

Kaspersky® Version 5 Products –New Features

Terminology of New Features in Version 5.0

AVE (Anti-Virus Engine)

- Scans and disinfects inside archives: ZIP, RAR, CAB, ARJ
- Scans and disinfects inside mail databases: Outlook, Outlook Express
- Detects inside 60 formats of archives and around 900 formats of packed files
- HotUpdate of the anti-virus database – allows the update of anti-virus database without work interruption
- Uses the iChecker™ and iStreams™ technologies. Their Primary task is to reduce the time required for anti-virus processing. This is achieved by excluding objects checked previously from future checks

iChecker™

- iChecker™ technology stores information on the results of anti-virus checks in a special database. A feature of iChecker™ technology is that it only stores such information for objects whose format is supported by iChecker™ module
- Supported formats: EXE, COM, LNK, TTF, ELF, INF, SYS, CHM, ZIP, RAR, DOC, XLS, PPT
- Thanks to a reliable mechanism for the exact identification of objects, this technology is used in all modes of all the product components

iStreams™

- iStreams™ technology stores information on the results of anti-virus checks in a special NTFS stream. This NTFS stream is protected against unauthorised access by a special file interception driver. iStreams™ technology can only be used when checking files located on an NTFS volume
- This technology provides higher speed than iChecker technology because the calculation of file checksums is excluded. Also, it is applicable to files of any format

iCure™

- Scanning archived files use the iCure™ technology to clean within the most commonly used archived files e.g. ZIP, ARJ, LHA, RAR, CAB

iArc™ - Technology processes multi-volume archived files

KeepUp2Date™

- Updates of anti-virus bases and program modules
- Scheduled start or start by user command
- Uses Kaspersky Update Service from the Internet or updates from specified LAN resource
- Uses update servers in geographic region
- Load balancing of update servers according to their performance and increases availability and speed of update download
- Downloads updates and unpacks files to local folder to make available for the Kaspersky Administration server
- Resumes broken downloads

Kaspersky® Version 5 Products –New Features

Kaspersky® Administration Kit

Comprehensive Anti-Virus Protection Administration

Kaspersky® Administration Kit supports centralised management of Kaspersky Lab anti-virus products on all nodes of the corporate network. Administrators can create a multi-tier anti-virus protection system and control all applications from the administrator's console:

- Integrates with existing Active Directory structure
- Configure all application settings centrally by creating and applying group policies
- Configure applications on individual computers using application settings
- Centrally manage applications by creating and running group and global tasks
- Centrally monitor up to 10,000 client systems (recommended) with a reaction time of no more than 3 seconds

Flexible Notification System

With Kaspersky® Administration Kit, administrators can list events which will automatically trigger email notification if they occur on any of the network nodes. Such events might include the detection of a virus, the incomplete updating of anti-virus databases on workstations or the detection of a new computer on the network.

Centralised Reporting

Kaspersky® Administration Kit monitors all actions performed by installed antivirus applications and creates reports based on the collected statistics. The administrator can create application performance reports for individual machines, as well as entire networks.

Updating Anti-virus Databases and Executable Modules

Kaspersky® Administration Kit eliminates the need for individual computers or servers to download anti-virus database and program updates from Kaspersky Lab update servers. Updates are scheduled by the network administrator, performed automatically and distributed from the centralised AV Server. The administrator can monitor the process of update distribution to computers on the network. Kaspersky Lab releases anti-virus database updates hourly.

Kaspersky® Anti-Virus for Windows Workstation

Protection against Riskware

Kaspersky® Anti-Virus for Windows Workstation provides protection against potentially harmful programs which are designed to remotely monitor and control a computer but are not categorised as viruses. This is achieved by considerably augmenting the set of riskware detection databases included in the extended anti-virus database set.

Pro-Active Protection of Office Applications

The unique integrated the Office Guard™ module provides real-time control over macros executed in Microsoft Office documents by suppressing all suspicious activity. This ensures 100% protection against all macro viruses, including unknown.

Comprehensive E-mail Scanning

Kaspersky® Anti-Virus automatically performs real-time virus scans of all emails, both incoming and outgoing (SMTP/POP3). Importantly, incoming messages are scanned and disinfected before they reach the inbox. The solution supports mail databases of various email clients and can disinfect Microsoft Outlook and Microsoft Outlook Express bases on demand.

Kaspersky® Anti-Virus for Windows File Server

Kaspersky® Anti-Virus for Windows File Server provides two-tier data protection against malicious programs:

- Monitoring, providing continuous real-time protection of the file system by scanning all accessed, opened and modified files and disinfecting or deleting infected objects and quarantining suspicious objects for further analysis
- On-demand anti-virus scanning of the data storage locations specified by the administrator, disinfecting or deleting infected files, and quarantining suspicious objects for further analysis. Using both methods together ensures reliable control over all potential sources of virus infection and provides maximum protection for your network

Features Common to Kaspersky® Anti-Virus for Windows File Server and Workstation

Improved Program Performance

Improved performance and reduced RAM requirements are achieved by using iChecker™ and iStreams™, cutting-edge intelligent technologies eliminating the need to check all files for viruses. These technologies reduce scan times each time a scan is run by creating a File checksum and storing the information with the latest scan data in a special database. If information about a file is absent from this database or if the file has been modified since the previous scan, a complete anti-virus scan of the file is performed.

Three Levels of Anti-Virus Protection

Kaspersky® Anti-Virus for Windows File Server and Workstation anti-virus protection can be set up by choosing one of the three protection levels pre-defined by Kaspersky Lab experts: Maximum Protection, Recommended and Maximum Speed.

Unique Interception of Script Viruses

Classic anti-virus monitors are unable to protect a computer against script viruses in its RAM. This problem is completely solved by Script Checker, a universal script-virus interceptor incorporated into Kaspersky® Anti-Virus. Script Checker is integrated into the system as a filter between the script program and the scripting host, ensuring that all executable scripts are scanned before they are executed.

