



NIS2

Security Appliance

The Gantner Security Appliance is a high-performance firewall and routing platform built on state-of-the-art hardware and powered by OPNsense, the world's leading open-source firewall solution. Engineered specifically for the demanding needs of utility energy businesses, it combines enterprise-grade security, advanced networking features, and unmatched reliability to protect critical infrastructure.

It provides a comprehensive suite of security and networking features—firewall, VPN, routing, DHCP, DNS, IDS/IPS, high availability, and traffic management—combined with intuitive monitoring and reporting tools to ensure maximum protection and reliability for critical infrastructure.

Gantner Security Appliance is supported by an experienced team and regularly updated to address security vulnerabilities and introduce new features, ensuring continuous protection, optimal performance, and alignment with the latest industry standards and regulatory requirements.

NIS2 compliant

Stateful Firewall	✓
VPN (IPsec, WireGuard etc.)	✓
Segmentation (VLAN)	✓
Logging & Monitoring	✓
Hardware / Redundancy	✓
Threat Detection	✓
Regular updates	✓

What can Gantner Security Appliance do for business clients?

- **Network Security:** Gantner Security Appliance provides powerful firewall functionality, allowing businesses to monitor, control, and secure their traffic. This includes setting up traffic rules, identity and access control, and VPN support for secure connections between locations or remote employees.
- **VPN and Remote Access:** With Gantner Security Appliance, businesses can set up secure virtual private networks (VPNs) to establish secure connections between remote locations, home offices, and mobile employees. This enables secure access to corporate resources and applications from anywhere.
- **Intrusion Detection and Prevention (IDS/IPS):** Gantner Security Appliance offers advanced features for detecting and preventing network attacks by monitoring suspicious activities and responding to threats. Leveraging AI-powered threat detection from Zenarmor, it can identify both known and emerging threats in real time, helping businesses protect their networks from cyber-attacks and detect potential security breaches early on.
- **Routing and Network Management:** Gantner Security Appliance also functions as an advanced routing device, offering features such as load balancing, traffic shaping, and quality of service (QoS). This enables businesses to efficiently manage their network traffic and optimize network performance.
- **User-Friendly and Flexible:** Gantner Security Appliance provides a user-friendly web-based interface for configuration and management, as well as support for extensions and plugins to customize functionality as needed. This allows businesses to tailor Gantner Security Appliance to their specific requirements and scale it accordingly.

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Secure.bloxx 804

Technical Data

Hardware features:

Rackmount 19" 1U

Dimensions mm (W x D x H) 440 x 320 x 45

Redundancy Power Supply 230 VAC version (GI2408091) and 24 VDC version (GI2409086)

Intel Core I7 7700

32G RAM

512G SSD

8x Intel® 1GbE Ethernet-Controller

4x SFP+ 10GbE

Main functions:

Stateful firewall

NAT, NAT64 network address translation

802.1q support for VLANs

Dynamic DNS

NPTv6

Intrusion Detection System (IDS)

Intrusion Prevention System (IPS)

Virtual Private Network (VPN) WireGuard, OpenVPN, IPsec, L2TP, IKEv2, Tinc, PPTP

Mesh-VPN support (Tailscale, Zerotier)

AI-powered threat detection (via Zenarmor)

Antivirus (AV)

Traffic shaping and Quality of Service (QoS)

Captive portal for guest access management

High Availability (HA) / failover support

Monitoring and reporting dashboards

Packet capture (tcpdump)

Load balancing

Web filtering / URL filtering

Logging and alerting

FIPS-compliant cryptography

- AES-256 (Symmetric Encryption)
- SHA-2 Family (Hashing)

MFA support

- Multi-factor authentication (MFA)

TOTP: Time-based One-Time Password

Data sheet is preliminary and subject to change without notice Document date: 2026/02/13

