



Firewall & VPN Appliance

## GeNUScreen



### Definition:

The Firewall & VPN Appliance GeNUScreen features a stateful packet filter and a VPN gateway to defend your network against threats from the Internet. In addition, sensitive systems in large company networks need extra protection. The GeNUScreen firewall was developed for exactly these requirements. Furthermore, this solution allows the easy and efficient implementation of secure and high-performance VPN tunnels.

Easy integration: GeNUScreen completely preserves the existing network structure. The bridging mode permits insertion of the solution in the network where areas need extra protection without changing a single IP address.

### Typical Use:

- Safeguarding the internal LAN against unauthorized access from outside (e.g. Internet)
- Structuring an intranet in such a way as to establish domains with different protection schemes
- Safe data transfer through high-performance VPN tunnels

### Throughput Volume:

- Up to 2.740 Mbit/s (scalable through clustering)

### Reasons to Choose GeNUScreen:

- BSI\* certification to CC EAL 4+
- BSI\* approval for the encrypted transfer of classified data of the German level RESTRICTED
- Easy integration via the bridging function
- Packet filter with stateful tracking, DOS protection, spoofing protection and filtering on the basis of TCP flags
- Setup of high-performance VPN tunnels with reliable encryption
- Fully IPv6 capable
- Bandwidth management with ALTQ (Alternative Queuing) for reliable performance of preferred protocols
- High availability and user-defined throughput volume using clusters
- User-friendly GUI-based administration
- Central management of numerous solutions

### Service:

- Customer service directly from the manufacturer
- Security system management
- Hotline service / update service
- Free hardware support for three years from date of purchase
- Comprehensive training courses

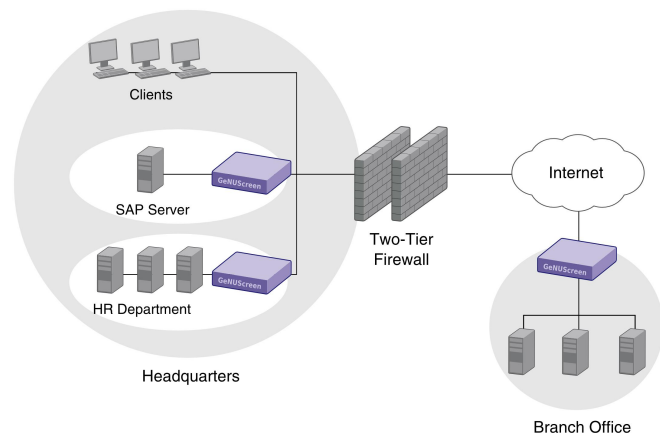
### Reasons to Choose GeNUA:

- Leading German specialist for IT security
- Founded in 1992 – implementation of numerous major projects for industrial, government, and military organizations

\* German Federal Office for Information Security (BSI)

### Application Example

Users of company networks frequently have excessive authorizations and permissions. To enhance the internal security, the LAN should be separated into individual zones. The GeNUScreen firewall provides all necessary features for network protection.



Network segmentation with the GeNUScreen firewall

In the illustration above, an SAP server, HR department data and a branch office are separated from the internal LAN using GeNUScreen firewalls. Clients from the internal LAN no longer have access to data of others departments.

The branch office network also is physically separated, and its users have only access to LAN areas of the headquarters that are explicitly allowed.

GS-WP-1110-4-E

### Contact

GeNUA  
Gesellschaft für Netzwerk- und Unix-Administration mbH  
Domagkstrasse 7, 85551 Kirchheim, Germany  
phone +49 89 991950-902, fax +49 89 991950-999  
info@genua.eu  
www.genua.eu