

# Astaro Security Gateway 425

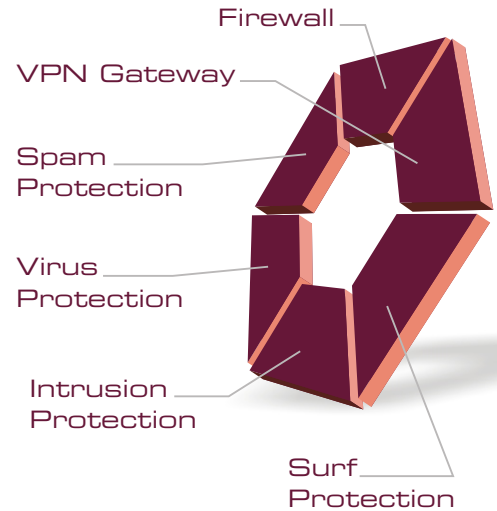
Astaro Security Gateway network security appliances provide complete, cost-effective protection against a wide range of network security threats.

Six critical security applications - firewall, VPN gateway, intrusion protection, gateway virus and spam blocking and URL filtering - are fully integrated in one easy-to-manage product. Astaro's technology protects against over 3,000 intrusions, 100,000 viruses, thousands of spammers, and 60 million questionable web sites - the broadest range of protection available.

Using Astaro's renowned graphical interface and online update mechanism, a single administrator can easily deploy and manage a comprehensive network security infrastructure.

The Astaro Security Gateway 425 is designed to provide protection for medium-sized enterprises and divisions of large enterprises, and large enterprises. The Astaro Security Gateway 425 incorporates a NodalCore-X™ Security Processing Unit from Sensory™ Networks. This specialized processor is optimized to perform security functions such as content decompression and pattern matching in order to accelerate virus detection. It more than doubles virus scanning performance. And the NodalCore-X™ Security Processing Unit is a Field-Programmable Gate Array (FPGA), so that software enhancements and upgrades can be downloaded and installed over the Internet.

The Astaro Security Gateway 425 also features two GB of DDR-II memory and eight gigabit-speed network ports, four of which are connected to a PCI-Express bus for very high levels of throughput.



Astaro Security Gateway 425

## Unified Management

The Astaro Security Gateway appliances' intuitive, browser-based interface makes it easy for one administrator to deploy and manage a complete security solution. The Astaro Up2Date online update service provides a single, fast mechanism to update threat patterns and system software. Optional add-on products - Astaro Report Manager and Astaro Configuration Manager - provide sophisticated tools for

logging and analyzing security data and for distributing configurations across multiple locations.

## Scalability and Choice

The same comprehensive security applications and powerful management tools are available across a range of Astaro Security Gateway appliances, and as Astaro Security Gateway software that can be installed on any Intel system.

## Proven Technology

Astaro's technology has been tested and proven on over 25,000 networks in 60 countries. It has been widely acknowledged as among the security industries best, receiving recognition such as **Best Business Security Solution of the Year** and **Editor's Choice** from PC Magazine, **Best Firewall** in the Linux Enterprise Readers' Choice Awards, and **Excellent** from Infoworld Magazine.

## Integrated Security Applications

- Firewall** Astaro's ICSA-certified firewall performs stateful packet inspection and application-level deep packet filtering to block suspicious traffic. Features include security proxies, network address translation (NAT), masquerading, traffic shaping, and protection against denial of service (DoS) attacks.
- VPN Gateway** Astaro's VPN gateway supports a wide variety of sophisticated encryption algorithms, advanced authentication mechanisms and external directories, and a large selection of VPN clients that use IPSec, L2TP and PPTP protocols.
- Intrusion Protection** Intrusion Protection can detect and block over 3,000 application- and protocol-specific attacks. It provides both intrusion detection (notification of suspicious activities) and intrusion protection (automatic blocking of suspect packets). Intrusion Protection is tightly integrated with the firewall and VPN gateway.
- Virus Protection** Multiple detection methods and a database of over 100,000 virus signatures are used to block viruses, worms, Trojans and other malware. The software can scan both conventional e-mail traffic (SMTP and POP3 protocols) and web traffic (HTTP and FTP), and can open over 700 types of archived and compressed attachments.
- Spam Protection** Spam Protection uses multiple detection methods, including text analysis, sender address verification, realtime blackhole lists, whitelists, blacklists, and graylists to pinpoint spam types while minimizing false positives.
- Surf Protection** Surf Protection can block access to over 60 million web sites organized into 60 categories. Sophisticated categorization techniques and rechecking 100,000 URLs daily ensure accurate and up-to-date classification.

## About Astaro

Astaro provides a network security solution that is complete, simple to manage, affordable, and effective. Astaro selects and integrates the best of open source security software to provide the widest range of innovative security technology available in a single package. Astaro's technology has won numerous awards, and is in use on over 25,000 networks in more than 60 countries. Astaro's products are distributed by a worldwide network of solutions partners who offer local support and services.

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## Technical Specifications

### Capacity

▶ Users	Unrestricted
▶ Firewall throughput (Mbps)	1.200
▶ VPN throughput (Mbps)	265
▶ VPN tunnels	Unrestricted
▶ Policies	Unrestricted

### Security Applications

- ▶ Firewall
- ▶ VPN Gateway
- ▶ Intrusion Protection
- ▶ Virus Protection for E-mail
- ▶ Spam Protection
- ▶ Virus Protection for Web
- ▶ Surf Protection
- ▶ High Availability

### Hardware Specifications

▶ Form Factor	1U Rackmount
▶ Memory	2 GB DDR-II
▶ Hard drive	74 GB S-ATA
▶ 10/100/1000 Ethernet ports	8 (4 PCI-Express)
▶ USB ports	4
▶ RS-232 COM ports	2
▶ LCD display	1
▶ Dimensions W x H x D (mm)	426 x 43.5 x 432
▶ Weight	7.2 kg/15.9 lbs
▶ AC/DC	90-264 V
▶ Frequency	47-63 Hz
▶ Power Supply	250 W ATX
▶ Operating temperature	0°C to 40°C
▶ Storage temperature	-20°C to 80°C
▶ Humidity	10% to 90% non-condensing
▶ Regulatory	FCC/CE certified



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