

Astaro Security Gateway Web Filtering

Controlling employee web access is essential to maximising productivity while simultaneously minimising operational risk. URL filtering technology and anti virus tools, only provide a limited amount of control. Typically, in order to provide complete protection, it requires the integration and maintenance of additional solutions which involve an added effort and expense to implement.

Astaro Security Gateway unifies all the web filtering capabilities, eliminating the complexity and high-costs associated with multiple product deployment.

Network administrators gain a simple and effective way to:

- ▶ **Inspect all web, Instant Messaging and Peer-to-Peer traffic:** Perform fast, accurate filtering using Astaro's unique Content Inspection Framework.
- ▶ **Stop viruses and spyware:** Achieve unmatched detection rates for known and unknown malware, with two scan engines combined in one product.
- ▶ **Filter web access:** Group-based authentication and policy-based web access with 60 easy-to-navigate categories containing over 3.8 billion web pages.

Benefits

Comprehensive Security

- ▶ Easy management of IM and P2P traffic
- ▶ Dual Virus Protection prevents infection from web surfing, downloads and web-based emails
- ▶ Extensive virus signature database with over 300,000 patterns
- ▶ Spyware communication is blocked from infected PCs
- ▶ Tight integration with other Unified Threat Management applications

Easy to manage

- ▶ Browser-based graphical user interface allows convenient central administration
- ▶ Web access is managed through 60 intuitive URL categories
- ▶ Create and apply web access profiles to user groups from databases such as Active Directory, LDAP or Radius
- ▶ 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



The screenshot shows the WebAdmin interface for Astaro Security Gateway. The browser address bar shows 'https://10.8.16.242:4444/'. The interface has a sidebar menu with categories like Dashboard, Management, Network, Users, Definitions, Network Security, Web Security, Email Security, VoIP Security, IM/P2P Security, Site-to-site VPN, Remote Access, Logging, Reporting, and Support. The main content area is titled 'Web Security > HTTP Profiles' and shows an 'Overview' tab. A diagram illustrates the flow of a request through proxy profiles, filter assignments, and filter actions. The diagram shows a 'Request' box with details: 'Name: Office LAN', 'Source IP: 10.0.0.224', and 'Type: eDirectory auth.'. This request is processed by three 'Filter Assignments': 'User group: Sales Lunch' (Time: Lunch), 'User group: Sales' (Time: Always), and 'User group: R&D' (Time: Always). These assignments lead to 'Filter Actions': 'Moderate', 'Strict', and 'Allow All'. A 'Fallback Action' is also shown, leading to 'Allow Microsoft Update'.

About Astaro

Astaro is a leading provider of internet security appliances. The Astaro Security Gateway, simplifying Email, Web & Network Security, has won numerous industry awards and is protecting over 30,000 networks in 60 countries. Astaro products are distributed by a worldwide network of more than 1,000 solution partners who offer local support and services. Astaro AG is headquartered in Karlsruhe, Germany and Burlington, USA.

Deployment

Astaro's Web Filtering functionality, available through an optional subscription package for Astaro Security Gateway, provides Content Filtering, Anti-Virus and Spyware Protection with IM and P2P Control.

Astaro Security Gateway is available as a hardware, software or virtual appliance. Each version provides an identical function range, allowing you to freely choose

your preferred deployment type:

- ▶ **Astaro Hardware Appliances:** Performance-optimised networking equipment that enables you to "plug and play".
- ▶ **Astaro Software Appliance:** Turns any PC into a security appliance within minutes, offering maximum deployment flexibility.

- ▶ **Astaro Virtual Appliance:** Ready-to-go virtual machines for VMware environments, helping you to consolidate your IT infrastructure.

Automatic firmware and pattern updates are provided via Astaro's Up2date service which is included within every maintenance contract.



Astaro Hardware Appliances



Astaro Software Appliance

Technical Specifications

- ▶ Content scanning capability for messages over 40 MB
- ▶ Dual anti virus engines operate with two independent databases with over 300,000 patterns
- ▶ Zero-day heuristics effectively detect patterns and behaviour that resemble known classes of viruses
- ▶ Instant Messaging and Peer-to-Peer control: AOL IM, ICQ, MSN Messenger, Yahoo! Messenger, IRC, Google Talk/Jabber, Skype, Bittorrent, Edonkey, Gnutella, WinMX, Winny, Manolito, Ares and Direct Connect
- ▶ Blocks incoming and outgoing Spyware traffic, preventing infection and hidden communication
- ▶ Blocks the hidden installation of active content like Java, Active X, Flash, Cookies, VBScript, JavaScript within the user's desktop
- ▶ Blocks file formats and text strings defined within black-lists
- ▶ Active Directory and eDirectory integrated with single sign-on
- ▶ Time, user and user-group based access policies available
- ▶ User transparent HTTP Proxy eliminates the need of pointing each client web browser to a specific proxy address
- ▶ Web proxy cache provides fast response times, even on low speed internet connections
- ▶ Updates internal database with new virus patterns and signatures, through real-time check with Astaro's Up2Date server
- ▶ URL filtering technology controls employee web access, with over 20 million websites across 60 categories.
- ▶ Support for UTF-8
- ▶ Uses comprehensive URL database with international content in more than 70 languages, via sites registered in over 200 countries
- ▶ Integrated user database, Active Directory, eDirectory, Radius, Tacacs+ and LDAP authentication
- ▶ Daily update of newly-discovered websites maximise coverage
- ▶ Customize end user messages
- ▶ Granular real-time web-usage reports, also optionally distributed by email

Contact Astaro

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

Europe, Middle East, Africa

Astaro AG
Amalienbadstrasse 36
76227 Karlsruhe
Germany
T: +49 721 255 16 0
F: +49 721 255 16 200
emea@astaro.com

The Americas

Astaro Corporation
3 New England Executive Park
Burlington, MA 01803
USA
T: +1 781 345 5000
F: +1 781 345 5100
americas@astaro.com

Asia Pacific Region

Astaro K.K.
12/F Ark Mori Building
1-12-32 Akasaka Minato-ku
Tokyo 107-6012, Japan
T: +81 3 4360 8350
apac@astaro.com



www.astaro.eu