



# OVERVIEW

## ASTARO SECURITY GATEWAY



# Astaro All-in-One Internet Security

Securing over 100,000 networks in 60 countries, the award-winning line of Astaro™ Security Gateways protects against the endless number of viruses, spam and hackers that threaten to compromise network security today. Astaro Security Gateways are powerful modular solutions that simplify IT managers' tasks to implement the mission critical security functions necessary for optimum network protection.

### Protecting Networks

**Stateful Inspection Firewall**  
Manages time-based network access.

**Intrusion Prevention**  
Allows in-depth filtering to protect against more than 8,000 attacks.

**Remote Access & VPN**  
Securely connects remote workers and branch offices.

### Securing E-mail Traffic

**Antispam & Phishing**  
Blocks unwanted e-mail and prevents data leakage using the latest techniques.

**Dual Antivirus Protection**  
Catches viruses in POP3, SMTP, and Webmail with two independent scanners.

**Transparent Encryption**  
Signs and encrypts e-mails with TLS, OpenPGP, or S/MIME - clientless!

### Filtering Web Access

**URL Filtering**  
Controls web surfing by blocking over 35 million sites in 96 categories.

**Antivirus & Spyware**  
Filters and scans all FTP, HTTP and HTTPS web traffic.

**IM & P2P Control**  
Manages Bittorrent, Skype, ICQ, MSN and more.

### Intuitive Management



### Extensive Reporting



### The Astaro Difference

- > With its open architecture, Astaro has innovated All-In-One Internet Security for more than 10 years.
- > Astaro's Essential Firewall empowers every business to securely connect to the Internet - for FREE!
- > Only Astaro appliances are available in three different types: As hardware, software, and virtual appliances. Integration into existing infrastructures has never been easier.

### Live Demo

No download, registration or installation required - just click and test:

<http://asg.astaro.com>

**Astaro Security Gateway 110/120****Small networks****Astaro Security Gateway 220****Medium networks****Astaro Security Gateway 320****Medium networks**

Max. Recommended FW Users	10**/80	300	800
Max. Recommended UTM Users	10**/25	75	200

**Performance**

Firewall Throughput	200 Mbps	1.8 Gbps	3 Gbps
VPN Throughput	90 Mbps	260 Mbps	350 Mbps
Intrusion Protection Throughput	120 Mbps	280 Mbps	450 Mbps
UTM Throughput	35 Mbps	65 Mbps	125 Mbps
E-mail Throughput (seen)	250,000 E-mails/h	400,000 E-mails/h	600,000 E-mails/h
E-mail Throughput (scanned)	30,000 E-mails/h	52,000 E-mails/h	78,000 E-mails/h
Licensed Users	10**/unlimited	unlimited	unlimited
Concurrent Connections	90,000	300,000	600,000

**System**

Quarantine Storage	30 GB	60 GB	60 GB
Log/Reporting Storage	40 GB	80 GB	80 GB
10/100 Mbps Ethernet Ports	4	–	–
Gigabit Ethernet Ports	–	8	8
Gigabit SFP Ports	–	–	–
Active/Passive HA (Hot Standby)	yes	yes	yes
Active/Active HA (Cluster)	yes	yes	yes

**"With Astaro our manual intervention dropped by about 75%."**  
**Michael Mierwinski, CIO at Mid-America Overseas**

**Astaro Security Gateway 425**



Large networks

**Astaro Security Gateway 525**



Large networks

**Astaro Security Gateway 625**



Large networks

**ASG Software & Virtual Appliance**



Small to large networks

1,500	3,500	5,000	*
600	1,300	2,000	*
<b>Performance</b>			
3.8 Gbps	5.5 Gbps	10 Gbps	*
400 Mbps	500 Mbps	580 Mbps	*
550 Mbps	800 Mbps	1.1 Gbps	*
135 Mbps	200 Mbps	350 Mbps	*
1,200,000 E-mails/h	1,500,000 E-mails/h	2,200,000 E-mails/h	*
130,000 E-mails/h	200,000 E-mails/h	250,000 E-mails/h	*
unlimited	unlimited	unlimited	10 - unlimited
1,000,000	1,700,000	2,500,000	*
<b>Capacity</b>			
60 GB	120 GB	200 GB	*
80 GB	160 GB	220 GB	*
-	-	-	*
6	10	10	*
2	4	8	*
yes	yes	yes	*
yes	yes	yes	*

\*Depending on hardware platform used

\*\*ASG 110 limited to 10 users



Common Criteria Certification



ICSA Labs Certification



VMware Ready Certification

**"We chose Astaro for its all-in-one approach, trouble-free installation and management at an affordable price."  
Martin Bělohávek, Systems Administrator, MAN ČR, MAN Group**



## Essential Firewall

Each Astaro Security Gateway comes with a free Essential Firewall base functionality, offering the following fundamental security functions to protect any business network:

- > **Networking:** Internet Router, Bridging, DNS server & proxy, DynDNS, DHCP server & relay, NTP support, automatic QoS
- > **Network Security:** Stateful Packet Inspection Firewall & Network Address translation (DNAT/SNAT/Masquerading)
- > **Remote Access:** PPTP and L2TP over IPSec support (including iPhone support)
- > **Logging/Reporting:** Full logging on local hard drive, searching, real-time reports for hardware, network usage and network security, daily executive reports
- > **Management:** Web-based GUI in local languages, setup wizard, configuration backup & restore, administrator notifications, SNMP support, centralized management via Astaro Command Center

## Applications

To further enhance the functionality of your Astaro Security Gateway platform, you are free to add any combination of the following applications:

### Network Security



Adds an Intrusion Prevention System, DoS Protection, IPSec & SSL Branch Office VPN and Remote Access, Advanced Routing (OSPF, Multicast), custom QoS, server Load Balancing, generic/SOCKS/IDENT proxies and VoIP Security.

### Mail Security



Keeps your inbox clean and protects your SMTP and POP3 mail traffic by offering features like Antispam, Antiphishing, dual Antivirus Scanning, clientless E-mail Encryption and individual UserPortals.

### Web Security



Protects your network from web-based threats and allows you to manage user roles by offering features like URL Filtering, Spyware Protection, Antivirus Scanning, HTTPS Scanning, IM/P2P Control and User Reporting.

With any application you also get additional features like Advanced Networking (Link Aggregation, Uplink Balancing, Multipath Rules, Policy Rules), High Availability and Clustering, Remote Logging, Advanced Reporting, and much more.

## 24 x 7 Service Offerings

### Support

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

### Security Response

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

Request an evaluation copy of the Astaro Security Gateway at [www.astaro.com/freetrial](http://www.astaro.com/freetrial) or contact Astaro at:

### Europe, Middle East, Africa

Astaro AG  
An der RaumFabrik 33a  
76227 Karlsruhe  
Germany

T: +49 721 255 16 0  
[emea@astaro.com](mailto:emea@astaro.com)

### The Americas

Astaro Corporation  
260 Fordham Road  
Wilmington, MA 01887  
USA

T: +1 978 974 2600  
[americas@astaro.com](mailto:americas@astaro.com)

### Asia

Astaro Asia  
8 Eu Tong Sen Street  
#12-99, The Central  
Singapore 059818

T: +65 6227 2700  
[apac@astaro.com](mailto:apac@astaro.com)

### Pacific Japan

Astaro K.K.  
Shinjuku Nomura Building 32F  
1-26-2 Nishi-Shinjuku,  
Shinjuku-ku, Tokyo  
Japan 163-0532

T: +81 3 4360 8350  
[apac@astaro.com](mailto:apac@astaro.com)

### Your Astaro Partner

