

Astaro Security Gateway Web Security

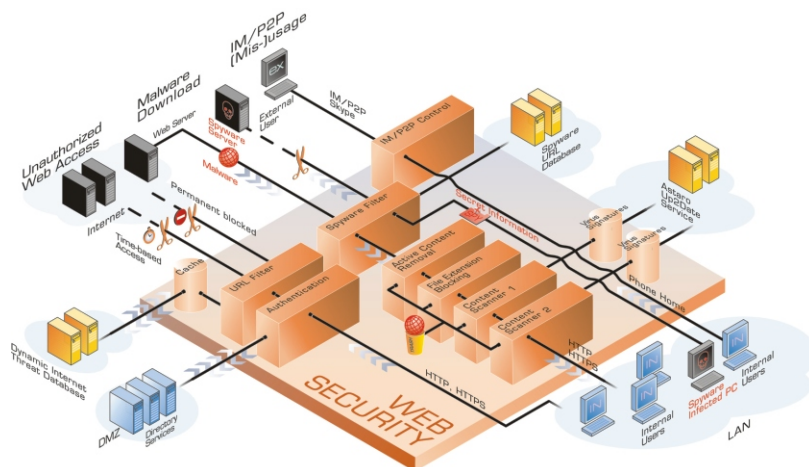


The unrestricted usage of the Internet, Instant Messaging Programs, and Peer-to-Peer technologies not only reduces employee productivity, but can also lead to serious legal liability. Malicious content, hidden within web and FTP downloads or IM/P2P file transfers, needs to be filtered out in order to protect corporate networks from dangerous malware and spyware infections which cause data loss or leakage.

The use of conventional point solutions, such as URL filtering or Antivirus products, tends to only marginally protect against the multitude of web-based threats. Astaro Security Gateway unifies all web security capabilities within a single appliance, eliminating the complexity and high costs associated with multiple product deployment.

Network administrators gain a simple and effective way to:

- ▶ **Filter web access:** Allow or Deny web access (even over HTTPS), categorized into 96 easy-to-navigate categories at configurable times with user-based policies.
- ▶ **Detect malicious code:** Perform fast, accurate scanning for viruses, spyware and active content, providing unmatched detection rates via dual scanning engines.
- ▶ **Control IM/P2P applications:** Monitor and block access and use of all Instant Message and Peer-to-Peer applications, including Skype.



A powerful suite of integrated tools

Benefits

Comprehensive Security

- ▶ Reliably blocks malicious content within HTTP, HTTPS and FTP traffic
- ▶ Dual Antivirus protection prevents infection from web surfing, downloads and web-based emails
- ▶ Extensive virus signature database with over 800,000 patterns
- ▶ Spyware communication is blocked from already-infected PCs
- ▶ Granular IM/P2P control per application

Easy to Manage

- ▶ Browser-based graphical user interface
- ▶ Web access is managed through 96 intuitive URL categories
- ▶ Graphical Browser for Active Directory and eDirectory allows complete integration in moments, with just a few clicks
- ▶ Real-time automatic update of firmware and attack patterns
- ▶ Extensive reports provide detailed information about web-use trends, sorted by site and user, available in tabular and graphical formats
- ▶ Daily executive report delivered at customizable times via email
- ▶ Single Sign-On support of eDirectory and Active Directory for transparent authentication
- ▶ Deploys anywhere in the network

The Astaro Difference

- ▶ Only Astaro appliances are available in three different types: as hardware, software, and virtual appliances. Integration into existing infrastructures has never been easier.
- ▶ Nobody's faster: With Astaro's "10-Minute Setup" every installation is completed rapidly.
- ▶ Nobody's more flexible: Astaro's "One-Click Clustering" technology enables scalable performance and system stability with up to ten cluster nodes.
- ▶ Over 47,000 customers are already protecting their networks with an Astaro appliance.

Deployment

Astaro's Web Security functionality, available through an optional subscription package for Astaro Security Gateway, or Astaro Web Gateway provides URL Filtering, Malware Protection and IM/P2P control.

Automatic firmware and pattern updates are provided as part of Astaro's Up2Date Service with every maintenance contract.

Filtering can be deployed as part of a gateway configuration, or in transparent mode at any point in a network.

Astaro Gateways are available as a hardware, software or virtual appliance. Each version provides an identical function range, allowing you to freely choose the platform that best fits your needs:

- ▶ **Astaro Hardware Appliances:** Unified Threat Management or dedicated Web Gateway appliances.
- ▶ **Astaro Software Appliance:** Turn any PC into a security appliance, offering maximum deployment flexibility.
- ▶ **Astaro Virtual Appliance:** Ready-to-go, certified VMware Ready virtual machines help you in adopting virtualization



Astaro Hardware Appliances



Astaro Software & Virtual Appliances

Security Features - Details

- ▶ Dual Antivirus engines operate with two independent databases with over 800,000 patterns
- ▶ Filter secure HTTPS traffic
- ▶ Blocks incoming and outgoing Spyware traffic, preventing infection and hidden communication by already infected machines
- ▶ Advanced MIME-type filtering
- ▶ Block downloads based on file/content type easily defined within blacklists
- ▶ Blocks hidden installation of active content
- ▶ Captive Authentication Portal
- ▶ URL filtering technology with over 35 million sites across 96 categories for controlling web access
- ▶ Live comprehensive URL database with international content in more than 65 languages
- ▶ Filter URLs based on their Global Reputation
- ▶ Daily update of newly-discovered sites maximizes coverage
- ▶ Time-, user- and user-group-based access policies
- ▶ Integrated user database, Active Directory, eDirectory, Radius, Tacacs+ and LDAP authentication
- ▶ Authenticate via Active Directory, eDirectory, and Apple Open Directory with single sign-on
- ▶ Update internal database with new virus patterns and signatures through real-time check with Astaro's Up2Date server
- ▶ IM control: Skype, AIM, ICQ, MSN, Yahoo, IRC, Gtalk, Jabber, Tencent QQ
- ▶ P2P control: Applejuice, Ares, BitTorrent, Direct Connect, Gnutella, Edonkey, Imesh, MUTE, Manolito, Pando, Share, WinMX, Winny
- ▶ Skype blocking, alerting and bandwidth shaping
- ▶ Granular IM/P2P Control with exceptions based on User/IP addresses, QoS for IM/P2P protocols
- ▶ Windows Server 2008 Native Mode support
- ▶ Customizable end-user messages
- ▶ Integrated reports offer many web-usage and filter-performance statistics.
- ▶ PDF and CSV export options for reports
- ▶ Daily, archivable executive reports (HTML or PDF), delivered by email
- ▶ Anonymization of reporting data to enforce privacy policy

Contact Astaro

Download an evaluation copy of the Astaro Security Gateway software at <http://www.astaro.com/download> or contact Astaro at:

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