

FEATURE OVERVIEW

Next Generation UTM / Next Generation Firewall Appliances

The Next Generation UTM Appliances from gateprotect are characterized by optimal scalability, security and performance. Thanks to a unique and patented eGUI® Technology, gateprotect sets standards when it comes to the configuration of modern security systems.

gateprotect's eGUI® Technology raises operating security and efficiency to a previously unattained level. Furthermore, gateprotect is the only manufacturer worldwide to implement the ISO NORM 9241 standard. gateprotect was recently honored with the Frost & Sullivan Best Practices Award 2011.



"gateprotect provides UTM products that stand-out from the competition due to their ease-of-use and security effectiveness. The gateProtect ergonomic graphical user interface (eGUI) provides the most intuitive and effective visual UTM management interface available in the marketplace."

Frost & Sullivan, August 2011

Feature Specifications

MANAGEMENT

- Role based Firewall Administration
- SSH-CLI
- Desktop configuration saved / restored separately from backup
- Object oriented firewall configuration
- Direct Client Update function



Ergonomic Graphic User Interface

- ISO 9241 compliant
- Immediate visual feedback for each setting
- Self-explanatory functions
- Overview of all active services
- Overview of the whole network
- Layer and zoom function

USER AUTHENTICATION

- Active Directory / OpenLDAP support
- Local User database
- Web-interface authentication
- Windows-client authentication
- Single sign on with Kerberos
- Single- and Multi login
- Web Landing page

TRAFFIC SHAPING / QOS

- Multiple Internet connections separately shapeable
- All services separately shapeable
- Maximum and guaranteed bandwidth adjustable
- QoS with TOS-flags support
- QoS inside VPN connection support

HIGH AVAILABILITY

- Active-passive HA
- State synchronization
- Single and Multiple dedicated links support
- Stateful Failover

BACKUP & RECOVERY

- Small backup files
- Remote backup & restore
- Restore backup on installation
- Automatic and time based backups
- Automatic upload of backups on FTP- or SCP-Server
- USB Drive recovery option

LAN / WAN-SUPPORT

- Ethernet 10/100 MBits/s
- Gigabit and 10 Gigabit Ethernet*2
- SFP and SFP+ Fibre optics support*2
- MTU changeable (Ethernet/DSL)
- PPP-PAP, PPP-CHAP authentication
- Inactivity timeout / Forced disconnect time
- xDSL
- Multi WAN support
- WAN failover
- Loadbalancing
- Time controlled internet connections
- Manual and automatic DNS assignment
- Multiple dynDNS support
- Source based routing
- Routing protocols RIP, OSPF
- DHCP
- DMZ

VLAN

- 4094 VLAN per interface
- 802.1q ethernet header tagging
- Combinable with bridging

Bridge-mode

- OSI-Layer 2 firewall function
- Spanning tree (bridge-ID, port-cost)
- Unlimited interfaces per bridge
- Combinable with VPN-SSL

LOGS, REPORTS, STATISTICS

- Email Reporting
- Logging to multiple syslog-servers
- Logs in admin-client (with filter)
- Export to CSV-files
- IP and IP-group statistics
- Separate services
- Single user / groups
- TOP-lists (Surfcontrol)
- IDS- / Traffic-statistics
- Application Control traffic statistics
- Antivirus- / Antispam-statistics
- Defence statistics

MONITORING*

- System Info (CPU, HDD, RAM)
- Network (interfaces, routing, traffic, errors)
- Processes
- VPN
- User Authentication

SNMP

- SNMPv2c
- SNMP-traps
- HA*

UNIFIED THREAT MANAGEMENT*

Web-filter

- URL-Filter with safe search enforcement
- Content Filter
- Block rules up to user-level
- Black-/ White lists
- Import / Export of URL lists
- File Extension blocking
- Category based website-blocking
- Self definable categories
- Scan technology with online-database
- Intransparent HTTP-proxy support

Application Control

- Layer 7 Packet filter (DPI)
- Filter Applications instead of ports
- Detection & Control of Skype, Bittorrent and others as well as Web 2.0 Applications like Facebook

Antivirus

- Kaspersky Anti-Virus Engine
- Complete Protection from all malware
- HTTP, HTTPS
- FTP, POP3, SMTP
- Exceptions definable
- Manual and automatic updates

Antispam

- Scan-level adjustable
- Real-time Spam Detection
- GlobalView Cloud using Recurrent Pattern Detection (RPD)
- Mail Filter
 - Black- / White lists
 - Automatically reject/delete emails
 - AD Email address import

Intrusion Prevention

- Individual custom rules
- Security-level adjustable
- Rule groups selectable
- Exceptions definable
- Scanning of all interfaces
- DoS, portscan protection
- Malicious network packet protection

Proxies

- HTTP (transparent or intransparent)
- HTTPS
- Support for Radius server, AD server, local user database
- FTP, POP3, SMTP, SIP
- Time-controlled

VPN

- VPN wizard
- Certificate wizard
- Site-to-Site
- Client-to-Site (Road Warrior)
- PPTP
- Export to One-Click-Connection

X.509 certificates

- CRL
- OCSP
- Multi CA support
- Multi Host-cert support

IPSec

- Tunnel mode
- IKEv1, IKEv2
- PSK / Certificates
- DPD (Dead Peer Detection)
- NAT-T
- XAUTH, L2TP

SSL

- Routing mode VPN
- Bridge mode VPN
- TCP/UDP
- Specify WINS- and DNS-Servers

COMMAND CENTER

- Monitor & Active Configuration of 500+ firewalls
- Central Configuration and Monitoring of VPN Connections
- Single and group backup
- Plan automatic backup in groups
- Single and group update & licensing
- Create configuration templates and apply on multiple firewalls
- Certificate Authority
- Certificate based 4096 bit encrypted connections to the firewalls
- Display settings of all firewalls
- Role based User Management












* Not available in the GPO 100

*2 Only available in the GPZ series

TECHNICAL SPECIFICATIONS

Next Generation UTM / Next Generation Firewall Appliances

Next Generation UTM	GP0 100	GP0 150	GPA 300	GPA 500	GPX 650	GPX 850
     						
Interfaces						
GBE Ports	4	4	4	6	8	8
System Performance*						
Firewall throughput (Mbps)	1 000	1 700	1 900	2 100	6 000	7 500
VPN IPSec throughput (Mbps)	100	200	250	320	700	1 500
UTM throughput (Mbps)	-	100	180	300	450	1 000
IDS/IPS throughput (Mbps)	-	250	300	400	1 200	1 500
Concurrent Sessions	125 000	250 000	500 000	1 000 000	1 250 000	1 750 000
New Sessions per second	1 500	2 500	5 000	7 000	10 000	20 000
Dimensions						
H x W x D (mms)	43 x 165 x 106	42 x 210 x 210	44 x 426 x 238	44 x 426 x 238	44 x 426 x 365	44 x 426 x 365
Gross Weights (kgs)	1.7	2.9	3	3	6	6
Power						
Input Voltage (V)	AC 100-240	AC 100-240	AC 100-240	AC 100-240	AC 100-240	AC 100-240
Consumption (W) - full load	20	35	41	41	66	66
Environmental						
Operating Temperature (°C)	0 ~ 40	0 ~ 40	0 ~ 40	0 ~ 40	0 ~ 40	0 ~ 40
Storage Temperature (°C)	-10 ~ 70	-10 ~ 70	-10 ~ 70	-10 ~ 70	-10 ~ 70	-10 ~ 70
Relative Humidity (Non condensing)	20 ~ 90 %	20 ~ 90%	20 ~ 90%	20 ~ 90%	20 ~ 90%	20 ~ 90%

Next Generation Firewall	GPZ 1000	GPZ 2500	GPZ 5000
  			
Interfaces			
GBE Ports	10	18	18
SFP / SFP+ (Mini GBIC) Ports	4/0	4/0	4/2
Redundant - HDD (Raid)	Yes	Yes	Yes
Redundant - Power supply	Yes	Yes	Yes
VPN - Crypto acceleration	Yes	Yes	Yes
IPMI - Remote management	Yes	Yes	Yes
System Performance*			
Firewall throughput (Mbps)	7 500	10 000	20 000
VPN IPSec throughput (Mbps)	2 000	2 500	4 000
UTM throughput (Mbps)	1 000	1 500	2 500
IDS/IPS throughput (Mbps)	1 500	2 500	3 000
Concurrent Sessions	2 000 000	2 500 000	3 500 000
New Sessions per second	20 000	30 000	40 000
Dimensions			
H x W x D (mms)	88 x 430 x 633	88 x 430 x 633	88 x 430 x 633
Gross Weights (kgs)	18	18	18
Power			
Input Voltage (V)	AC 100-240	AC 100-240	AC 100-240
Consumption (W) - full load	85	120	120
Redundant Power Supply	yes	yes	yes
Environmental			
Operating Temperature (°C)	10 ~ 40	10 ~ 40	10 ~ 40
Storage Temperature (°C)	-40 ~ 65	-40 ~ 65	-40 ~ 65
Relative Humidity (Non condensing)	10 ~ 85%	10 ~ 85%	10 ~ 85%

* System performance depends on activated proxies, IDS, application level and number of active VPN connections. 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.