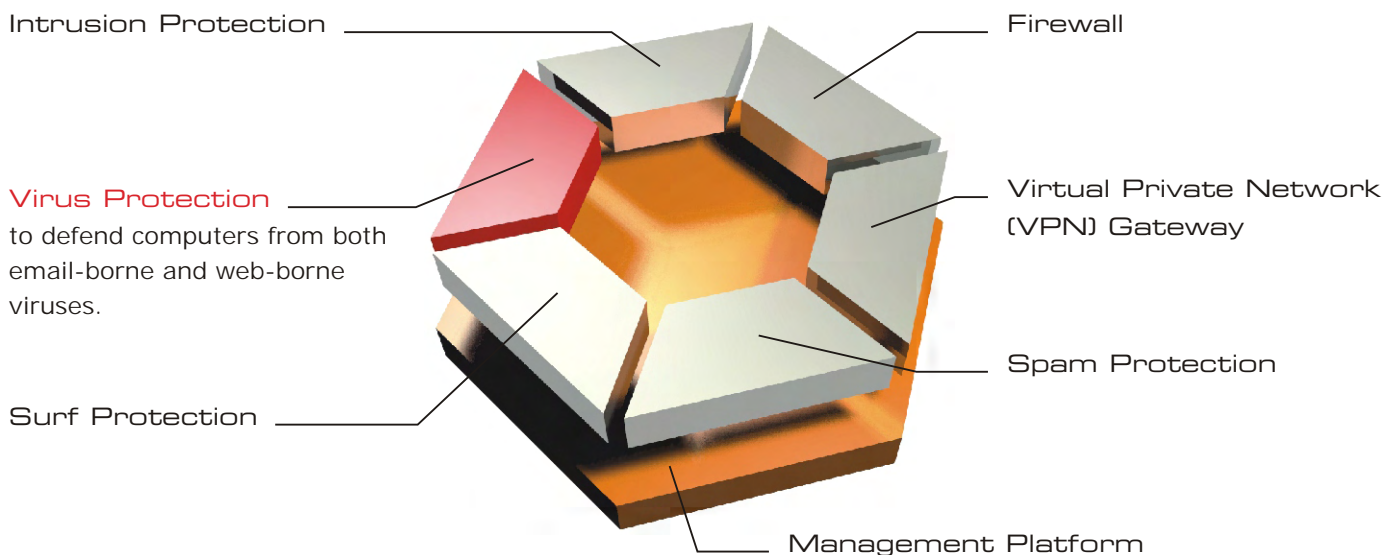


Astaro Security Linux V5

Virus Protection for Email

Virus Protection for Web

Computer viruses are estimated to cost businesses as much as \$55 billion a year by destroying data, undermining productivity, crippling servers, and tying up IT staffs. Over 80% of the companies contacted in a recent survey suffered some kind of economic damage from viruses in the past year. Astaro Security Linux Virus Protection for Email and Virus Protection for the Web detect and block viruses in email and web traffic. They employ multiple detection methods and a database of 80,000 virus signatures to ensure high accuracy and excellent performance.



Description

Viruses, worms, and other “malware” can enter organizations by passing through email servers, or by going directly to users who download emails and files from their browsers. Astaro Security Linux can protect against both.

Astaro Security Linux Virus

Protection for Email scans inbound and outbound email messages and email attachments carried over industry-standard email protocols (SMTP and POP3).

Protection for Web scans emails, email attachments, and downloaded files for users who utilize web email services and who download files from their browser via industry-standard web protocols (HTTP and FTP).

High Accuracy

Astaro Security Linux utilizes three independent detection methods to catch the widest possible range of viruses:

- ▶ Virus signatures. Email messages and attachments and web traffic are compared with known patterns contained in an extensive virus database.
- ▶ Heuristics. Sophisticated rules detect patterns and behavior that resemble known classes of viruses.
- ▶ Emulation. Suspicious code is executed in a protected environment, for example by unpacking archived files and by running scripts and macros.

The software can open and scan more than 700 formats of archived and compressed files. The virus detection engine is ICSA certified.

Technology Partnership

Astaro Security Linux uses the database of 80,000 virus signatures maintained by Kaspersky Labs, a global leader in anti-virus expertise. Kaspersky Labs staff of 250 monitors the Internet for new viruses 24 hours a day from three labs world-wide.

With Astaro's Virus Protection subscription services, virus signatures can be updated automatically as often as hourly.

Flexible Management

Administrators can tailor virus protection to the needs of their organization by:

- ▶ Selecting which file formats to block in email attachments.
- ▶ Selecting text strings to use to identify unwanted messages.
- ▶ Specifying that questionable messages should be:
 - Dropped
 - Rejected and error notification returned to the sender
 - Passed through with a warning message
 - Quarantined for later evaluation and disposition

Reports and detailed logs help administrators troubleshoot and identify patterns of activity.

Virus Protection

Performance and Scalability

Astaro Security Linux includes features that provide outstanding performance and scalability:

- ▶ Intelligent rules select the fastest detection mechanism or combination of mechanisms for each file type.
- ▶ Integrating virus scanning with the firewall eliminates delays vectoring files to separate systems.
- ▶ The software places no limits on the size of files scanned, the number of files scanned in parallel, or the amount of memory utilized for virus scanning.

Astaro Virus Protection Subscription Services

Virus Protection for Email and Virus Protection for the Web are optional subscriptions that are installed as part of Astaro Security Linux and activated by a license key.

Technical Specifications

Embedded Mail Formats Supported:

Mime, MS Internet Mail, MS Mail, MS Outlook 5, Mail TNEF, and others.

Media Formats Supported:

SYS, EXE, ELF, Java, HLP, OLE2, Access, Shell, Perl, XML, CHM, REG, WSF, LNK, VBA, WordBasic, PIF, VBS, BAT,

HTML (including JavaScript, VBScript), MIRC.

Archive Formats Supported:

Over 70 formats including ACE, ARJ, Alloy, Astrum, BZIP2, BestCrypt, CAB, CABSFX, CHM, Catapult, CaveSFX, CaveSetup, ClickTeam, ClickTeamPro, Commodore, CompiledHLP, CreateInstall, DiskDupe, DiskImage, EGDial, Effect Office, Embedded, Embedded Class, Embedded EXE, Embedded MS Expand, Embedded PowerPoint, Embedded RTF, FlyStudio, GEA, GKWare Setup, GZIP, Gentee, Glue, HA, HXS, HotSoup, Inno, InstFact, Instyler, IntroAdder, LHA, MS Expand, MSO, Momma, MultiBinder, NSIS, NeoBook, PCAcme, PCCrypt, PCInstall, PIMP, PLCreator, PaquetBuilder, Perl2Exe, PerlApp, Presto, ProCarry, RAR 1.4 and above, SEA, SbookBuilder, SetupFactory, SetupSpecialist, SilverKey, SmartGlue, StarDust Installer, Stream 1C, StubbieMan, Sydex, TSE, Tar, TeleDisk, Thinstall, ViseMan, WinBackup, WiseSFX, ZIP.

Packed Executable Formats Supported:

Hundreds of formats, including: AIN, ARF, ASPack, ASProtect, AVL, AVPACK, Ace-IS, Aluwain, Apack, Astrum, BJFnt, Bat2Exec, BitArts, Boot BIN Image, CHM, COMPACK, CPAV, Cexe,

CodeCrypt, CodeSafe, Com100, Com2*, Crypt*, EXE2*, PE-* families, ExeLock, ExePack, Expert, Ezip, FXLOCK, FSG, FileShield, Gleam, HDD Image, HXS, HackStop, Html2Rtf, ICE, INFTool, InstallShield, IntroLoader, LzCom, LzExe, MIME.Broken, ObjectModule, OptLink, PCPEC, PCSHrink, PKLite32, PackLite, PackWin, Package, PaquetBuilder, Petite, Pex, PKLite, Pksmart, UPX, PEPatch.

Character Support:

All ANSI and Unicode based character sets.

Part of a Complete Network Security Solution

Virus protection is one of six security applications included in Astaro Security Linux. Management costs are low because all applications share:

- ▶ One installation process
- ▶ One management interface
- ▶ One update mechanism
- ▶ One set of logs and reports

Astaro Security Linux complements desktop anti-virus packages by providing a single point of control where newly-discovered viruses can be blocked quickly, before they infect the internal network.

About Astaro

Astaro provides a network security solution that is complete, simple to manage, affordable, and effective. Astaro selects and integrates the best of open source security software to provide the widest range of innovative security technology available in a single package. Astaro's technology has won numerous awards, and is in use on over 20,000 networks in more than 60 countries. Astaro's products are distributed by a worldwide network of solutions partners who offer local support and services.



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