



## NETWORK SECURITY ASTARO SECURITY GATEWAY

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.

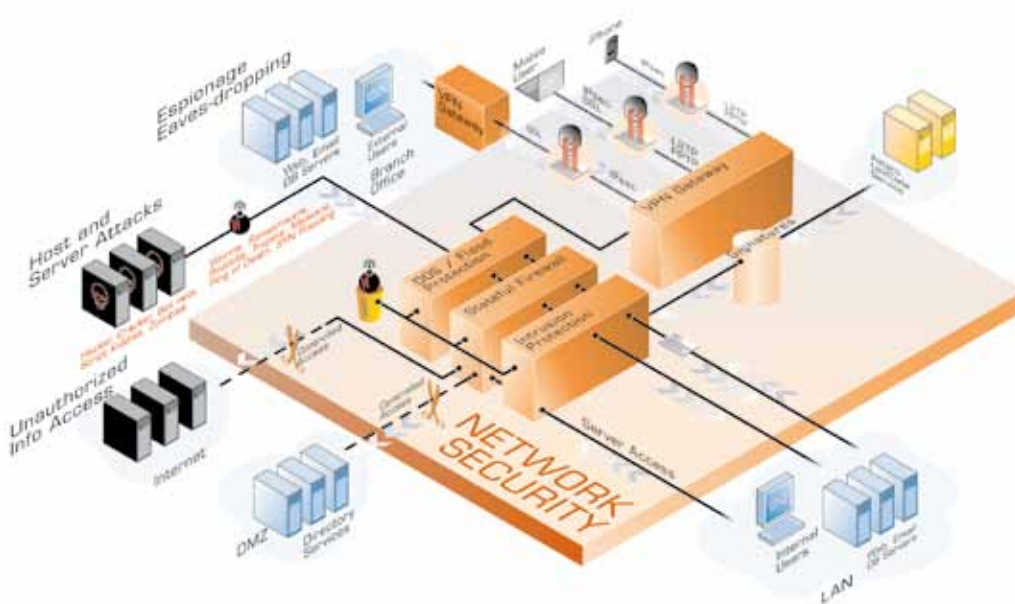
### Benefits

#### Comprehensive Security

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

#### Easy to Manage

- > Browser-based graphical user interface allows for easy central administration
- > "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 to view live your network security status
- > Zero-Configuration High Availability, just plug-in cables



A powerful suite of integrated tools



## 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. That way,

the gateway is always kept up-to-date with the latest product improvements and virus patterns.

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

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:



### Astaro Hardware Appliance:

Performance optimized plug-and-play solution.



### 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.

## Security Features - Details

- > Stateful deep packet inspection filter firewall
- > DoS, DDoS, Portscan, Worm, Botnet and Flood protection
- > Over 8,000 Intrusion Prevention rules that 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
- > 802.3ad Link Aggregation
- > 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
- > Private SNMP MIB
- > 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
- > Browser-based GUI using AJAX controls allows drag-and-drop management without page-refreshes
- > 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 limits for interfaces, policies, schedules, tunnels or connections
- > Incoming server load balancing with dead-peer-detection and session persistence
- > Setup wizard and online help

## Contact

Request your free trial of the Astaro Security Gateway at [www.astaro.com/freetrial](http://www.astaro.com/freetrial).

## Your Solution Partner

