Clavister NetWall

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NetWall 6000 series

Clavister's latest addition to its line of Next Generation Firewalls with state-of-the-art SD-WAN capabilities



Highlights

- Easy-to-deploy & flexible SD-WAN hubs or spokes
- Fully enabled Next Generation Firewall feature-set
- SSL VPN to support secure remote working with Windows, macOS and iOS clients included
- Outstanding performance with up to 50 Gbps firewall performance and up to 15 Gbps SD-WAN performances
- Simple to deploy new firewalls using custom configuration templates with centralized management tool
- Included with cloud analytics tools to provide real-time troubleshooting and overview dashboards
- Unique CyberSecurity Score for simplified actionable security analytics
- Application Visibility & Control with high granularity and support for over 3000 unique applications
- Integrated Intrusion Detection/Protection System with real-time updates.
- Botnet and denial of service (Dos) protection through continuous updated IP Reputation feeds
- 8 x 1 GbE (RJ45), 2x 10 GbE (SFP+) on board and expandable with two expansion modules slots supporting configurations with up to 10x 10 GbE or 4 x 40 GbE + 2 x 10 GbE connectivity
- PoE, 8x1 GbE (RJ45) Copper including External 54V PoE PSU
- Optional Dual Power Supply Support – AC standard, DC as option

Clavister NetWall 6000 series offers best-in-class price-performance, highly scalable and easy-to-deploy appliance with Secure SD-WAN features.

Clavister's NetWall 6000 series offers next-generation firewall (NGFW) capabilities for SMBs to mid-sized enterprises, ideal for datacentres, headquarters (HQ) and distributed office deployments designed to prevent cyber-attacks, reduce complexity, and lower your costs.

Clavister NetWall 6000 series architecture is engineered to deliver enhanced network visibility, protection, and performance to help IT managers and system administrators to address some of the greatest challenges facing networks today. These NGFWs address growing breaches and protects against emerging threats with proven Secure SD-WAN in a simple, affordable, and flexible to deploy appliance.



The release of NetWall 6000 series expands Clavister's security ability to deliver enhanced security capabilities across SD-WAN and NGFW solutions, suitable for public sector deployments.

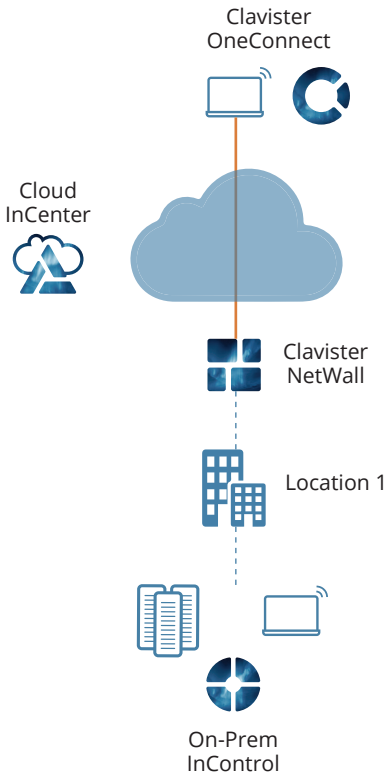
Solution Deployment Scenario

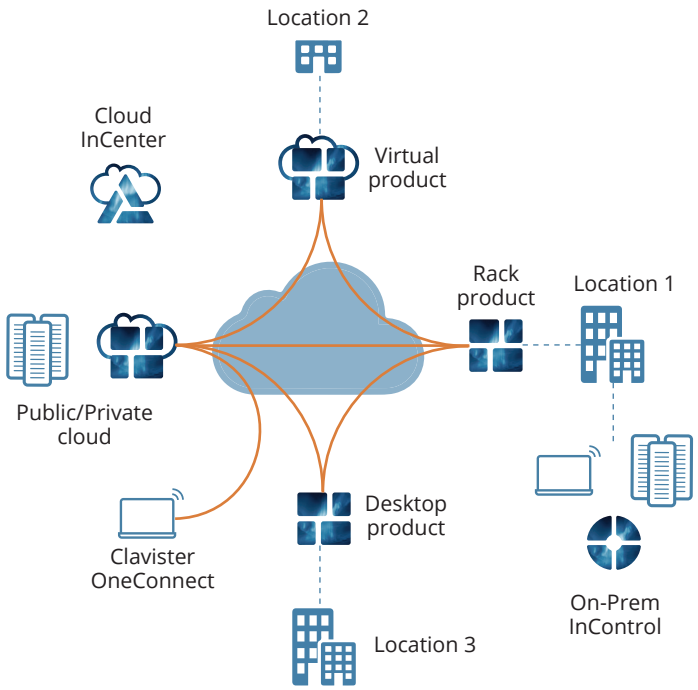
Next Generation Firewall (NGFW)

- Reduce the complexity and maximize your ROI by integrating threat protection security capabilities into a single high-performance network security appliance
- Empowered by Clavister's eco-system, it provides full visibility into users, devices, applications across the entire attack surface and consistent security policy enforcement
- Protect against network exploitable vulnerabilities with industry validated IPS (Intrusion Prevention System) that offers low latency and optimized network performance
- Fully scalable to support rise in encrypted traffic

Secure SD-WAN

- Ideal as SD-WAN hub or spoke with simplified deployment and maintenance routines, while saving cost at the same time
- Dual WAN link, route failover and traffic prioritization and shaping use-cases with application detection supporting over 3000 unique apps
- Strong security posture with integrated security capabilities and real-time threat protection
- Centralized management with auto-provisioning, analytics, and reporting to reduce day-to-day management, increase productivity and scale your security without scaling your team at no extra cost





Security Use Cases

Connect	
	**Reliable Secure VPN** Connecting branch offices and remote locations securely and cost effectively
	**Routing & Load Balancing** Avoid downtime and secure business continuity with redundancy
	**Secure Network Zones** Network segmentation to protect company's digital assets
	**Server Load Balancing** Simplifying scaling and allowing preventive maintenance
	**Secure Remote Access** Empowering remote workers and devices with flexible secure access
Protect	
	**Firewalling** Network Firewalling securing IT resources and users
	**Network Attack Protection** Intrusion detection and prevention system and Denial of Service protection
	**Encrypted Traffic Inspection** SSL Inspection to look inside untrusted secure traffic
	**Antivirus Scanning** Streaming scanning of attachments in mail, web and file downloads for malicious content
Prevent	
	**Active Traffic Optimisation** Traffic prioritisation securing preferred use of resources
	**Captive Portal Authentication** Integration with Active Directory and 2FA procedures for open network access
	**Botnet Blocking** Block outgoing and incoming traffic through IP reputation
	**Web Content Filtering** Restrict access to inappropriate content and high risk sites
	**Application Visibility & Control** Control applications and user behaviour to optimize network resource usage

Products & Services included	
	Hardware replacement Traffic prioritisation securing preferred use of resources
	24/7 Support (online & by phone) Integration with Active Directory and 2FA procedures for open network access
	Centralized management with Clavister InControl
	Clavister OneConnect SSL VPN Client for Windows and macOS
	Security analytics Analyze your security thoroughly with Clavister InCenter Cloud
	Software upgrades New features & maintenance releases
	InCenter on-premises Optional Clavister InCenter on-premises installation
	CyberSecurity Score For simplified actionable analytics
	Signature updates From eco system partners for all the protect and prevent use-cases

Clavister Security Eco-System

Clavister works with many of the world's leading technology companies to improve manageability, strengthen security and ensure faster and more successful deployments. Integrated into the Clavister Next Generation Firewall is an ecosystem with the best of breed components empowering key use-cases named in this paper. Feeds are updated in real-time through the Clavister provisioning network to ensure the latest signatures are deployed for optimal protection.

Read more at www.clavister.com/eco-system.

McAfee ENEA Bitdefender MAXMIND WEBROOT ContentKeeper

Security Subscriptions

Clavister delivers several security services to empower the NetWall 6000 platform. You can easily optimize the protection capabilities of your NetWall appliance with one of these security bundles.

	Essentials	Enhanced	Premium *
Basic Firewall Features	●	●	●
Application Control	●	●	●
Clavister InCenter Cloud	●	●	●
Device Inteligence	●	●	●
Antivirus		●	●
Web Content Filtering		●	●
IP Reputation		●	●
Clavister OneConnect		●	●
SD-WAN Features		●	●
NetEye License/Service			●
(NetEye VM for free, Hardware at cost)			●

* Only available för Rack-mounted NGFW models

* SSL inspection is only avaliable for the premium subscription.

Clavister NetWall 6000 Series Hardware Specifications

Feature	Specification
Ethernet Ports (on board)	8 x 1GbE (RJ45), 2x 10 GbE (SFP+)
No. Expansion Modules	Two (2)
Form-factor	1U, 19"
Dimensions (HxWxD)	44 mm x 438 mm x 508 mm (1.73 in x 17.24 in x 20.00 in)
Rack mountable	Yes
Power Supply - AC	100-240VAC, 50-60 Hz
Power Supply - DC	48VDC (optional)
Redundant Power Supplies	Yes (optional)
Hot-swappable Power Supplies	Yes

Technical Features	NetWall 6200	NetWall 6600	Note
IPv4 Firewall Throughput (1518 / 512 / 64 byte, UDP)	20 Gbps / 18 Gbps / 3 Gbps	50 Gbps / 18 Gbps / 3 Gbps	RFC 2544
New Sessions/Second (TCP)	300 000 connections/s	300 000 connections/s	
Concurrent Connections	5 000 000	8 000 000	
IPsec VPN Throughput (1420 / 512 / 64 byte, UDP)	5 Gbps / 5 Gbps / 0,6 Gbps	15 Gbps / 6 Gbps / 0,6 Gbps	With optional IPsec acceleration module
IPsec VPN Throughput (1420 / 512 / 64 byte, UDP)	1 Gbps / 0,8 Gbps / 0,2 Gbps	1 Gbps / 0,8 Gbps / 0,2 Gbps	Without optional module
Gateway-to-Gateway or Roaming IPsec VPN Tunnels	2500	5000	
VLANs	4096	4096	
Virtual Routes	250	500	

Clavister Expansion Modules



8 x 1 GbE RJ45 Copper



8 x 1 GbE RJ45 SFP

No transceivers included



PoE, 8 x 1 GbE RJ45 Copper

Including External 54V PoE PSU



4 x 10 GbE SFP+

No transceivers included



IPsec Accelerator &
4 x 10 GbE SFP+

No transceivers included



2 x 40 GbE QSFP

No tranceivers included

Clavister InControl

Central Management and Control

All Clavister appliances can be administered individ ually via a web interface, but a license to use the central management Clavister lnControl is included. The solution offer zero-touch deployment, simplified ways to provision and manage a Secure SD-WAN deployment and firmware upgrade management capacities.

Learn more at www.clavister.com/incontrol

Clavister InCenter Cloud

Real-Time Cloud Analytics

Clavister lnCenter enables IT administrators to gain insight into their networks. Clavister In Center provides all the user stories including forensics with log search, dash boarding, lerting and reporting as well as health monitor ing. A hosted version of Clavsiter lnCenter Cloud is included with each Security Subscription, and alternatively lnCenter is available for on-premises deployment as well.

Learn more at www.clavister.com/incenter

CyberSecurity Score A
Simplified Actionable Security Analytics

Simplified Actionable Security Analytics

Helping IT Managers and their executives to communicate about the status of their security infrastructure and ensures that funds and efforts are spent where they matter the most - this tool is included in Clavister lnCenter vailable to al l Clavister NetWall with a Security Subscription.

Learn more at www.clavister.com/cybersecurity-score

Clavister OneConnect

Simple Secure Remote Working

Clavister OneConnect is our SSL VPN windows, iOS/iPad OS and macOS client that offers a simple and easy to use solution for remote access and is included in Clavister's NetWall.

Learn more at www.clavister.com/oneconnect

SECURITY BY SWEDEN

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