

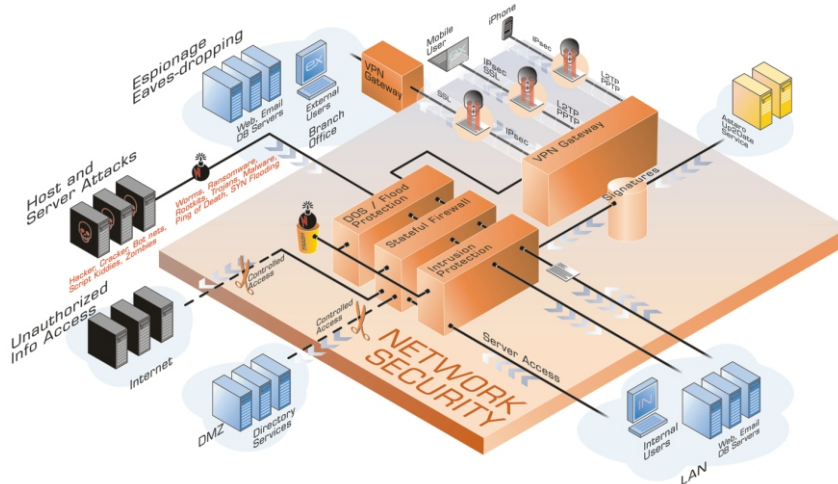
Astaro Security Gateway Network Security



To defend networks against the wide variety of Internet threats, organizations often purchase point products such as Intrusion Prevention Systems, VPN Gateways, and Firewalls. This not only requires the maintenance of multiple products, but users also need to be continuously assured that these products are fully integrated and operating together in order to effectively protect their network.

Astaro Security Gateway eliminates these issues, providing a single, easy-to-manage, unified network protection solution:

- ▶ **Control network access:** Use the latest deep packet inspection firewall techniques and oversee user access to specific information at configurable times.
- ▶ **Stop intruders:** Apply state-of-the-art Intrusion Prevention technology for in-depth filtering against over 8,000 attacks and zero-day threats.
- ▶ **Secure remote access:** Use SSL, IPSec, L2TP or PPTP protocols to create secure virtual private networks, connecting branch offices and granting remote access to external employees.
- ▶ **Optimize bandwidth management:** Guaranteed bandwidth for real-time applications such as VoIP and video conferencing.



A powerful suite of integrated tools

The Astaro Difference

- ▶ Only Astaro appliances are available in three different types: as hardware, software, and virtual appliances. Integration into existing infrastructures has never been easier.
- ▶ Nobody's faster: With Astaro's "10-Minute Setup" every installation is completed rapidly.
- ▶ Nobody's more flexible: Astaro's "One-Click Clustering" technology enables scalable performance and system stability with up to ten cluster nodes.
- ▶ Over 47,000 customers are already protecting their networks with an Astaro appliance.

Benefits

Comprehensive Security

- ▶ Deep packet inspection, protecting against even the most sophisticated threats
- ▶ Support for all popular VPN connection types
- ▶ Intelligent bandwidth management for time-critical applications such as VoIP
- ▶ State-of-the-art clustering technology for maximum scalability and reliability

Easy to Manage

- ▶ Browser-based graphical user interface allows for easy central administration
- ▶ Balance up to eight WAN links automatically or with crafted rules
- ▶ Setup wizards for installation tasks
- ▶ "One-click" VPN configuration via an interactive end-user portal
- ▶ Extensive reports provide detailed, at-a-glance information for all types of system data
- ▶ "Point and click" activation allows you to efficiently apply IPS group rules
- ▶ Continuously updated dashboard view allows you to view your network security status, live from anywhere in the world
- ▶ Zero-Configuration High Availability, just plug-in cables

Deployment

Astaro's Network Security functionality, available within the base license of Astaro Security Gateway provides deep packet inspection firewall, VPN, Intrusion Prevention, Traffic Management and QoS.

Automatic firmware and pattern updates are provided as part of Astaro's Up2Date Service with every maintenance contract.

An unmatched logging system coupled with detailed reports measures effectiveness.

Astaro Gateways are available as a hardware, software or virtual appliance. Each version provides an identical function range, allowing you to freely choose the platform that best fits your needs.

Use routed mode to have Astaro act as the gateway device, or deploy anywhere in the network using transparent bridging.

- ▶ **Astaro Hardware Appliances:** Performance optimized Unified Threat Management appliances.
- ▶ **Astaro Software Appliance:** Turn any PC into a security appliance, offering maximum deployment flexibility.
- ▶ **Astaro Virtual Appliance:** Ready-to-go, certified VMware Ready virtual machines help you in adopting virtualization



Astaro Hardware Appliances



Astaro Software & Virtual Appliances

Security Features - Details

- ▶ Stateful deep packet inspection filter firewall
- ▶ DoS, DDoS, Portscan, Worm, Botnet and Flood protection
- ▶ Over 8,000 Intrusion Prevention rules with update automatically in real-time
- ▶ Security proxies for HTTP, HTTPS, FTP, SMTP, POP3, DNS, SOCKS and SIP
- ▶ Site-to-site IPSec & SSL VPN
- ▶ Remote access: SSL, IPSec, L2TP over IPSec and PPTP
- ▶ Total iPhone VPN support
- ▶ Integrated user database, Active Directory, eDirectory, Radius, Tacacs+ and LDAP authentication
- ▶ WAN Link Balancing across multiple ISP connections
- ▶ Stateful VoIP support for H.323 and SIP
- ▶ Multicast Routing support
- ▶ Routing modes: static, policy, OSPF, NAT, PAT and bridging
- ▶ Time-based rules and policy-based routing
- ▶ Active/Passive (Hot Standby) and Active/Active (Clustering) HA, without the need of external load balancers
- ▶ Intelligent Web cache
- ▶ Export reports directly from WebAdmin in PDF or CSV
- ▶ Ethernet, DSL, cable, VLAN and PPP interface support
- ▶ Active Directory and eDirectory single sign-on
- ▶ Granular traffic shaping
- ▶ 802.3ad link aggregation
- ▶ Fully integrated PKI solution and external Certificate Authorities support
- ▶ Included reports provide extensive information about network traffic, resource utilization, current system status, detected intrusions and much more
- ▶ Intuitive, browser-based GUI using AJAX controls allows drag-and-drop functionality and management without page-refreshes
- ▶ Private SNMP MIB
- ▶ Automatic real-time update of firmware and attack patterns
- ▶ Self-managed download of VPN client packages (including software, configuration files, keys and certificates) through the UserPortal
- ▶ Customizable end-user messages
- ▶ Daily, monthly, and weekly executive reports via mailing lists in PDF format or html
- ▶ No interfaces, policies, schedules, tunnels or connections limits
- ▶ Incoming server load balancing with dead-peer-detection and session persistence

Contact Astaro

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

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