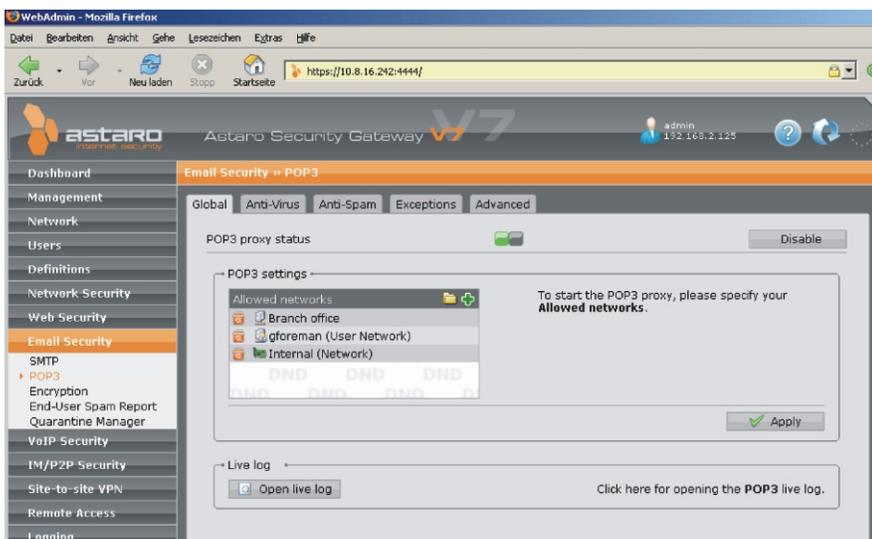**astaro**
internet security

Astaro Security Gateway
Email Security

Email communication is reponsible for spreading the majority of virual infections and poses one of the greatest security risks for companies today. Furthermore, unprotected email messaging also violates compliance regulations in terms of sending highly sensitive information over the Internet.

Astaro Security Gateway embodies a unified solution to all of these risks, combining filtering, encryption and digital sigatures in one powerful appliance.

Network administrators gain a simple, effective way to:

▸ **Stop spam:** Use state-of-the-art anti-spam features to block unwanted emails, minimizing productivity loss and security vulnerability. Stop potential security threats before they reach email servers.

▸ **Prevent phishing:** Block emails from criminals trying to trick users into revealing confidential information. Furthermore, prevent unsuspecting users from clicking links to fraudulent web sites.

▸ **Block viruses:** Achieve unmatched detection rates for known and unknown malware. All traffic (SMTP and POP3) is inspected with three independent scan engines.

▸ **Encrypt emails and employ digital signatures:** Use standard encryption methods to prevent unauthorized interception of emails. Client software is not required; all processes are transparently handled at the gateway.

Benefits

Comprehensive Security

▸ High recognition rate through intelligent spam detection technology

▸ Low 'false positive' rates guaranteed

▸ Local quarantine for spam mails

▸ Dual virus protection, with encrypted emails and archived attachments included

▸ Extensive virus signature database with over 300,000 patterns

▸ Tight integration with other Unified Threat Management applications

Easy to manage

▸ Browser-based graphical user interface allows convenient central administration

▸ Set-up wizard for easy installation

▸ Automatic centralised key and certificate generation

▸ Self-management of quarantine for users, with individual white-lists

▸ Real-time automatic update of firmware and attack patterns

▸ Clientless encryption provides end-user transparency

▸ Enforcement of company-wide email security policy

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 Email Security functionality is available through two separate subscriptions for Astaro Security Gateway solutions:

‣ **Email Filtering:** Provides Anti Spam, Anti Virus and Phishing Protection.

‣ **Email Encryption:** Provides OpenPGP and S/MIME encryption and digital signatures for SMTP emails.

Automatic firmware and pattern updates are provided via

Astaro's Up2date service, included as part of every maintenance contract.

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-optimized networking equipment that enables you to "plug and play".

‣ **Astaro Software Appliance:** Quickly turns any PC into a security appliance, offering maximum deployment flexibility.

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

Astaro Hardware Appliances

Astaro Software Appliance

Technical Specifications

‣ Email scans with SMTP and POP3 support

‣ Scans archived and compressed email attachments in many different formats such as ARJ, GZIP, RAR, Tar, ZIP and CAB. Includes up to 99 levels

‣ Scans embedded mail formats such as SYS, ELF, HLP, OLE2, Shell, Perl, XML, CHM, REG, WSF, LNK, VBA, PIF and others

‣ Protects against server exploits through email IPS

‣ Scans encrypted emails

‣ Questionable emails can be deleted, marked or quarantined on an integrated hard drive, without need for an external storage device

‣ Web portal and daily spam report for SMTP and POP3 emails provides individual release or white-listing capability

‣ Advanced spam detection techniques: RBL, header and body analysis, heuristics, SPF record checking, BATV, URL scanning, grey-listing and black/white lists

‣ Dual anti virus engines operate with over 300,000 patterns

‣ Zero-day heuristics effectively detect patterns and behaviour that resemble known classes of viruses

‣ Detects phishing URLs within emails

‣ Updates internal database with new virus patterns and signatures, through real-time check with Astaro's Up2Date server

‣ Support for UTF-8

‣ Clientless email encryption, based on S/MIME, OpenPGP, and TLS standards

‣ Integrated graphical reports offering extensive information about the current system status, detected viruses and malware

‣ Email footer and disclaimers are fully customizable

‣ Blocks malicious file extensions

‣ Provides content scanning capability for message sizes over 40 MB

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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