1.   Increased stability and reliability

All components have been made more resilient in order to resist against targeted malware attacks which become increasingly more aggressive.

The repair functionality for various malware families has been improved.

2.   Enhanced protection and detection

A number of optimizations have been done concerning the protection and detection. Amongst others, these optimizations touch the FireWall or the System Scanner.

Optimizations are for example

- better handling with found hidden objects e.g. after installing MS KB2679255
- improvements in the scanner settings

Optimizations touch as well our FireWall settings where we improved popup settings after reboot: the *Remember last action* feature recalls the last action even after reboot.

3.   Improved Web Protection

Our Service Pack provides customers with a number of enhancements of our Web Protection functionality as well. Improvements include better behavior concerning unexpected logout while browsing websites or quicker internet service while playing games such as e.g. *League of Legends*.

4.   Decreased resource usage - more performance

Many optimizations in all modules, the re-usage and recycling of components that have already been loaded into the memory lead to a lower memory consumption.

A number of improvements have been done to make all product versions more efficient and responsive.

5.   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.

Another example for improved usability is that we have enhanced the handling with applications running in full screen mode e.g. a media player. With this Service Pack, we decrease the number of interruptions caused by parts of the Avira software. We optimized the scheduler as well in regard to job repetitions once the time has expired.

6.   Optimized upgrades of older versions

The upgrade of older versions of our product to the new Avira 2012 Service Pack has been further optimized. A number of improvements have been done to the existing process such as e.g. more reliable upgrade installations from Avira AntiVir 10 to Avira Antivirus 2012 incl. continuous Browser & Email Protection after the upgrade. We optimized the handling with Remote Desktop as well which in some conditions could not be started after the installation of Avira Version 2012.

7.   Optimized Email protection

With our Service Pack, we did a number of optimization concerning our Mail Protection. For instance, we improved the import of Outlook and the Outlook Express Address Book, the user experience in general concerning the download of mails and the display of the progress.

8.   Compatibility with 3rd party software

Compatibility with other 3rd party software has been improved. The Service Pack for instance helps preventing conflicts between our Web Protection and Netzmanager version 1.07.

Improvements touch the interaction of Windows and Avira software as well such as

- quicker reboot of Windows
- quicker shutdown of Windows
- better handling of our update together with the Windows Action Center bubble

9.   Improvements particularly for corporate customers

The Service Pack enhances / further improves our AMC integration as well. We have done a number of optimizations concerning the stability and performance of our AMC integration in corporate environments.

10.   Documentation

The documentation for all products and language versions has been enhanced. Documentation is now easier to understand and clearer.

11. Improved language in all product versions

We have done a number of improvements for all languages of our products to make the product clearer and easier to understand.

12. For Avira Free Antivirus – new toolbar with better functionality is available

The new version of the toolbar which is available in the Avira Free Antivirus product with this Service Pack will contain the new Browser security feature; the user can adapt his browser security settings with ease:

- Delete cookies
- Clear history
- Do private browsing

The new toolbar version contains the Avira Search as well.

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