

# 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

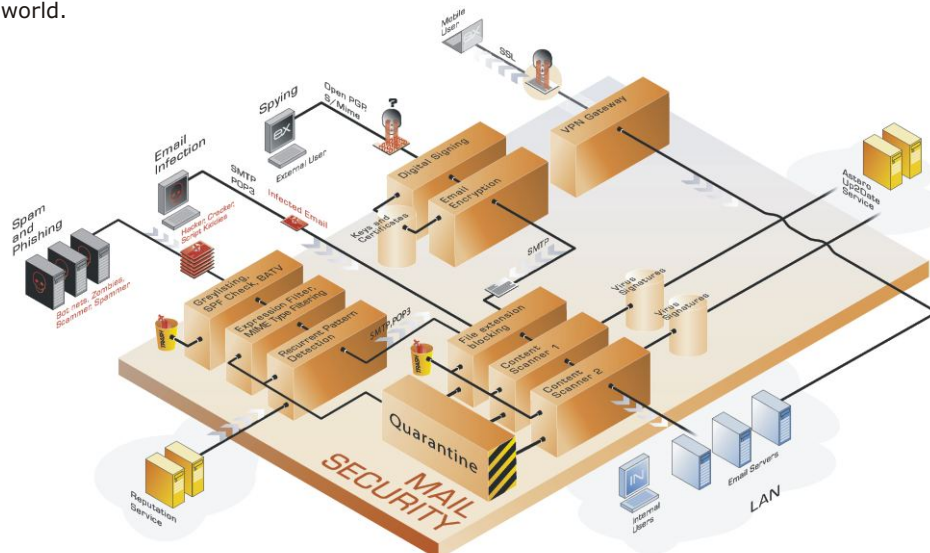
Dual virus scanners block harmful malware in SMTP and POP3 emails.

### ▶ 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, with no need to educate users in how it works.

### ▶ Remote Exchange Access

Users can connect to their mailbox over a secured SSL VPN session from anywhere in the world.



A powerful suite of integrated tools

## 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

## The Astaro Difference

- ▶ Only Astaro appliances are available in three different types: as hardware, software and a virtual appliance, making it even easier to integrate them into existing infrastructures.
- ▶ Nobody is faster: with the "Astaro 10-Minute Setup" every installation is accomplished in no time at all.
- ▶ Nobody's more flexible: the Astaro "One-Click Clustering" technology enables scalable performance and system stability with up to ten cluster nodes.
- ▶ Already 47,000 customers are protecting their email communication with an Astaro appliance.





Astaro Mail Gateway **1000**



Small networks

Astaro Mail Gateway **2000**



Medium networks

Astaro Mail Gateway **3000**



Medium networks

|                          |         |           |             |
|--------------------------|---------|-----------|-------------|
| <b>Recommended Users</b> | 1 - 300 | 200 - 800 | 700 - 3,000 |
|--------------------------|---------|-----------|-------------|

| <b>Functionality</b>       |     |     |     |
|----------------------------|-----|-----|-----|
| Antispam                   | yes | yes | yes |
| Antivirus                  | yes | yes | yes |
| Email Encryption           | yes | yes | yes |
| Remote Exchange Access     | yes | yes | yes |
| Directory/LDAP Integration | yes | yes | yes |
| Per Domain Settings        | yes | yes | yes |

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

| <b>Performance</b>         |                  |                  |                    |
|----------------------------|------------------|------------------|--------------------|
| Email Throughput (scanned) | 50,000 emails/h  | 100,000 emails/h | 150,000 emails/h   |
| Email Throughput (seen)    | 400,000 emails/h | 750,000 emails/h | 1,000,000 emails/h |

» With Astaros Reputation-Based Filtering, reliability of our Spam recognition was doubled! «

Marc Hurrelmann  
President, Midland IT GmbH



# Astaro Mail Gateway Overview

## Astaro Mail Gateway 4000



Large networks

## AMG Virtual Appliance



Small to large networks

|                    |     |
|--------------------|-----|
| 2,000 - 5,000      | **  |
| yes                | yes |
| yes                | yes |
| yes                | yes |
| yes                | yes |
| yes                | yes |
| yes                | yes |
| 130 GB*            | **  |
| 175 GB*            | **  |
| 4                  | **  |
| 1U rack-mount      | **  |
| yes                | **  |
| yes                | **  |
| 200,000 emails/h   | **  |
| 1,500,000 emails/h | **  |

\*RAID hard disk system

\*\*Depending on hardware platform used

## Astaro UserPortal

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

The mail quarantine displays all filtered emails for POP3 and SMTP. Depending on the filter selection, it is possible to view and take action on messages such as release, whitelist, download, delete, and more.

### Individual Mail Log

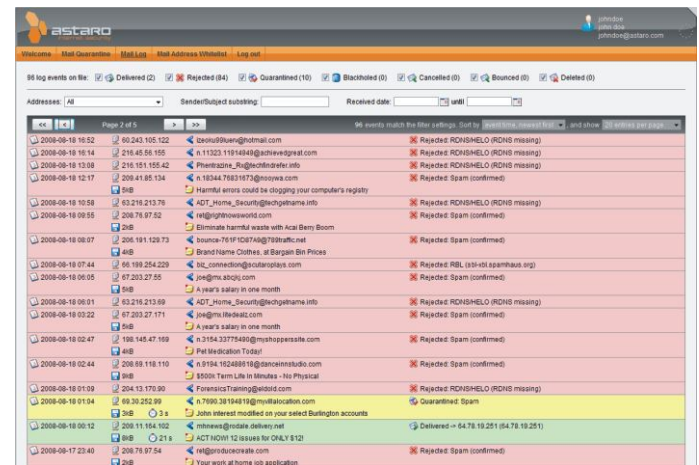
The email log allows users to gain a quick overview over their complete email traffic.

### 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 user to redirect their POP3 email accounts through the Astaro Mail Gateway to take advantage of spam and virus scanning.



**Mail Log: A personalized record of all messages handled for a user (red: rejected, amber: quarantined, green: delivered)**

The UserPortal is available in 15 languages and can be adjusted to display needed information via a configurable Welcome Page. Using the UserPortal together with the daily quarantine reports greatly reduces the administrator's workload in dealing with user queries.

## 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, Greylisting, RDNS & HELO checks and black and whitelists
- ▶ 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
- ▶ 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, and 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 wizard and online help
- ▶ SSL VPN for remote access to mailboxes hosted on MS Exchange, Lotus Notes and Novell Groupwise

## 24x7 Service Offerings

### Support

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

### Security Response

Subscription to Astaro's 24x7 Up2Date Security Response Service keeps 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.

## Contact Astaro

Download an evaluation copy of the Astaro Mail Gateway virtual appliance at <http://www.astaro.com/download/amg> or contact Astaro at:

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### Your Astaro Solutions Partner