# astaro
internet security

Astaro Security Gateway
Network Protection

To defend networks against the wide variety of Internet threats, organizations often employ point products such as IPS systems, VPN routers and firewalls. This not only requires the maintenence of multiple products, but users also need to be continuously assured that these products are fully integrated 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 certain times.

‣ **Stop intruders:** Apply state-of-the art intrusion prevention technology for in-depth filtering against more than 6,000 attacks and zero-day attacks.

‣ **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.
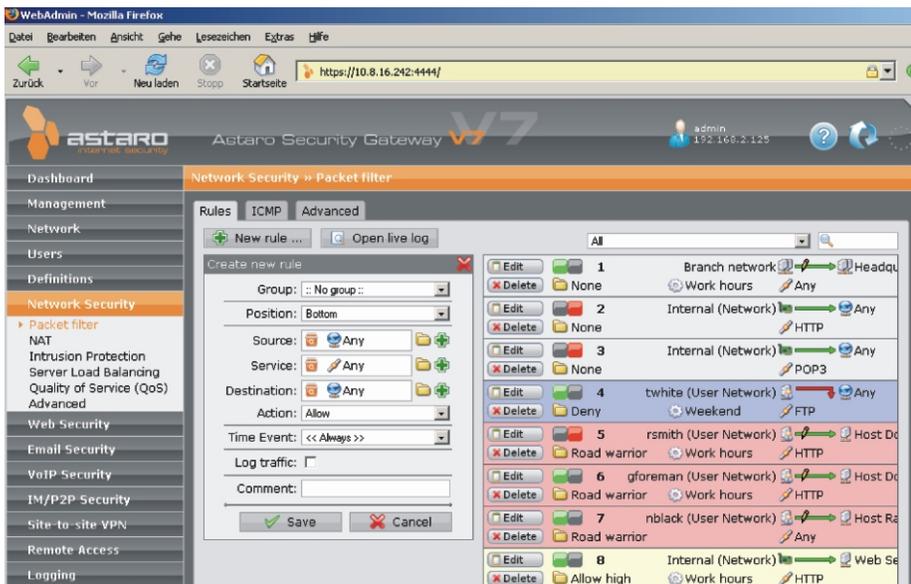
Benefits

Comprehensive Security

‣ Deep packet inspection, protecting against even the most sophisticted 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 convenient central administration

‣ Set-up wizards for easy installation

‣ Simple 'one-click' VPN configuration via an interactive end user portal

‣ Extensive reports provide detailed, at-a-glance information for all types of system data

‣ Efficiently apply IPS group rules via simple 'point and click' activation

‣ View your network security status, live from anywhere in the world, with our continuously updated dashboard views

‣ Zero-Configuration High Availability

About Astaro

Astaro is a leading provider of Internet security appliances. The Astaro Security Gateway, simplifying Email, Web & Network Security, has won numerous industry awards and is protecting over 30,000 networks in 60 countries. Astaro products are distributed by a worldwide network of more than 1,000 solution partners who offer local support and services. Astaro AG is headquartered in Karlsruhe, Germany and Burlington, USA.

Deployment

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

Astaro Security Gateway is available as a hardware, software or virtual appliance. Each version provides an identical function range, allowing you to freely choose

your preferred deployment type:

‣ **Astaro Hardware Appliances:** Performance-optimised networking equipment that enables you to "plug an play".

‣ **Astaro Software Appliance:** Quickly turns any PC into a security appliance, offering maximum deployment flexibility.

‣ **Astaro Virtual Appliance:** Ready-to-go virtual machines for VMware environments, helping you to consolidate your IT infrastructure.

Automatic firmware and pattern updates are provided via Astaro's Up2date service, included as part of every maintenance contract.

Astaro Hardware Appliances

Astaro Software Appliance

Technical Specifications

‣ Stateful deep packet inspection filter firewall

‣ DoS, DDoS, Portscan, Worm, Botnet and Flood protection

‣ Security proxies for HTTP, FTP, SMTP, POP3, DNS, SOCKS and SIP. Ability to run in transparent mode

‣ Site-to-site IPSec VPN

‣ Remote access: SSL, IPSec, L2TP over IPSec and PPTP

‣ Integrated user database, Active Directory, eDirectory, Radius, Tacacs+ and LDAP authentication

‣ Over 6,000 IPS rules with automatic real-time signature updates

‣ Stateful VoIP support for H.323 and SIP

‣ Routing modes: static, policy, OSPF, NAT, PAT and bridging

‣ Time-based rules and policy-based routing

‣ Server load balancing

‣ Active/Passive (Hot StandBy) and Active/Active (Clustering) HA, without the need of load balancers

‣ Zero-Configuration High Availability with full state and data synchronisation

‣ Ethernet, DSL, cable, 802.1q VLAN and PPP interface support

‣ Integrated graphical reports provide extensive information about network traffic, resource utilisation, current system status, detected intrusions and much more

‣ Automatic real-time update of firmware and attack patterns

‣ Active Directory and eDirectory single sign on

‣ End user messages are fully customisable

‣ Daily executive reports available

‣ Fully integrated PKI solution and external Certificate Authorities support

‣ 802.3ad link aggregation

‣ Transparent web proxy cache enables faster response times, even with low speed Internet uplinks

‣ Efficient download of VPN client packages, (including software, configuration files, keys and certificates) through the end-user portal

‣ In and outbound traffic shaping

‣ No limitations for the user interface, policies, schedules, tunnels or connections

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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