**ICSA Labs CERTIFIED**
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Firewall-Corporate

# Astaro Security Gateway 220

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 2,000 intrusions, 100,000 viruses, thousands of spammers, and 20 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 220 is designed to provide protection for small and medium-sized businesses and offices. An inbuilt hard drive provides for quarantining of suspicious files and allows transaction logs to be stored locally. Its high reliability and excellent price-performance make this appliance a perfect choice for organizations seeking complete, cost-effective perimeter security.

Firewall
VPN Gateway
Spam Protection
Virus Protection
Intrusion Protection
Surf Protection
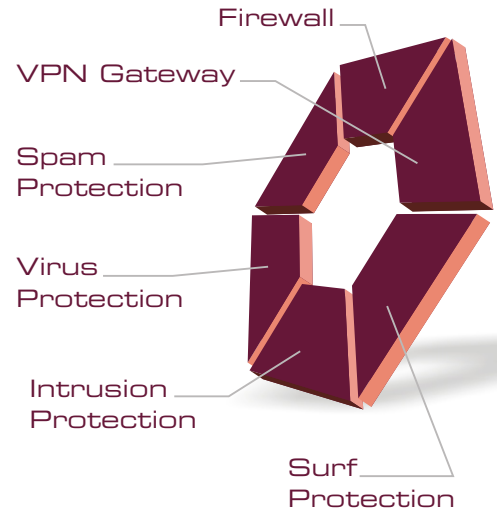
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## Unified Management

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 software (Astaro Security Linux) that can be installed on any Intel system.

## Proven Technology

Astaro's technology has been tested and proven on over 20,000 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 2,000 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 email 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 20 million web sites organized into 58 categories. Sophisticated categorization techniques and rechecking 100,000 URLs daily ensure accurate and up-to-date classification.

## Specifications

**Capacity**

| | |
|---|---|
| ▸ Users | Unrestricted |
| ▸ Firewall throughput (Mbps) | 280 |
| ▸ VPN throughput (Mbps) | 105 |
| ▸ VPN tunnels | Unrestricted |
| ▸ Policies | Unrestricted |

**Security Applications**

▸ Firewall
▸ VPN Gateway
▸ Intrusion Protection
▸ Virus Protection for Email
▸ Spam Protection
▸ Virus Protection for Web
▸ Surf Protection
▸ High Availability

**Hardware Specifications**

| | |
|---|---|
| ▸ Form Factor | 1U Rackmount |
| ▸ Memory | 512 MB |
| ▸ Hard drive | 40 GB |
| ▸ 10/100 Ethernet ports | 8 |
| ▸ USB ports | 2 |
| ▸ RS-232 COM ports | 2 |
| ▸ LCD display | 1 |
| ▸ Dimensions W x H x D (mm) | 426 x 43.5 x 305 |
| ▸ Weight | 11 kg/24 lbs |
| ▸ AC/DC | 90-264 VAC |
| ▸ Frequency | 47-63 Hz |
| ▸ ATX Power Supply | 180 W |
| ▸ Operating temperature | 0°C-40°C |
| ▸ Storage temperature | -20°C-80°C |
| ▸ Humidity | 10%-90% non-condensing |
| ▸ Regulatory | FCC/CE certified |

## 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 20,000 networks in more than 60 countries. Astaro's products are distributed by a worldwide network of solutions partners who offer local support and services.

**www.astaro.com**

**Americas**
Astaro Corporation
3 New England Executive Park
Burlington, MA 01803, USA
T: +1 781 272 8787
F: +1 781 272 8989
americas@astaro.com

Your Astaro Partner

**Europe, Middle East, Africa**
Astaro AG
Pfinztalstrasse 90
76227 Karlsruhe, Germany
T: +49 721 490 069 0
F: +49 721 490 069 55
emea@astaro.com

**Asia Pacific**
T: +49 721 490 069 0
F: +49 721 490 069 55
apac@astaro.com

PC MAGAZINE EDITORS' CHOICE

Editors' Choice recognition for Astaro Security Linux software