

GPO 75 Small Appliance

Office-Serie

Fully functional firewall and VPN solution with the unique eGUI[®] technology

The GPO 75 is the perfect entry-level solution for small companies with up to 10 employees and for connecting off-site offices, branches or home workstations into a VPN. The appliance is a fully functional firewall with the same basic functions as the larger gateProtect xUTM appliances.

Like all the large gateProtect solutions, the GPO 75 includes the new eGUI[®] technology and can also be operated and configured with the Command Center. You will be the owner of a high-end firewall and VPN solution with unlimited gateProtect VPN clients.



Features

Firewall

- _ Layer function
- _ Single Sign-On (xUA)
- _ Packet filter
- _ NAT
- _ DHCP Server
- _ DMZ
- _ Bridging
- _ VLAN

* dependent from activated Proxys, IDS, Application Level & number of active vpn connections

eGUI[®]-Technology

The new eGUI[®] technology from gateProtect is remarkable for its ergonomic approach to the processing operation. The display, even of sometimes very different applications, is always consistent and delivers the information required by the user for the current operation only. A measure of the quality of the gateProtect operator concept are the principles governing the design of software dialogue, as formulated in ISO 9241, part 110.

Extended User Authentication

Most modern firewall systems support proxy-based user authentication. This means that only those services which work with proxies such as HTTP or FTP can be issued to specific users. The gateProtect firewall has rule-based Extended User Authentication. This allows any number of services to be assigned individually to one user or a group of users. If a user logs on to the firewall from a computer, all the assigned services for the computer in question are enabled.

1. Web browser/UA Client:
logon is via an HTTPs connection.

2. Single sign-on:
Kerberos automatically passes the log-on to the domain to the firewall.
- 3.

VPN Gateway (SSL with X.509 Certificates + IPSec)

gateProtect offers the most commonly used forms of current site-to-site and Road Warrior VPN connections via IPSec and SSL. Wizards and the eGUI[®] technology help with the management and set up of these connections. In addition, the firewall generates external configuration files when the VPN connections are created. These files can be used for setting up single click connections and also for site-to-site connections when importing on the firewall at a remote site.

Furthermore, gateProtect offers an IPSec and SSL site-to-site solution with X.509 certificates which can work in bridge mode as an option. For a normal bridge, two or more network cards are linked to form a logical network. gateProtect not only allows this for network cards but also for VPN-over-SSL connections. This makes it possible to treat remote computers as if they were in the local network.

HighEnd-Firewall Features

The gateProtect rule set offers a high level of protection against the transfer of unwanted data by forbidding any access through the firewall. Wanted data can only pass through the firewall after it has been configured. In this respect, gateProtect has introduced a number of functions which make it easier to create standard environments safely. These include single sign-on, xUA, DMZ, NAT, application level options; data traffic statistics and unpermitted access through the firewall are also recorded.

Quality of Service in the VPN tunnel

Another special feature of the gateProtect solution is the prioritisation of data packets in the VPN tunnel with QoS. This is important for time-critical applications where a delay would not be desirable. For example, gateProtect makes it possible to use VoIP via a VPN tunnel for interference-free telephone calls, irrespective of the utilisation of the tunnel for RDP or data download, for instance.

Bridging

Bridging makes it possible to introduce firewall functionality into an existing local network. The part of the network that requires protecting, for example the servers, are physically disconnected from the rest of the network and re-attached via a bridge on the firewall. Then access restrictions, proxies and virus scans can be set up between the physical networks. It is not necessary to make any changes to the networks themselves.

In addition to the local network cards, gateProtect also allows a VPN tunnel to be linked into a bridge. This special features makes it possible for the gateProtect firewall to create a logical network covering different locations on the Internet.

VLAN

A virtual LAN allows several logical networks to be operated in a single physical network. To do this, every data packet carries a flag on the basis of which it is assigned to a VLAN. The gateProtect xUTM appliance recognises this assignment. This means that rules can generated on the firewall for these virtual networks in exactly the same way as for normal networks. gateProtect relieves the administrator of any special management of these VLANS and improves efficiency.

Feature overview

Firewall technology

Firewall rules - timecontrolled
 Packet filter
 Bridging
 Stateful Inspection
 NTP-Server/-Client
 Masquerading
 DynDNS

WAN

Support for xDSL and ISDN
 Support for TCP, UDP, ICMP, GRE, ESP, AH protocols
 Support for virtual IP addresses
 Support for DynDNS
 QoS

eGUI®

Graphical Desktop (drag & drop)
 Layer function

Management

Graphical Client (Data encryption with 4096 Bit)
 User management (specific rights for special settings)
 Role based administration
 SSH-Support for CLI

Authentication/Authorisation

Active Directory (NT Domain)
 openLDAP + Kerberos
 Single Sign-On

Security features

DMZ
 DHCP Client & Server
 NAT-Support

VPN protocols

PPTP
 SSL/TLS over X.509
 IPSec over X.509/IKE
 NAT-T

External VPN Client (IPSec & SSL)

Performance

FW throughput

100 Mbps

VPN throughput

40 Mbps

eMails per diem

2.500

Concurrent connections

125.000

Hardware Specification

CPU

AMD (500 MHz)

Memory

256 MB

Hard disk

Flash 256 MB

Network interfaces

4 Ports

100 MBit: 4

1.000 MBit: 0

Dimensions DxWxH (mm)

152 x 245 x 36

Noises (db)

30

We do not offer an express or implied warranty for the correctness / up-to-dateness of the information contained here (which may be change at any time). Future products or functions will be made available at the appropriate time.

Rear view
GPO 75



©2008 gateProtect AG Germany. All rights reserved.

eGUI®