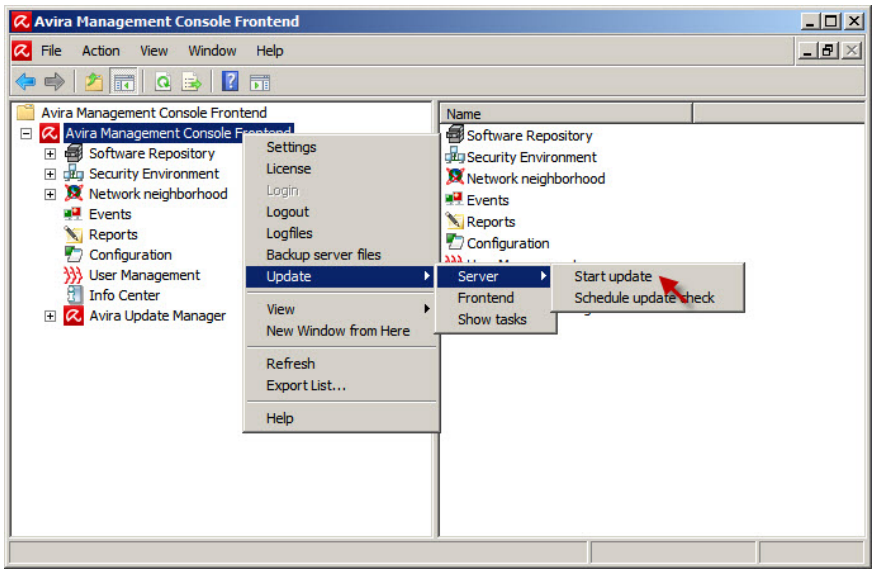
2.1 Preparation of the AMC environment

Prior to a migration/upgrade of the product, some preparations of the AMC environment are required.

- Update the „Management Console Server“
- Update the „Management Console Frontend“
- Update the „Management Console Agent“

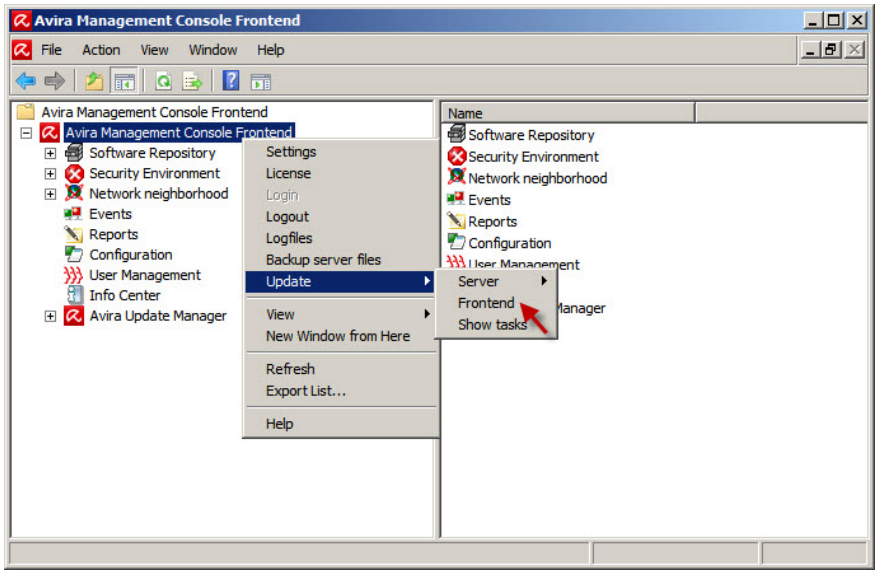
2.1.1 Update the AMC Server

Update the „AMC Server“ with a right click on *Avira Management Console Frontend* > *Select Update* > *Server* > *Start update*.



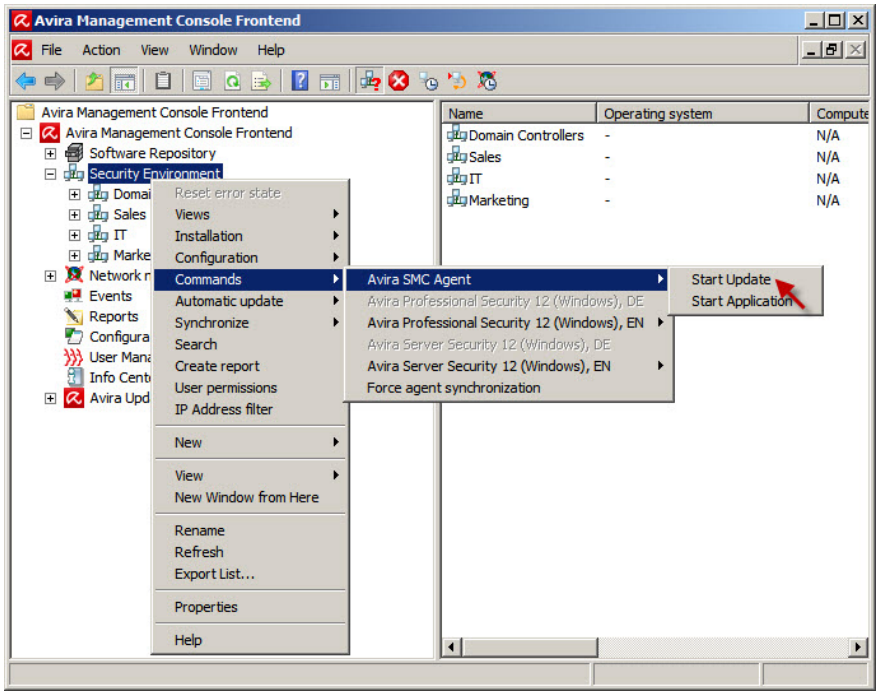
2.1.2 Update the AMC Frontend

After a successful update of the „AMC Server“, the update of the „AMC Frontend“ has to be performed. To do this, repeat the step as in upgrading the server. Click with the right mouse button on *Avira Management Console Frontend* > *Update* > *Frontend*.



2.1.3 Update the AMC Agent

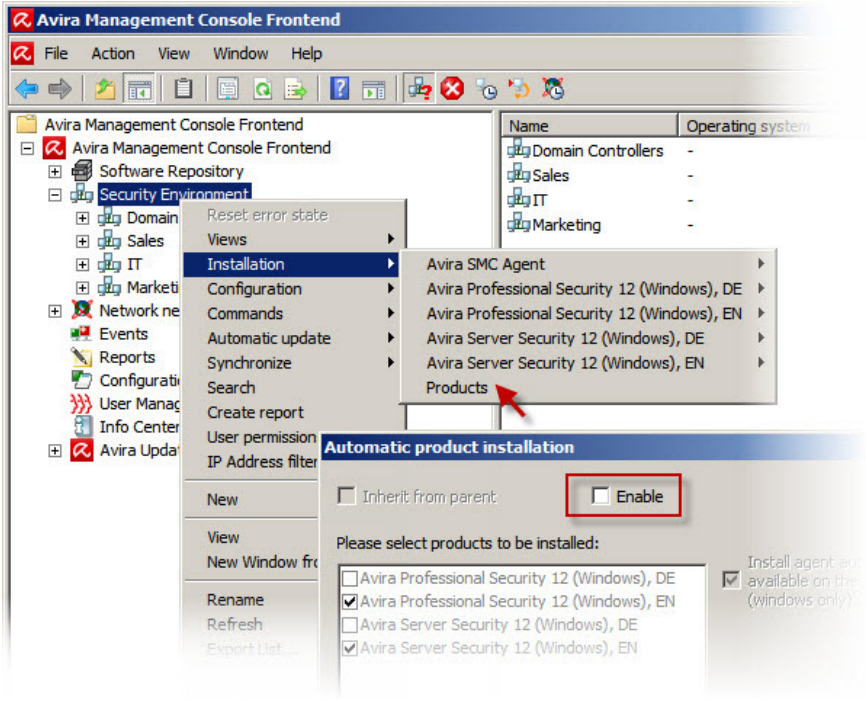
For the update of the „AMC Agent“ click with the right mouse button on a group or on a single computer, then click *Commands* > *Avira SMC Agent* > *Start Update*.



For further information regarding the updates, visit our website.

2.2 Configuration of the feature „Automatic product installation“

Upgrading the product with the enabled feature may cause a continuous loop. To avoid this, open the AMC Frontend and click the right mouse button on a computer or group, then click *Installation* > *Products* and disable the „Automatic product installation“.

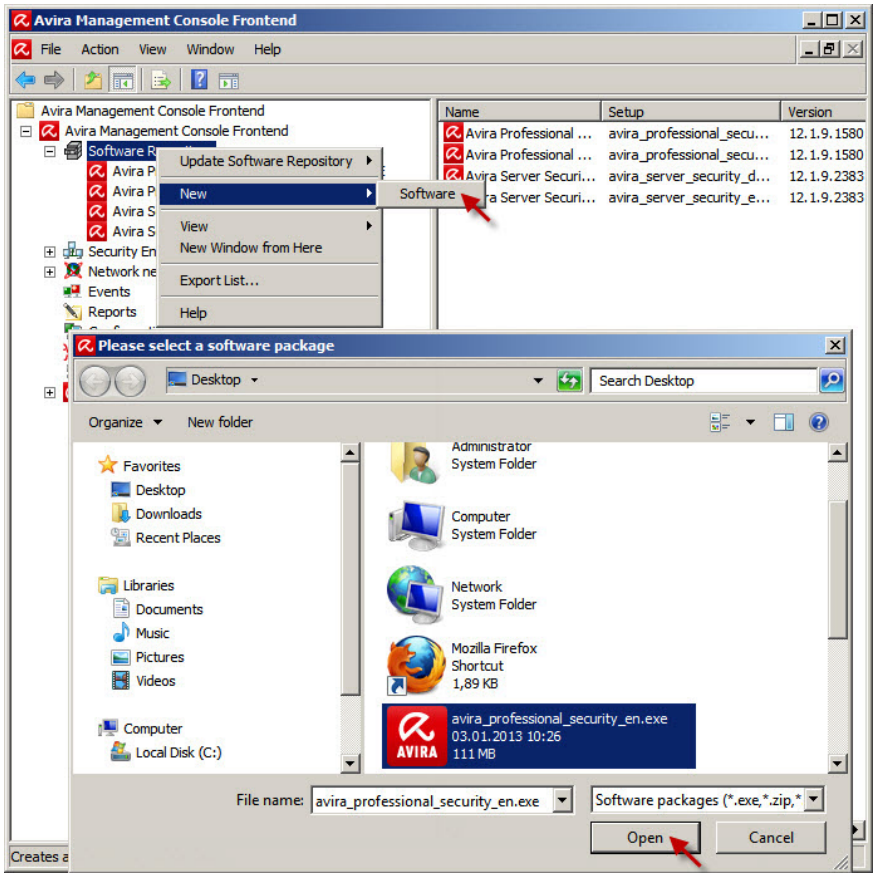


After clicking **OK**, a migration to all selected groups or computers will be initiated, if this feature and the products are active that need to be installed.

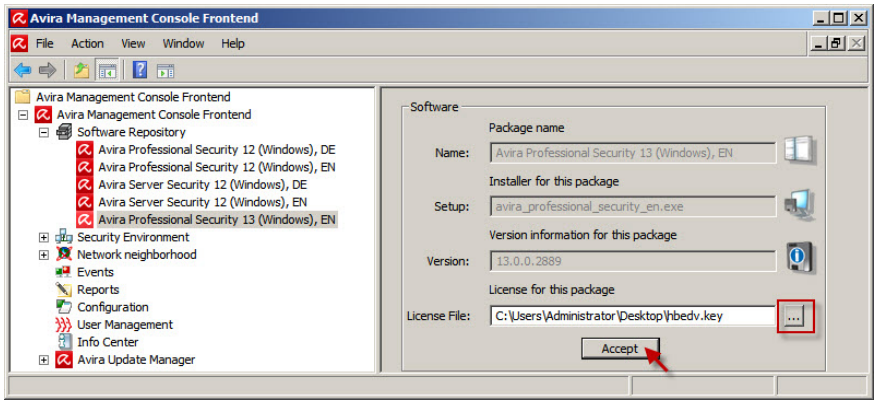
Note
Changes in the configuration of the previous Avira Professional version packages will not be adopted by the new Avira Professional Security packages once they have been loaded into the software repository. This means that there are no synchronizations of the configuration between old and new packages. This is why belated changes in the configuration of the previous Avira Professional version packages should be avoided.
However, a subsequent synchronization of the configuration can be performed by removing and then reloading the current Avira Professional Security packages.

2.3 Add a software package

After the feature „Automatic product installation“ has been disabled, click with the right mouse button on *Software Repository* > *New* > *Software* and add the new Avira Professional Security software package.



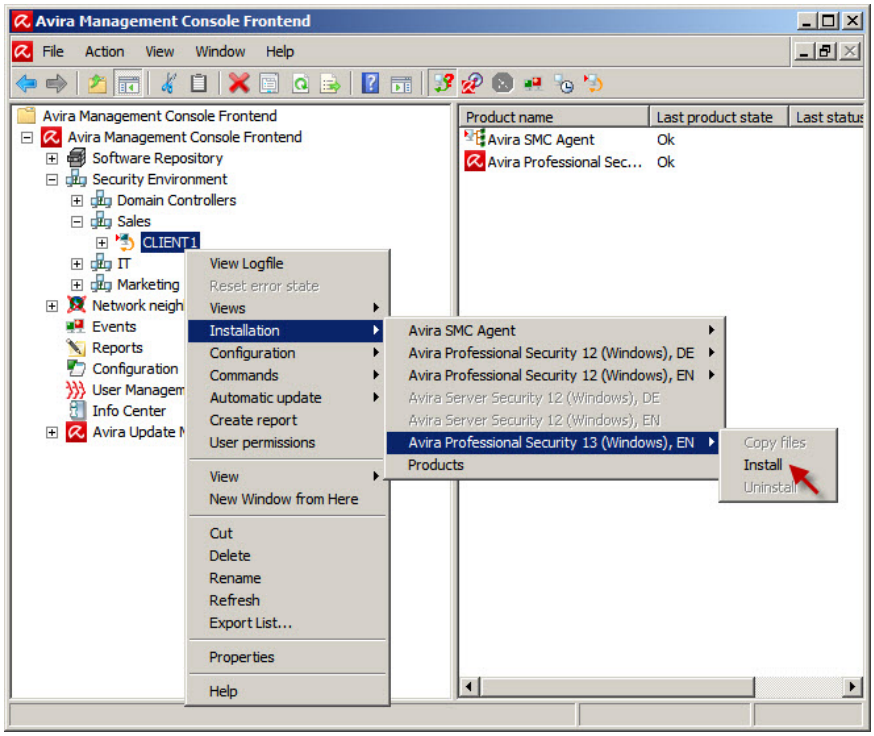
If the software package of „Avira Professional Security 13 (Windows)“ is displayed in the „Software Repository“, a valid license key needs to be added next.



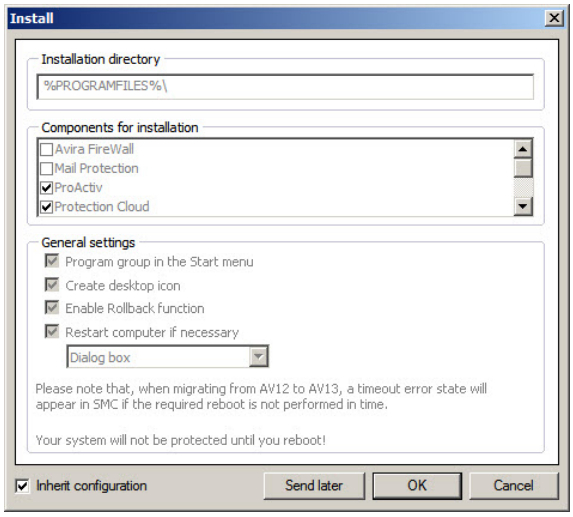
2.4 Installation of the new product

The „Avira Professional Security 13“ package is now available in the AMC and can be used for installation/migration.

The installation of the current „Avira Professional Security“ software package starts with a right mouse click on a group or computer: *Client > Installation > Avira Professional Security 13 (Windows), EN > Install*.



Next appears the usual dialogue known from the previous versions. There, you have to select the desired components that should be installed.



After the installation of the current Avira Professional Security another reboot of the system may be required. This depends on the installed components.

After a click on **OK** in the installation dialog, the installation of Avira Professional Security will be executed on a client or on the clients in a selected group.

With the option „Restart computer, if necessary“, you can select different dialog windows that should appear on the clients in case a restart of the system is necessary.

- Dialog window (Default setting)
- Dialog window with countdown
- Whitout dialog window

If a previous Avira Professional version is installed on a client, the current Avira Professional Security setup will perform a migration of the existing product. The previous version will be uninstalled during the migration, which makes a system reboot necessary.

2.4.1 Dialog window (Default setting)

The installation of the current product is complete only after a reboot of the system. As long as the system reboot is not accomplished, the product is not completely installed. The installation of the product will be resumed once the required system reboot has been performed.

2.4.2 Dialog window with countdown

With this option, a countdown of 5 minutes will be launched. Once the time has expired, the system restart will be performed automatically. However, the system reboot can be canceled using the button **Do Not Restart**. The installation of the product will continue as soon as the required system restart has been executed.

2.4.3 Without dialog window

This setting displays also a dialog window with a 5 minutes countdown.
Afterwards, the system reboot will be performed automatically. In this dialog window the countdown cannot be canceled by the user.

4. Migration using the Avira Professional Security SFX-Installationspackage and *setup.inf*

Preparation

- Please download the latest version of the Avira Professional Security from the Avira website and place it on your desktop
- Unzip the downloaded Avira Professional Security installation file with a decompression utility
- Open the generated unzipped structure with Windows Explorer and navigate to the folder *avira_professional_security_de**en-us*\ and then open the *setup.inf*

The *setup.inf* has to be adjusted in the same way as you later would like the virus protection to be installed.

Take into consideration

- Where should the Avira Professional Security product be installed
- Where is the license key
- Which modules should be installed, etc

Note
If you want, the setup to display an information before an automatic restart.

0 = do not show information
1 = show information
ShowRestartMessage=0 (default)

Please add the following parameters at the very end of the *setup.inf* file, so that an upgrade is possible. Save those changes:

- Upgrade (0=No, 1=yes)
- ReUseConfig (0=No, 1=yes)

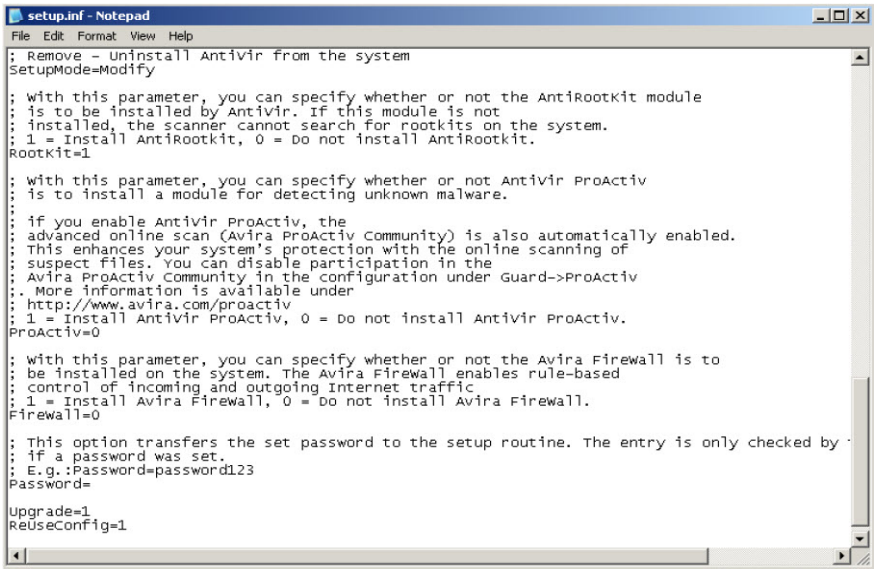
Procedure for the migration

Command line parameters for the setup program.
All information about paths or files needs to be in quotation marks.

The following parameter is possible for the installation: – `/inf`

The setup program starts with the specified script and extracts all required parameters.

Example: *presetup.exe /inf="c:\temp\setup.inf"*



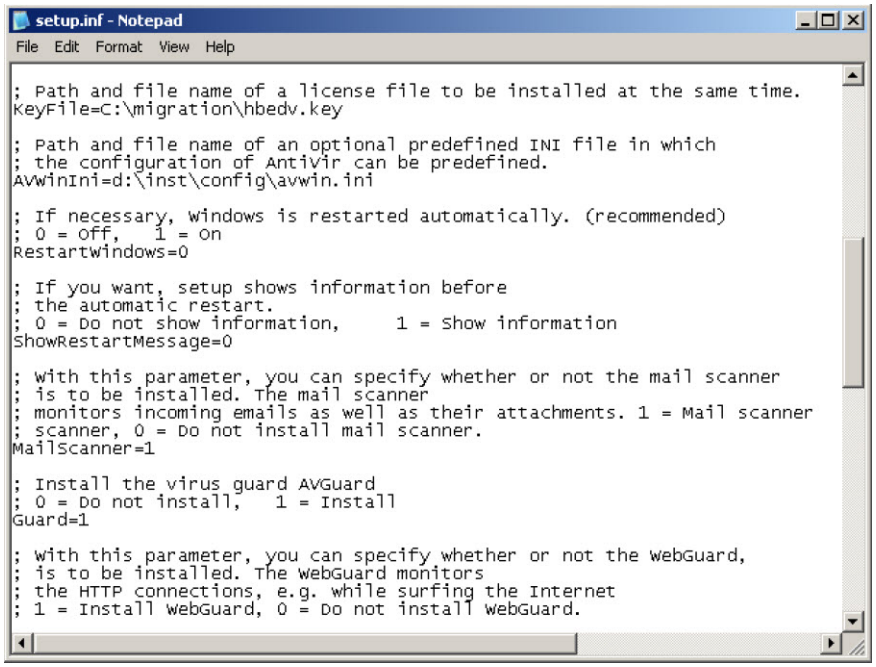
Start of the migration from the command line:

After the silent uninstall you will see a reboot window if it has been configured so far. If not, the computer will reboot automatically. Once the computer has rebooted, the installation of Avira Professional Security will be initiated by an upgrading service and your computer will be protected again after a successful installation of Avira Professional Security.

A reboot may be required after the installation of Avira Professional Security in this instance, too. This depends on the components that have been installed.
A reboot may be necessary for the following components:

- Protection Cloud
- Mail Protection
- Web Protection
- FireWall

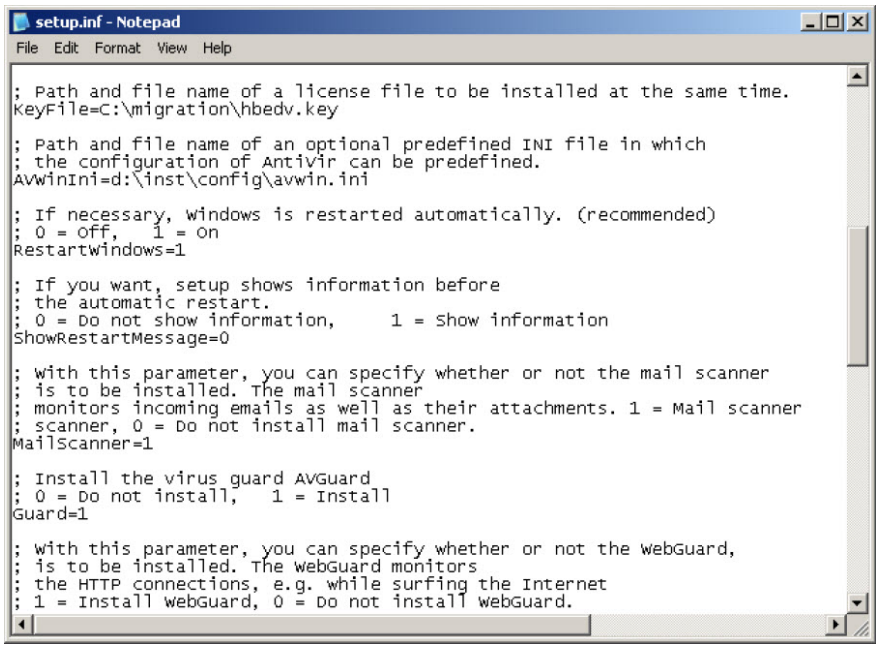
Whether a message appears to reboot the computer depends on how it was configured in the *setup.inf* file. If the option in the file *setup.inf*
`RestartWindows=0`
is used, no reboot will be executed and the user receives also no message after the installation that a restart is required.



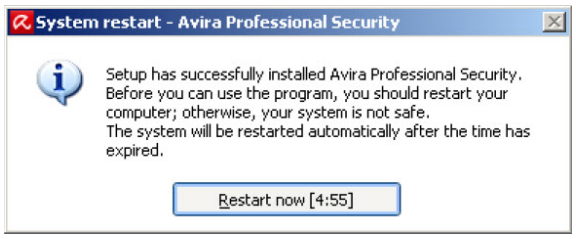
Note
In this case, the Avira umbrella icon in the task bar will remain closed if a restart is required after the installation of Avira Professional Security. Thus, the PC will not be protected as long as no reboot has been executed.

If in the *setup.inf* the options

`RestartWindows=1`
`ShowRestartMessage=0` (do not display information)



are used, the following message will appear in reference to the system reboot that cannot be canceled by the user.



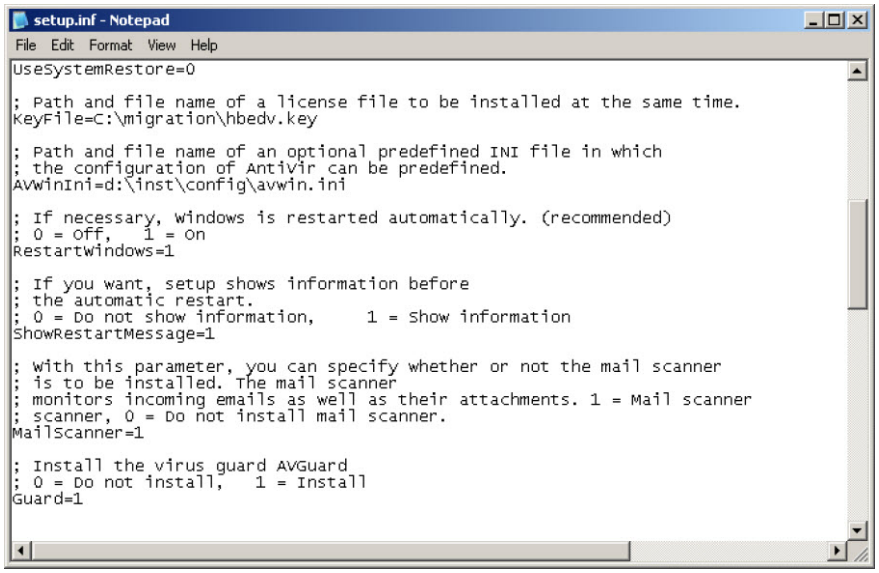
This message appears as well in reference to the system reboot if the option

`ShowRestartMessage=0`

has been set in the *setup.inf*.

If in the *setup.inf* the options

`RestartWindows=1`
`ShowRestartMessage=1` (display information)



are used, the following message will appear in reference to the system reboot after the installation of Avira Professional Security.

In this case, the user has the option to abort the reboot.

Note
If you cancel the restart, the system will remain vulnerable.
The product is completely installed and functional only after the system will be rebooted.

This manual was created with great care. However, errors in design and contents cannot be excluded.
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