

## GPX 850 - Next Generation UTM Appliance

The gateprotect GPX 850 Next Generation UTM appliance is most suitable for the use in medium-sized companies or large departments of company groups that value a high level of security, availability and performance. The extensive combination of defense mechanisms in the areas of anti-virus, Intrusion Prevention, web filter and Application Control provides for quick and reliable protection against threats from the Internet. The eight network interfaces enable the physical separation of individual divisions of a company and thus help to protect the network even from internal threats. Furthermore, special emphasis has been put on the availability and performance of the networks to be protected. Failover connections and possibilities of distributing loads by means of Traffic Shaping and Quality of Service as well as High Availability are part of this solution. Thanks to the patented eGUI technology, the GPX 850 may be administered quickly and easily. The result: A maximum of security, reliability and performance.

The latest hardware has been designed for mounting in server cabinets and is especially powerful and stable thanks to the consequent use of high-quality server components. Thus, comprehensive UTM security combined with top performance is assured even in larger networks.

For the interconnection of locations and the integration of individual external branches via VPN, the GPX 850 is optimally equipped. Stability, flexible possibilities of use and a performance above average are making the GPX 850 the optimal solution for companies that wish to protect their network environments in a reliable manner, but also at a favorable price.



Security  
made  
in  
Germany

### Specifications

### GPX 850

#### Interfaces

1 GbE Ports	8xRJ45 (front)
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#### System Performance\*

Firewall throughput (MBit/s)	7 500
VPN IPSec throughput (MBit/s)	1 500
UTM throughput (MBit/s)	1 000
IPS throughput (MBit/s)	1 500

#### Dimensions

H x W x D (mm)	44 x 426 x 365
Gross Weights (kg)	6

#### Power

Input Voltage (V)	AC 100-240
Full load power consumption (W)	66 W

#### Environmental

Operating Temperature (°C)	0 ~ 40
Storage Temperature (°C)	-10 ~ 70
Relative Humidity (Non condensing)	20 ~ 90%

#### Hardware Certification



\* System performance depends on 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 changed at any time). Future products or functions will be made available at appropriate time.

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## FEATURE OVERVIEW

### Next Generation UTM 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 Ethernet
- 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

### 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

### VPN

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

### X.509 certificates

- CRL
- OSCP
- 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

### 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

### 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

