

Astaro Mail Gateway Overview

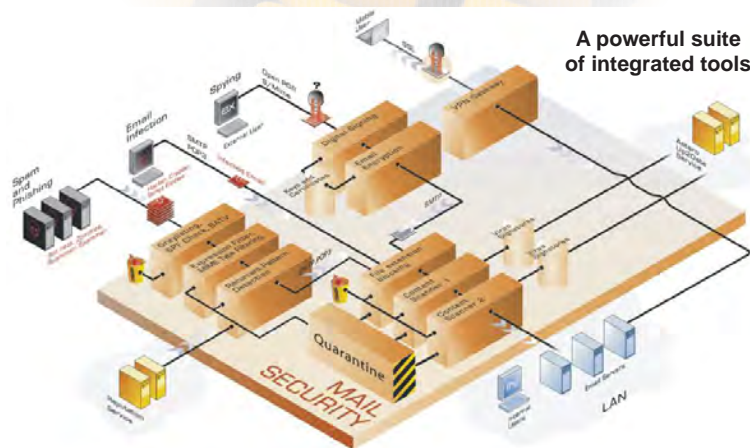


Email Security Made Easy

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 Mail 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.
- ▶ **Email Encryption:** Easily secure and sign your email communications with included S/MIME and OpenPGP transparently and set company-wide policies without the need for client software in just a few clicks.
- ▶ **Remote Exchange Access:** Users can connect to their mailbox over a secured SSL VPN session from anywhere in the world.



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.

Benefits

Comprehensive Security

- ▶ Reliable spam detection with >98.5% recognition rate and <0.02% false positives
- ▶ Blocks up to 90% of malware during SMTP transaction
- ▶ Phishing Protection protects users from identity theft, banking scams, and other malicious URL's
- ▶ Scans messages of any language and format
- ▶ Extensive virus signature database with over 800,000 patterns
- ▶ Transparent, clientless email encryption and digital signing

Easy to Manage

- ▶ Web-based user interface for easy administration
- ▶ 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



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symtrex inc.
Network Security Specialists

Who's Watching Your Network?



Astaro Mail Gateway 1000



Small Networks

Astaro Mail Gateway 2000



Medium Networks

Astaro Mail Gateway 3000



Medium Networks

Astaro Mail Gateway 4000



Large Networks

AMG Virtual Appliance



Small to Large Networks

Recommended Users	1 - 300	200 - 800	700 - 3,000	2,000 - 5,000	**
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Functionality

Antispam	yes	yes	yes	yes	yes
Antivirus	yes	yes	yes	yes	yes
Email Encryption	yes	yes	yes	yes	yes
Remote Exchange Access	yes	yes	yes	yes	yes
Directory/LDAP Integration	yes	yes	yes	yes	yes
Per Domain Settings	yes	yes	yes	yes	yes

System

Quarantine Storage	30 GB	30 GB	30 GB	80 GB*	**
Log/Reporting Storage	40 GB	40 GB	40 GB	60 GB*	**
10/100/1000 Mbps Ethernet Ports	2	2	4	4	**
Form Factor	1U rack-mount	1U rack-mount	1U rack-mount	1U rack-mount	**
Active/Passive HA (Hot Standby)	yes	yes	yes	yes	
Active/Active HA (Clustering)	no	no	yes	yes	**

Performance

Email Throughput (scanned)	50,000 emails/s	100,000 emails/s	150,000 emails/s	200,000 emails/s	**
Email Throughput (seen)	400,000 emails/s	750,000 emails/s	1,000,000 emails/s	1,500,000 emails/s	**

* RAID hard disk system. ** Depending on hardware platform used

» With Astaro's Reputation-Based Filtering, reliability of our spam recognition was doubled «

Marc Hurrelmann, President
Midland IT GmbH

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Who's Watching Your Network?

Astaro User Portal

The web-based UserPortal presents many options for the end-user to track and monitor messages which have been processed by the Astaro Mail Gateway.

SMTP/POP3 Quarantine

Displays all filtered emails for POP3 and SMTP. Depending on the filter selection, it is possible to view and take action on messages

Individual Mail Log

The email log allows users to gain a quick overview over their complete email traffic

Personal Whitelist

Users can manage a personal email whitelist of sender addresses which should not be subject to spam scans

POP3 Accounts

Administration of POP3 accounts allows users to redirect their POP3 email accounts through Astaro Mail Gateway to take advantage of spam and virus scanning

Security Features - Details

- ▶ Email scanning with SMTP and POP3 support
- ▶ Reputation service with spam outbreak monitoring based on patented Recurrent-Pattern-Detection™ technology
- ▶ Advanced language and format independent spam detection: RBL, heuristics, SPF record checking, BATV, URL scanning, greylisting, HELO and RDNS checks
- ▶ Dual Antivirus engines operate with over 800,000 patterns
- ▶ Send archived and compressed email attachments with deep-level support
- ▶ User Quarantine Report for SMTP and POP3 mailed out daily at customizable times
- ▶ Sender domain and IP blacklisting for SMTP
- ▶ Recipient Verification against Active Directory
- ▶ Blocks malicious and unwanted files with MIME type checking
- ▶ Scan embedded mail formats
- ▶ Domain Key Identified Mail (DKIM) signing for outbound emails
- ▶ Automatically quarantine unscannable or oversized messages
- ▶ Authentication against integrated user database, Active Directory, eDirectory, LDAP, RADIUS, & Tacacs+
- ▶ PGP key server support
- ▶ Customizable UserPortal for end-user mail management in 15 languages
- ▶ Detailed exception list for granular adjustments
- ▶ Clientless email encryption based on S/MIME, OpenPGP, and TLS standards
- ▶ User-maintainable whitelists and POP3 accounts
- ▶ View and search message logs in real-time
- ▶ Easily find a record of any message and the resulting action taken on it
- ▶ Email footer and disclaimers are fully customizable
- ▶ Automatic signatures and pattern updates via Astaro's Up2Date service
- ▶ Filter mail for unlimited domains & mailboxes, all easily managed
- ▶ Integrated graphical reports offer extensive information
- ▶ Daily executive reports delivered by email
- ▶ Active/Passive (Hot Standby) and Active/Active (Clustering) HA without the need for load balancers
- ▶ Setup wizards and online help

24x7 Service Offerings

Mail Security

Award-winning customer support offerings include 24x7 technical assistance and expedited appliance replacement

Security Response

Subscriptions to Astaro's 24x7 Security Response Service keep networks protected and secure at all times

Training

To maximize administrator productivity, free, self-paced training is available on the web along with regularly-scheduled live seminars

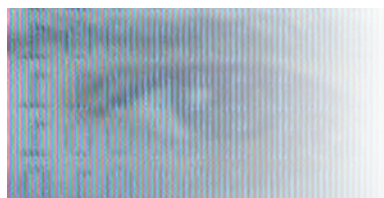
Online Resources

Access a wealth of information about Astaro products, offerings, research and support tools through our collection of online resources

If you have any questions regarding Astaro's Security Gateway or require further information, please contact us at 1-866-431-8972 or sales@astaro.ca

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