1. Increased stability and reliability

All components have been made more resilient in order to resist against targeted malware attacks which are more and more aggressive. This includes, but it is not limited to, the ability to function without many registry keys, better protection against process termination, component deletion and many others.
The repair functionality for various malware families has been improved.

2. Decreased resource usage and faster initialization time

Many optimizations in all modules, re-usage and recycling of components that have already been loaded in memory lead to a lower memory consumption.
Because the engine is loaded only once, the overall initialization time of all modules has been improved.

3. Improved usability

The usability of many actions which require user interaction or are used very often has been improved: installation, configuration and control of the user interface.

Some places where an information slide-up had to be shown have been enhanced by adding the possibility to configure the features:

- Protect Windows hosts file from changes
- Block autostart function
- Restart handling

4.   Updated System Requirements

Windows XP SP3 (32 bit),
Windows XP SP2 (64 bit)
Windows Vista SP1 (32 bit and 64 bit)
Windows 7 (32 bit and 64 bit)

Support for Windows 2000 has been cancelled.

RAM:
Min. 512 MB RAM (Windows XP)
Min. 1024 MB RAM (Windows Vista, Windows 7)

HDD:
Min. 150 MB (additional temporary and quarantine space needed)

> **Note**
>
> Administrator rights are required for installation under Windows.

5.   Automatic license renewal

We want our software to work for the user and not the other way around.
This is why we will come to help the users by taking another burden from their
shoulders: license renewal.
Starting with this release, it is possible to configure our payment gateway to
automatically renew your license.

The product will automatically detect that a new license has been generated and paid
for and will then renew its license.
The user is notified via email and by the product that the license has been renewed
and that there is no interaction required.

6. Clear naming for products and components

In order to be easily accepted on international markets, the names of the products, technologies and modules must be easily understandable by everybody.
This is why, for the first time in its history, Avira has changed the names of its product and of some of the most important product modules.

6.1. Consumer Products

Old product name	New product name
Avira AntiVir Personal	**Avira Free AntiVirus**
Avira AntiVir Premium	**Avira Antivirus Premium 2012**
Avira AntiVir Premium Security Suite	**Avira Internet Security 2012**

6.2. Corporate Products

Old product name	New product name
Avira Small Business Suite	**Avira Small Business Security Suite**
AntiVir Professional	**Avira Professional Security**
AntiVir Server	**Avira Server Security**
AntiVir Network Bundle	**Avira Endpoint Security**

6.3. Naming of the components is more user friendly

Old name	New Name English	New Name German	New Name French
Mailguard	Mail Protection	Email-Schutz	Protection email
Webguard	Web Protection	Browser-Schutz	Protection Web
Parental control	Child Protection	Kinder-Schutz	Contrôle parental
Firewall	FireWall	FireWall	Firewall
Guard	Real-Time Protection	Echtzeit-Scanner	Protection temps réel
Scanner	System Scanner	System-Scanner	Scanner

The Game Mode has been extended (see item 12.) and called Presentation Mode for the Avira Professional Security. This way, we can clearly distinguish between the business features and consumer features.

7.   IPv6 Support for the FireWall, Web and Mail Protection

The FireWall included in the Avira Internet Security is now able to filter Ipv6 addresses on the adapter level and also create rules for applications trying to connect over Ipv6. This completes the FireWall solution and assures the customers that even if they use the newest IP protocol they are still protected.
Also, the Mail and Web protection components are able to work now in a pure Ipv6 environment.

8.   User interface improvements

Overall, all the user interfaces of the product have been made faster, lighter and easier to use.
We made the product more secure by default and this will be reflected by the user interfaces.
Our strong belief is that the interaction with our security software has to be as easy and logical as possible.
The status panel reflects the status of the most critical components you use.
The status of the product is now reflected in the status panel and also in the umbrella in the tray icon.

Our users have given their trust to Avira by installing one of our security solutions on their computers.
This is why it is possible now to let Avira decide what needs to be done to protect the computer better. And this can be done with only one click: Fix problem

The entire status panel has been redesigned in order to allow a fast configuration and control of all options and features:

•   Scan your computer
•   Backup
•   Update
•   Renewal
•   FireWall, Web and Mail protection
•   Child protection
•   Game Mode / Presentation mode

The configuration options have been simplified and only the most important options have been left visible by default. Of course, the technical savvy user can still find all the options to tweak the product in the Expert mode of the configuration.

9.   Removal of potentially incompatible software

Everybody knows that running two security solutions in parallel can have serious consequences on the stability of the PC and the overall experience with a newly installed software.
In order to make the transition to Avira as easy and the least painful as possible, we have added a new functionality in our installation programs:
detection and removal of potentially incompatible software.
No worries, it is possible to select which 3rd party solution you want to keep.

10.   Express Installation

The new release makes the installation of our products even more easier and straight forward. We have kept only the most important things in the Express installation and left the others in the Custom installation mode.

11.   Better security by default

From now on the hosts file (which is used by some malware to prevent antivirus products to update) will be protected from alteration by unauthorized programs. This feature will be added in all our solutions and will be active by default.

12.   User configurable Game Mode

From now on it is possible to force the product to not display any information or show popups.
We unified the Game Mode functionality which was available in several components (Real-Time scanner, Updater, FireWall) and allow our premium users to control it manually.
It doesn't need to be configured and no action is required meaning that it will work completely automatically.

13. Live Support

Ideally, it should be never required to ask for help, but if things don't work the way they are supposed to, we are here to assist you.
The Premium products will have a new feature which allows our technical support engineers to interact with your computer and fix the problems manually on your system.
The feature is implemented using the well-known TeamViewer product, allowing remote access to a PC without installing anything and without creating security leaks in the firewalls.
Just go to Help and choose "Live Support".

14. Improved prioritization for the System Scan

The scanning process of a system is a very intensive operation as the disk activity is concerned. The entire computer might suffer a severe performance loss when a full system scan is triggered.
In order to still ensure a safe environment by regularly scanning the entire computer without the interruption of normal activities that are performed on the computer, we have improved the prioritization of the System Scan feature (on demand scanning) for all supported platforms.
If the user chooses the priority Low for the scan priority, the system scan will be performed in such a way that the scanner doesn't significantly slow down the computer.

15. Migration from Avira Version 10 to Version 2012 (Windows)

See the migration document in the knowledgebase for instructions about how to migrate your current Avira Professional version 10 to the new Avira Professional Security 2012:

http://www.avira.com/en/support-for-business-knowledgebase-detail/kbid/1016

Avira Operations GmbH & Co. KG
Kaplaneiweg 1
88069 Tettnang
Germany

Telephone: +49 7542-500 0
Facsimile: +49 7542-500 3000
www.avira.com

live *free.*™

E&OE. Technical information as of September 2011.