astaro
internet security

Astaro Security Gateway Overview

| e-mail | web | network | security |

Astaro Internet Security

Securing over 30,000 businesses, the award-winning line of Astaro Security Gateways, protect networks from the endless amount of viruses, spam and hackers that threaten to compromise a network's security.

Astaro Security Gateways are powerful, easy to manage and secure solutions that assist IT managers in executing the mission critical security functions necessary for optimum network protection:

Securing E-mail Traffic

▸ **Anti Spam & Phishing** blocks unwanted e-mail using the latest techniques.

▸ **Dual Virus Protection** catches viruses in POP3, SMTP, and Webmail traffic.

▸ **Transparent Encryption** signs and encrypts e-mails with TLS, Open-PGP, or S/MIME clientless!

Filtering Web Access

▸ **Content Filtering** blocks access to 60 million+ unproductive websites.

▸ **Anti Virus & Spyware** prevents client infections from web surfing and downloading.

▸ **IM & P2P Control** allows management of apps such as ICQ, MSN, and Skype.

Protecting Networks

▸ **Intrusion Prevention** augments firewalls with deep-inspection filtering.

▸ **Remote access & VPN** securely connects remote workers and branch offices.

▸ **Traffic shaping** ensures sufficient band-width for time-critical applications such as VoIP.

How Astaro is different

Since 2000, when Astaro invented what today is called Unified Threat Management, Astaro's research and development team has continuously refined its technology and extended Astaro's lead in multi-function security appliances:

Astaro's applications are best-of-breed

Astaro isn't cobbling together stand-alone products nor does it inflate firewall/VPN plat-forms with rudimentary fea-tures. All of Astaro's applica-tions are carefully selected, run through intense testing, and compete with the best point solutions available.

First with new protection layers

Our modular and open software architecture allows Astaro to add new layers of protection as quickly as new threats arise. Our customers always have the latest protec-tion layers available, automat-ically updated, free of charge.

Only Server-class hardware

Instead of cheap proprietary platforms and operating systems Astaro runs on what powers the most demanding applications on the Internet: Intel-Server systems with a hardened embedded security Linux, accelerated by a security co-processor.
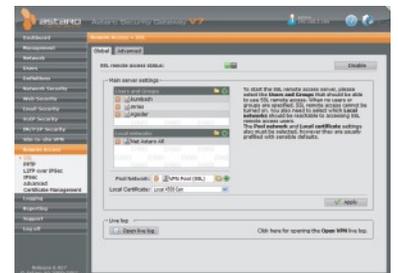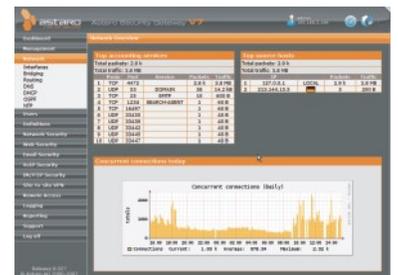
Astaro Security Gateway Overview

	Astaro Security Gateway **110**	Astaro Security Gateway **120**	Astaro Security Gateway **220**
	Small networks	Small networks	Medium networks
Functionality			
E-mail Filtering	yes	yes	yes
E-mail Encryption	S/MIME, OpenPGP	S/MIME, OpenPGP	S/MIME, OpenPGP
Web Filtering	yes	yes	yes
Network Protection	yes	yes	yes
System			
10/100 Mbps Network Ports	3	3	8
10/100/1000 Mbps Network Ports	----	----	----
Disk Storage	yes	yes	yes
Security Co-Processor	----	----	----
Performance			
Firewall Throughput	100 Mbps	100 Mbps	260 Mbps
VPN Throughput	30 Mbps	30 Mbps	150 Mbps
Intrusion Protection Throughput	55 Mbps	55 Mbps	120 Mbps
E-mails per Day	350,000	350,000	500,000
Users	10	unlimited	unlimited
Concurrent Connections	60,000	60,000	400,000

Astaro Command Center

Large deployments of Astaro Security Gateway can be managed through the powerful Astaro Command Center, a web based system that lets IT managers of large Enterprises, Carriers, and Service Providers centrally deploy, manage, and monitor all Astaro appliances.

Astaro Security Gateway Overview

Astaro Security Gateway **320**	Astaro Security Gateway **425**	Astaro Security Gateway **525**	ASG **Software**
Medium networks	Large networks	Large networks	Small to large networks
yes	yes	yes	yes
S/MIME, OpenPGP	S/MIME, OpenPGP	S/MIME, OpenPGP	S/MIME, OpenPGP
yes	yes	yes	yes
yes	yes	yes	yes
4	----	----	*
4	8	10	*
yes	yes	yes	*
----	yes	yes	----
420 Mbps	1.2 Gbps	3 Gbps	*
200 Mbps	265 Mbps	400 Mbps	*
180 Mbps	450 Mbps	750 Mbps	*
1,000,000	1,500,000	2,200,000	*
unlimited	unlimited	unlimited	10 - unlimited
550,000	700,000	>1,000,000	*

Depending on hardware platform used.

Common Criteria Certification

ICSA Labs Certification

2005 "Best of the Year"
2006 "Best of the Year"
Recipient of:
"Best Buy" & "Recommended" Status
"5 Star Rating"

2005 "Best of the Year"
2005 "Editor's Choice"

2005 "Product of the Year"
2006 "Product of the Year"
Two-time recipient of:
"Product Recommended" Status

Astaro Security Gateway Highlights

E-mail Filtering
- Scans in- and outbound POP3 and SMTP traffic, also encrypted and compressed
- Anti Spam: RBL, Pattern, Heuristics, SPF, BATV, URLs, B/W lists
- Dual Anti Virus: >300,000 patterns plus heuristics
- Detects phishing URLs in e-mails
- Clientless Encryption: TLS, S/MIME, OpenPGP
- Intrusion Prevention rules for e-mail servers
- Deletes, marks, or quarantines bad e-mails on integrated hard drive
- Web portal and daily reports for self-management of user's individual queues
- Multilingual/Multinational

Web Filtering
- Transparent high performance HTTP & FTP proxies

- Dual Anti Virus: 300,000+ patterns plus heuristics
- Anti Spyware: Preventing infection and hidden communication
- Content Filtering: 60+ million websites in 60 categories
- Active content filtering like Java, Active X, Flash, Cookies, VBScript, JavaScript
- IM control: AIM, ICQ, MSN, Skype, Yahoo, IRC, Gtalk, Jabber
- P2P control: BitTorrent, Kazaa, Gnutella, eDonkey, WinMX, Winny
- Time, User, User group based filtering

Network Protection
- Stateful deep inspection firewall
- VPN & Remote Access: SSL, IPSec, L2TP over IPSec, PPTP
- Supports integrated and external Certificate Authorities (CAs)

- IPS: 6,000+ rules, automatic attack signature update
- In- and outbound traffic shaping (Guarantee/ Maximum/ Priority)
- DoS, DDoS, Portscan, Worm and Botnet protection

Security Management
- Simple role-based management in web browser
- Meaningful dashboards and graphical reports
- Setup wizard and online help
- Automatic update of firmware and attack patterns in real time
- Customizable messages to users (e.g. IT department contact details) in local language
- Hot Standby (Active/Passive) with <1sec take over
- Clustering (Active/Active) without need of load balancers

- Full state and data synchronization for Hot Standby and Clustering
- Authentication: Local, Active Directory, eDirectory, Radius, Tacacs+, LDAP
- Single Sign-On: Active Directory, eDirectory

Networking
- Interfaces: Ethernet, DSL, Cable, 802.1q VLAN, PPP
- Web proxy cache for intelligent bandwidth management
- Routing modes: Static, Policy, OSPF, NAT, PAT, Bridging
- Unlimited users, interfaces, policies, schedules, tunnels, connections*
- Stateful VoIP support: H.323, SIP
- Multiple Internet uplink support
- 802.3ad Link Aggregation
- Server load balancing

*Users on ASG 110 and on Software Appliance are limited.

24x7 Service Offerings

Support

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

Security Response

Subscriptions to Astaro's 24x7 Up2Date 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.

Contact Astaro

Download an evaluation copy of the Astaro Security Gateway software at http://www.astaro.com or contact Astaro at:

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