

UTM FIREWALLY NOVÉ GENERACE

Přehled funkcí

Gateprotect síťové a aplikační firewally nové generace, s podporou UTM a VPN disponují unikátním a patentovaným management rozhraním eGUI, které zákazníkům prokazatelně šetří čas i peníze. Jedná se o přehledné a intuitivní grafické rozhraní pro konfiguraci a správu jednotek, uživatelů a příslušných bezpečnostních pravidel.

eGUI zpřehledňuje a urychluje nastavení firewallů. Výrazně také minimalizuje možnost vzniku lidských chyb při konfiguraci, které u firewallů ostatních výrobců způsobují až 80% všech proniknutí do sítě.

V Evropě mezi nejvýznamnější zákazníky patří například Galileo Satellite Systems, TÜV Thüringen, E.ON, Mercedes Benz nebo Deutsche Bahn.



Feature Specifications

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

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 (bride-ID, port-cost)
- Unlimited interfaces per bridge
- Combinable with VPN-SSL

WLAN (optional)

- Dualband (2,4 GHz, 5 GHz)
- 802.11 b/g/n/a
- WPA, WPA2
- TKIP, CCMP
- hidden SSID
- MAC Filter (Black-, White-list)

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

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

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

MONITORING*

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

SNMP

- SNMPv2c
- SNMP-traps
- HA*

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

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

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

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








HIGH AVAILABILITY




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

* Not available in the GPO 100
*2 Only available in the GPZ series

UTM FIREWALLY NOVÉ GENERACE

Technické specifikace

Next Generation UTM	GPO 100	GPO 110	GPO 150	GPA 300	GPA 500	GPX 650	GPX 850
							
Interfaces							
GBE Ports	4	4	4	5	6	8	8
WLAN (optional)	Yes	Yes	Yes				
System Performance*							
Firewall throughput (Mbps)	1 000	1 000	1 700	1 900	2 100	6 000	7 500
VPN IPSec throughput (Mbps)	100	200	200	250	320	700	1 500
UTM throughput (Mbps)	-	100	100	180	300	450	1 000
IDS/IPS throughput (Mbps)	-	-	250	300	400	1 200	1 500
Concurrent Sessions	125 000	175 000	250 000	500 000	1 000 000	1 250 000	1 750 000
New Sessions per second	1 500	2 500	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	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	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	AC 100-240
Consumption (W) - full load	20	35	35	41	41	66	66
Environmental							
Operating Temperature (°C)	0 ~ 40	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	-10 ~ 70
Relative Humidity (Non condensing)	20 ~ 90 %	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%