

Protect your network from hacker and virus attacks!



**Invest in the safety of your network *now...*
- before it's too late.**

Your firewall solution: Astaro Security Linux

The Internet has introduced productive new ways of doing business, but it has also introduced new kinds of dangers. Hacker and virus attacks can strike at any time and cause enormous damage and costs.

Now there's **Astaro Security Linux™**, a complete, powerful firewall solution for fast and secure protection of your network against hackers, viruses and all other dangers originating from the use of the Internet. Easy-to-administer **Astaro Security Linux** contains:

- **Network Firewall (Stateful Packet Inspection, NAT)**
- **Application Firewall (Proxies, Content Filter, Virus Protection)**
- **VPN Gateway (IPSec, 3DES, Authentication)**
- **Up2Date Service, Remote Management, Reporting**



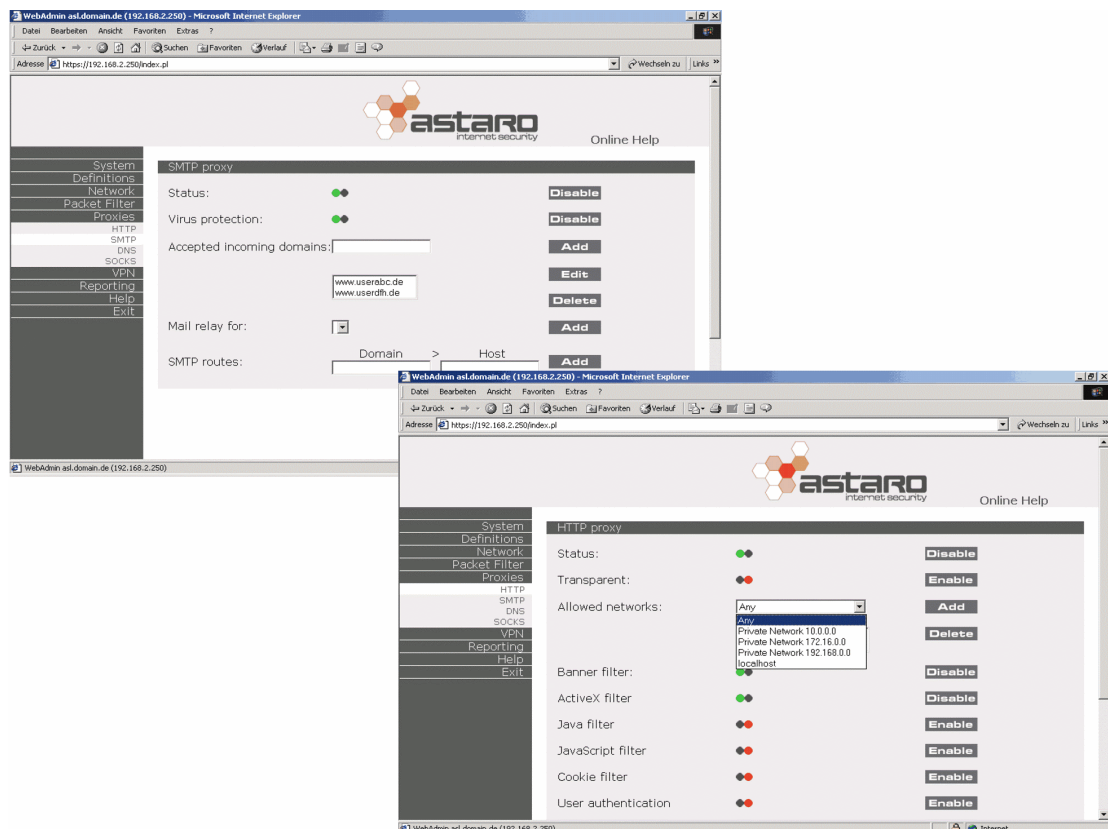
Combines best of network and application firewalls

Astaro Security Linux combines the advantages of packet filters and proxy firewalls, ensuring the highest standard of security.

- The dynamic packet filter examines data packages by initial, target address, and port, blocking unwanted data traffic easily and efficiently.
- Proxies filter data packages on the application layer, enabling them to recognize the contents of the data, then either accept or block the data packages as appropriate.

Provides security between local networks

Astaro Security Linux allows the subdivision of networks into separate, independent network segments by connecting them to different network cards. This design ensures the highest security level between different local networks. **Astaro Security Linux** supports up to 100 network cards. With this flexibility and the ability to scale, it's also ideal for complex firewall and WAN scenarios.



WebAdmin™ makes management easy

Astaro Security Linux speeds and simplifies the firewall administration through WebAdmin™, an intuitive, easy-to-use graphical user interface. WebAdmin can be opened in any Internet browser, enabling administration of the firewall via the Internet. The Up2Date™ security service automatically transfers patches against new virus types and security gaps into the firewall. Firewall, content filter, and VPN are all administered over a single common path, making **Astaro Security Linux** exceptionally secure and easy to use.

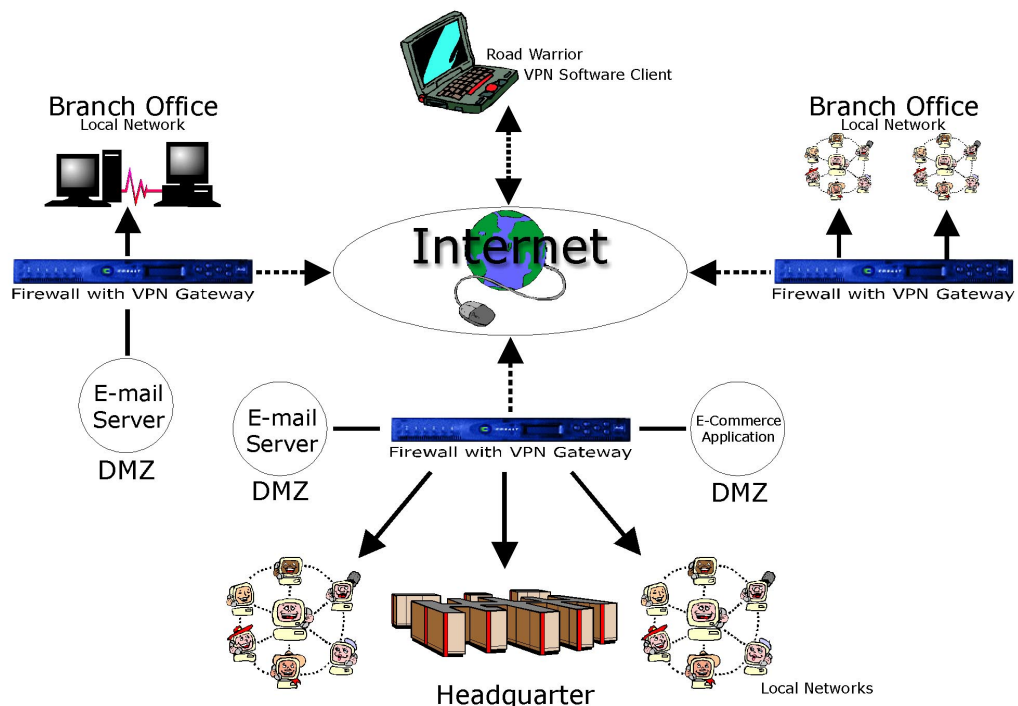
Filters Internet content

Astaro Security Linux uses proxies to filter Internet content, protecting against virus attacks, e-mail worms, dangerous ActiveX Controls or Javascript, and unwanted web content such as ad banners. Virus protection gets top priority through a high-performance, ICSA-tested, antivirus engine, which checks both incoming and outgoing e-mail for viruses in real time.

VPN gateway to protect private networks

Independent from the application in use, **Astaro Security Linux** can help to build a virtual private network and completely encode all data traffic between branch offices, road warriors and customers. To ensure interoperability with products of other vendors, industry-standard IPSec is used as a protocol. **Astaro Security Linux** lets you create this protocol with a few mouse-clicks by using the secure 3DES for encoding.

Astaro Security Linux VPN example configuration



Supports authentication

To increase the level of security, user identity can be verified before access to Internet services is permitted. **Astaro Security Linux** supports authentication at a local user database as well as at external user databases, like Windows 2000 or Radius server.

Open Source Software provides security and stability

Astaro Security Linux uses well-known, expert-endorsed Open Source Software, such as the Linux kernel, firewall components, and the Apache Web server. This software has been used millions of times worldwide and has gained market leadership for its security and stability.



Astaro Security Linux

Technical Specifications:

Packet Filter

Dynamic stateful packet inspection
Portscan detection module

Virtual Private Networks (VPN)

IPSec with 3DES encryption and SHA1 authentication
IKE or PSK key management

Application Gateways (Proxies)

HTTP (filtering, caching), HTTPS, SMTP (virus protection, filtering), DNS,
and SOCKS 4.0/5.0 (FTP, RealAudio, video conferencing, VoIP, etc.)

User Authentication

Local database, Radius, Windows NT/2000

Networking

Source and Destination NAT, port mapping, masquerading, up to 40
Ethernet interfaces per firewall

Performance

PC with 600 Mhz CPU: up to 40000 concurrent connections, 400 Mbit/s
firewall throughput (Gigabit Ethernet environment), 15 Mbit/s VPN
throughput

Recommended Hardware

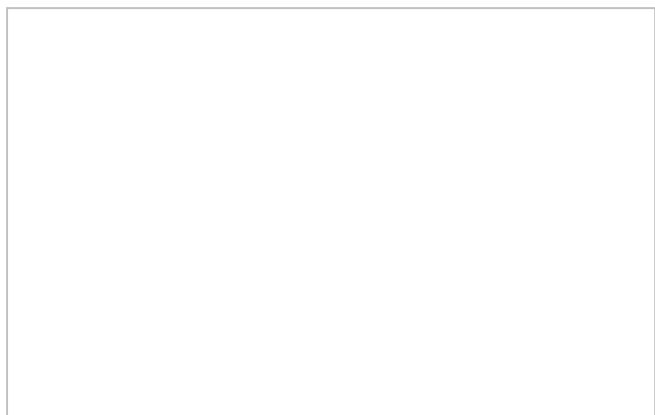
400 MHz CPU, 128 MB RAM, 8 GB IDE Hard Drive, IDE CD-ROM Drive,
minimum 2 PCI NICs (Ethernet, Fast Ethernet or Gigabit Ethernet)

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