

# Astaro Security Gateway Mail Security



Email communication is responsible for spreading the majority of harmful content that damages network environments, and poses one of the greatest security risks for companies today. Unprotected email messaging can also violate compliance regulations in regards to how highly sensitive information is transmitted over the Internet.

Astaro Security Gateway embodies a unified solution to all of these risks, combining high-capacity filtering, encryption, and message management in one powerful appliance.

#### ▶ Antispam

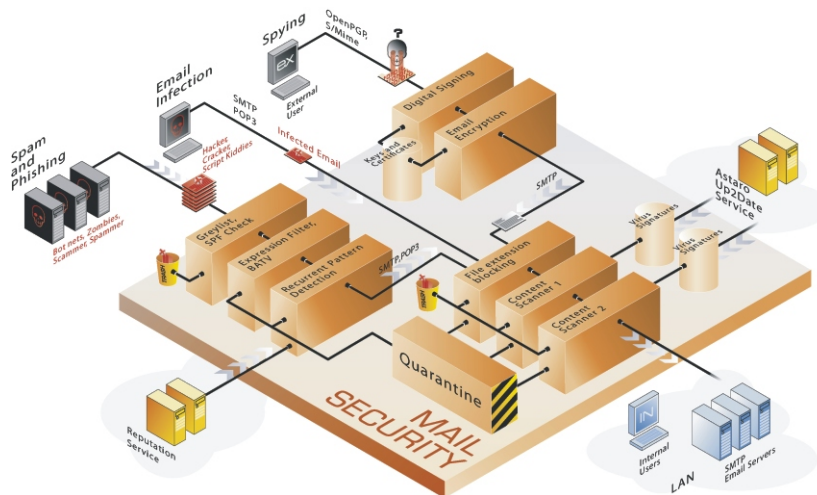
Astaro integrates a patented, reputation-based filtering engine which substantially increases the detection accuracy when scanning for spam messages.

#### ▶ Antivirus

Dual virus scanners block harmful malware in SMTP and POP3 emails, preventing dangerous payloads from crippling workstations and the network.

#### ▶ Email Encryption

Easily secure and sign your email communications with included S/MIME and OpenPGP transparently on the Astaro device. Company-wide encryption policies can be set without the need for client software in just a few clicks.



A powerful suite of integrated tools

## Benefits

### Comprehensive Security

- ▶ Unmatched recognition rate through message fingerprinting and pattern detection technology
- ▶ Phishing Protection protects users from identity theft, banking scams, and other malicious URL's
- ▶ Scans messages of any language
- ▶ Extensive virus signature database with over 800,000 patterns
- ▶ Integrates into any network
- ▶ Filter mail for local servers or hosted/off-site configurations
- ▶ Automatic updating system

### Easy to Manage

- ▶ Web-based user interface for easy administration
- ▶ Setup wizard for quick installation
- ▶ Centralized key and certificate creation and management
- ▶ Localized UserPortal with 15 supported languages
- ▶ Self-management of message quarantine for users
- ▶ Individual whitelisting ability
- ▶ Real-time automatic update of firmware and attack patterns
- ▶ Transparent, clientless email encryption and digital signing

## 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 Mail Security features are available by subscription for Astaro Security Gateway and Astaro Mail Gateway, including:

- ▶ **Filtering:** Provides Antispam, Antivirus, Phishing and Malware Protection.
- ▶ **Encryption:** Provides transparent, OpenPGP and S/MIME encryption, and digital signatures for SMTP emails.

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 identical functionality, allowing free choice of your preferred deployment type:

- ▶ **Astaro Hardware Appliances:** Unified Threat Management or dedicated Mail 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

- ▶ Email scanning with SMTP and POP3 support
- ▶ Reputation service with spam outbreak monitoring based on patented Recurrent-Pattern-Detection™ technology
- ▶ Dual Antivirus engines operate with over 800,000 patterns
- ▶ Block spam and malware during the SMTP transaction
- ▶ Scan archived and compressed email attachments with deep-level support
- ▶ Scanning of encrypted emails
- ▶ Scan embedded mail formats
- ▶ User Quarantine Report mailed out daily at customizable times
- ▶ Sender domain and IP blacklisting for SMTP
- ▶ Recipient Verification against Active Directory account
- ▶ Blocks malicious and unwanted files with MIME type checking
- ▶ Advanced spam detection techniques: RBL, heuristics, SPF record checking, BATV, URL scanning, greylisting, HELO & RDNS checks
- ▶ Detects phishing URLs within emails
- ▶ Windows Server 2008 Native Mode support
- ▶ Automatically quarantine unscannable or oversized messages
- ▶ Clientless email encryption, based on S/MIME, OpenPGP, and TLS standards
- ▶ PGP key server support
- ▶ Customizable UserPortal for end-user mail management, in 15 languages
- ▶ Authentication against integrated user database, Active Directory, eDirectory, LDAP, RADIUS, and Tacacs+
- ▶ Detailed exception list for granular adjustments
- ▶ Automatic signature and pattern updates via Astaro's Up2Date service
- ▶ Filter mail for unlimited domains & mailboxes
- ▶ Integrated graphical reports offer extensive information
- ▶ PDF and CSV Report export options
- ▶ Anonymization of reporting data to enforce privacy policy
- ▶ Customizable email footers and disclaimers
- ▶ Setup wizard and online help
- ▶ Daily executive reports delivered by email
- ▶ Archiving of executive reports

## 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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