

# SecuriGateway

## - VPN system for secure IP communications

SecuriGateway is a dedicated and comprehensive VPN system which provides government and corporate organizations with secure communications over untrusted networks. By using encrypted tunnels to secure interconnected private networks, the benefits of IP-based networks can be effectively reaped.

SecuriGateway is installed between LAN networks and a router or between an individual host and the rest of a network. Confidential information is protected through powerful 256-bit AES encryption or customised algorithm. The entire encryption process is transparent for end-users.

The appliance has NAT traversal functionality which allows compatibility with intervening devices that perform Network Address Translation (NAT). Traffic in the VPN tunnels can be restricted using IP filters and it is possible to have traffic encrypted multiple times to be able to pass through multiple layers of VPN gateways.

SecuriGateway is based on IPSEC standards and supports digital certificates for automatic key exchange. The appliance is formally evaluated and certified according to Common Criteria at EAL4+.

SecuriGateway's streamlined design ranging from small embedded hardware to large redundant servers making it a very scalable solution is well suited for large distributed organizations with a need for high security.

Remote administration in the user-friendly management system is enabled using a standard web browser. Automatic secure update capability over the network allows for easy and dynamic maintenance of the entire system. The centralized management system provides you with the opportunity to effectively manage large groups of SecuriGateway units.



*Rack model*



*Desktop model*



*Micro model*

### Key Features

- Provides secure communications over IP-based networks
- Encryption using 256-bit AES or customised algorithms
- Supports up to 500 concurrent encrypted tunnels
- Performance up to 1 Gbit/s depending on hardware platform
- Enables multiple layers of tunneling
- Can create tunnels at OSI-layer 3 (IP) or OSI-Layer 2 (Ethernet)
- Manual keying or automatic key exchange via RSA certificates
- Evaluated and certified according to Common Criteria EAL4+
- User-friendly management and monitoring with remote capabilities
- Automatic secure update capability over the network
- Built in failover functionality for high availability configurations
- User friendly, easy maintenance and low cost of ownership
- Approved to protect EU-restricted information in Sweden (specific version)
- Made in Sweden

# Technical specification - SecuriGateway

## Desktop model:

### D200

- 1.8 GHz Intel Atom D525
- 1 GB RAM
- 32 GB SSD
- 4 Ethernet ports
- Fanless
- USB for configuration and certificate import/export
- Max VPN performance: 113 Mbit/s bidirectional (max TCP performance 315 Mbit/s)
- Dimensions: 50 x 240 x 124 mm
- Rack mount kit available (1U)



### M9690

- 1 GHz Celeron M
- 1 GB RAM
- 2 GB Flash
- 3 Ethernet ports
- USB for configuration and certificate import/export
- Dimensions: 6.6 x 44 x 40 cm (1.5HU)
- Performance VPN 40 Mbit/s
- Operating temperature (CF) -20C up to +55C
- Weight 6 kg
- Power 28VDC (18-36VDC)
- Enclosure IP54
- Designed to fulfil MIL-STD-1275, MIL-STD-461/462 C/D, DEF-STAN-59-41, MIL-STD-810, EN 61000-4-2 lev 4, EN 61000-4-3 lev 3, EN 61000-4-5 lev 1, EN-61000-4-6 lev 2, EN61000-4-8 lev 3, EN 55022 B, IEC 68-2-6, IEC-68-2-29, IEC 68-2-31, IEC 68-2-32, DEF-SRD-61-5 part 6



## Rack model:

### R100

- 2.66 GHz Intel Xeon 3350 QuadCore
- 1 GB RAM
- 80 GB SATA
- 4 Gigabit Ethernet ports
- USB for configuration and certificate import/export
- Max VPN performance: 227 Mbit/s
- Dimensions: 1U (44 mm), 19", depth 370 mm



### H150

- 2.13 GHz Intel Xeon E5506
- 6 GB RAM
- 160 GB SSD
- 4 Gigabit Ethernet ports
- Dual power supplies
- USB for configuration and certificate import/export
- Max VPN performance: up to 250 Mbit/s
- Dimensions: 1U (44 mm), 19", depth 510 mm

### H150-HP

- 2 x 2.93 GHz Intel Xeon 5670 six-core HT
- 48 GB RAM
- 160 GB SSD
- 4 Gigabit Ethernet ports
- Dual power supplies
- USB for configuration and certificate import/export
- Max VPN performance: up to 1 Gbit/s
- Dimensions: 1U (44 mm), 19", depth 510 mm

## Micro model:

### A100

- Also known as the "Executive version" the A100-model is made from exclusive materials such as aluminium and carbon fibre.
- Performance up to 2.5 Mbit/s
- Dimensions: 135 x 34 x 24 mm
- 2 ethernet interfaces
- Power over USB-cable (included) or via separate power supply (also included)



### A200

- The A200 is an ultra light portable VPN-crypto. It can be powered via a built-in USB-cable or an external power supply.
- Performance up to 4.5 Mbit/s
- Dimensions: 105 x 50 x 23 mm
- 2 ethernet interfaces
- Power over built-in USB-cable (included) or via separate power supply (also included)
- LED status indicators



These products are developed by the Swedish manufacturer Tutus AB and they are available in Sweden under the name Färist. Business Security AB is the sole distributor for the products outside Sweden.



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