

Astaro Security Linux V5

A Complete Network Security Solution

Astaro Security Linux is a complete network security solution that protects organizations against a wide range of threats to security and productivity. It provides six critical security applications:



- ▶ **Firewall**
with stateful packet inspection and application-level proxies, to guard Internet communications traffic in and out of the organization.
- ▶ **Virtual Private Network (VPN) gateway**
to assure secure communications with "road warriors", telecommuters, and remote offices.
- ▶ **Virus Protection**
to defend computers from both email-borne and web-borne viruses.
- ▶ **Intrusion Protection**
to detect and stop hostile probes and application-based attacks.
- ▶ **Spam Protection**
to eliminate the productivity drain of opening and deleting unsolicited emails.
- ▶ **Surf Protection (URL Filtering)**
to improve productivity by blocking inappropriate activities on the web during working hours.

Simple to Manage

Astaro Security Linux is built on an integrated management platform that makes it easy to install and administer a complete security solution.

Easy Deployment

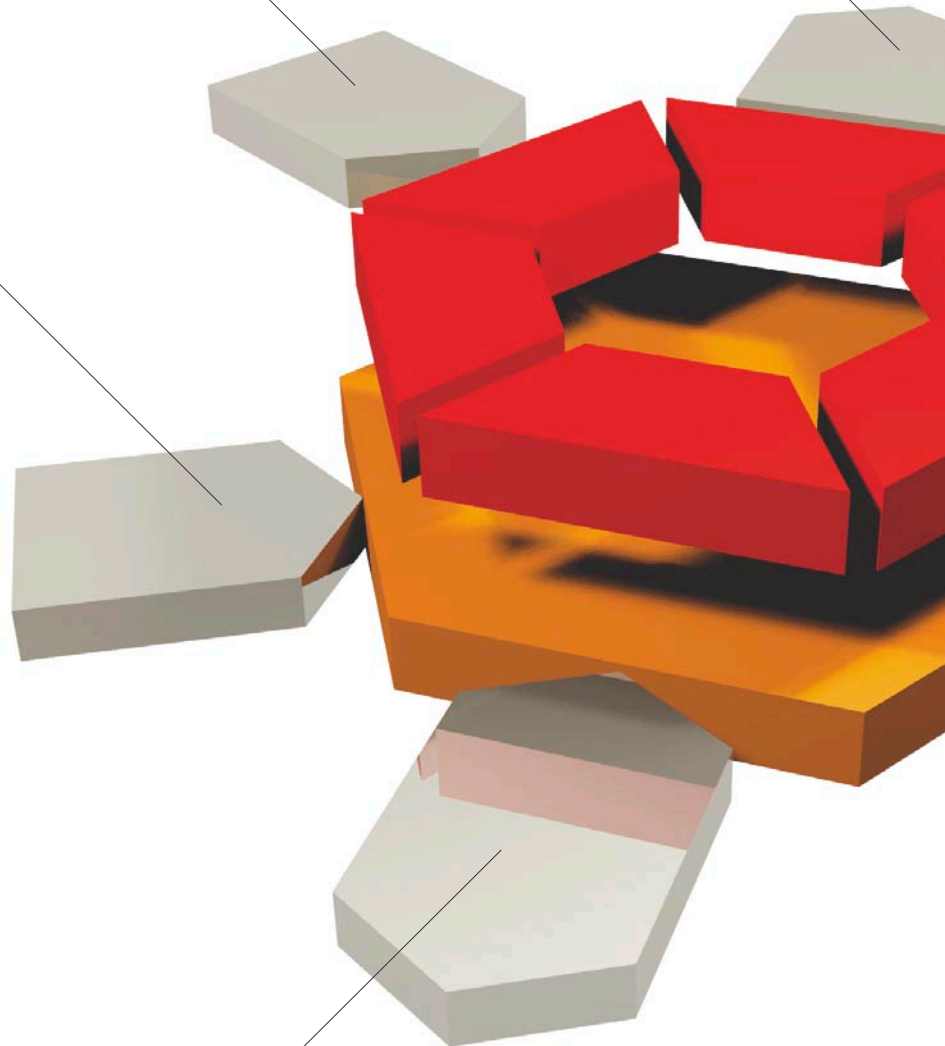
All six applications in Astaro Security Linux install in one simple process or come preloaded on a security appliance.

Unified Reporting

A complete set of logs and reports helps administrators manage the security environment, pinpoint attacks and problems, and report on results. Data can be exported to specialized tools for ad-hoc reporting and advanced analysis.

One-Step Updates

The Astaro Up2Date automated update service provides a single, simple mechanism to update the entire security platform. Updates for all applications and the management platform are downloaded automatically, and can be installed at a click by the administrator.



Point-and-Click Administration

Astaro's WebAdmin graphical administration tool allows administrators to manage any system over the web via a strongly encrypted link. Changes to users, groups, security policies and configurations and system parameters can be made quickly and easily with intuitive point-and-click screens.

Administrative functions performed by WebAdmin include

- ▶ Defining and editing security policies
- ▶ Defining networks and network groups
- ▶ Defining services and service groups
- ▶ Defining users and user groups
- ▶ Managing backups and updates
- ▶ Setting up syslog
- ▶ Setting up remote access
- ▶ Defining proxy services (HTTP, DNS, SOCKS, POP3, IDENT, SMTP)
- ▶ Defining network interfaces and routing
- ▶ Creating Network Address Translation (NAT rules)
- ▶ Configuring VPN connections
- ▶ Configuring DHCP server service
- ▶ Configuring portscan detection
- ▶ Creating Quality of Service (QoS) rules for bandwidth management
- ▶ Defining rules for packet filtering



Flexible, Scalable, Reliable

Astaro Security Linux is available as software for installation on standard computers, or pre-installed on security "appliances."

Astaro Security Linux runs on systems ranging from small devices up to large multi-processor systems utilizing gigabytes of memory.

Redundant systems can be configured to provide high availability and automatic failover in case of hardware or network failures.

Load balancing improves performance. Traffic shaping can set priorities by network, service and protocol. Logging, automatic back-up, and diagnostic tools support high reliability.

The Best of Open Source Security

Astaro Security Linux is based on open source security projects that have been selected by Astaro for outstanding features, performance and reliability. These projects are thoroughly tested by Astaro and tightly integrated with the Astaro Security Linux management platform and additional functionality from Astaro. Astaro leverages the work of hundreds of software developers and testers in the open source community to provide a true "best of breed" network security solution in an integrated and easy-to-use package.

Astaro is a very active member of the open source community. The company sponsors developers and events to improve open source software and to expand its adoption.

Fast Return on Investment

Astaro Security Linux maximizes return on investment by improving both security and productivity. Astaro Security Linux:

- ▶ Protects corporate data from theft
- ▶ Prevents damage to data and computers from viruses, worms and other "malware"
- ▶ Keeps servers and networks up in the face of Denial of Service (DoS) and other attacks
- ▶ Helps organizations meet legal and audit requirements
- ▶ Saves employees minutes or hours every day managing unsolicited emails
- ▶ Reduces time wasted on inappropriate web surfing
- ▶ Preserves the confidence of customers, suppliers, and employees

Proven

Astaro's security solution has been tested and proven in practice, with over 10,000 installations in 60 countries.

The technology in Astaro Security Linux has been widely recognized as among the security industry's best, winning awards such as "**Best Firewall**" in the Linux Enterprise Readers' Choice Awards, and "**Best Security Solution**" in the LinuxWorld Product Excellence Awards. Reactions from reviewers have included "**Excellent**" from Infoworld Magazine, "**Five Stars**" from SC Magazine, and "**Highest Possible Grade**" (5.0 out of 5.0) from Nätverk & Kommunikation Magazine of Sweden.

Affordable

Astaro Security Linux is remarkably affordable. It provides a low cost of ownership because:

- ▶ Integration costs are eliminated because all six security applications are fully integrated.
- ▶ Training and deployment costs are reduced by the unified installation process
- ▶ Ongoing management costs are minimized by the integrated design and single update service.

Hardware Recommendations

- ▶ Pentium II or compatible CPU
- ▶ 8 GB IDE or SCSI hard disk drive
- ▶ Bootable CD-ROM drive
- ▶ PCI Ethernet network cards (up to 20 NICs, up to 4,000 virtual LANs)

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 software has won numerous awards, and is in use on over 20,000 networks in more than 60 countries. Astaro Security Linux is distributed by a worldwide network of solutions partners who offer local support and services.



www.astaro.com

Americas

Astaro Corporation
3 New England Executive Park
Burlington, MA 01803
USA

T: +1 781 272 8787

F: +1 781 272 8989

americas@astaro.com

Offices in Kelowna, BC and
Sunnyvale, CA

Europe, Middle East, Africa (EMEA)

Astaro AG
Pfinztalstrasse 90
76227 Karlsruhe
Germany

T: +49 721 490 069 0

F: +49 721 490 069 55

emea@astaro.com

Offices in Pinneberg/Germany,
Paris/France and Reading/UK

Asia Pacific (APAC)

T: +49 721 490 069 0

F: +49 721 490 069 55

apac@astaro.com

Your Astaro Partner

Aavex Technology Corporation
545 S. Main St. Suite 400
Elburn, IL 60119
630-365-0025
geiger@aavextechnology.com