



## Astaro Security Gateway Web Security



The misuse of the web and Instant Messaging programs are not only reducing productivity, but can also lead to serious legal consequences. 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.

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 way to:

- ▶ **Filter web access:** Grant web access-based on sixty easy-to-navigate categories with user- and time-based policies.
- ▶ **Detect malicious code:** Perform fast, accurate scanning for viruses, spyware and active content, providing unmatched detection rates via two scan engines.
- ▶ **Control IM/P2P applications:** Steer and manage access and use of all IM and P2P applications, including Skype.

### Benefits

#### Comprehensive Security

- ▶ Reliably blocks malicious content within web and ftp traffic
- ▶ Dual antivirus 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
- ▶ Granular IM/P2P control

#### Easy to manage

- ▶ Browser-based graphical user interface allows convenient central administration
- ▶ Web access is managed through 60 intuitive URL categories
- ▶ Compatibility with databases such as Active Directory, LDAP and Radius allows for the creation and application of web access profiles for users and groups
- ▶ Single-Sign-On with eDirectory and Active Directory for convenient authentication
- ▶ 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

### 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 2,500 solution partners who offer local support and services. Astaro AG is headquartered in Karlsruhe, Germany and Burlington, Massachusetts, USA.

## Deployment

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

- ▶ Dual antivirus engines operate with two independent databases with over 300,000 patterns
- ▶ Blocks incoming and outgoing Spyware traffic, preventing infection and hidden communication
- ▶ Blocks downloads based on file and MIME/content type defined within black-lists
- ▶ Blocks the hidden installation of active content (such as Java, Active X, Flash, Cookies, VBScript, JavaScript) within the user's desktop
- ▶ Content scanning capability for messages over 40 MB
- ▶ URL filtering technology with over 20 million websites across 60 categories controls employee web access.
- ▶ Uses comprehensive URL database with international content in more than 70 languages, via sites registered in over 200 countries
- ▶ Daily update of newly-discovered websites maximizes coverage
- ▶ Time-, user- and user-group-based access policies available
- ▶ Integrated user database, Active Directory, eDirectory, Radius, Tacacs+ and LDAP authentication
- ▶ Active Directory (incl. NTLMv2 and Kerberos authentication) and eDirectory integrated with single sign-on
- ▶ Updates 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
- ▶ P2P control: Applejuice, Ares, BitTorrent, Direct Connect, Gnutella, Edonkey, Imesh, MUTE, Manolito, Pando, Winny
- ▶ Skype blocking, alerting and bandwidth shaping
- ▶ Granular IM/P2P Control with exceptions based on User/IP addresses, QoS for IM/P2P protocols
- ▶ Customizable end-user messages
- ▶ Integrated graphical reports offering comprehensive information about frequency and duration of web-usage by user and domain, blocked web categories, detected/ blocked viruses
- ▶ Daily executive reports, optionally distributed by email
- ▶ Support for UTF-8

## 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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