NetWall 500 series

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

Clavister's NetWall 500 series offers next- generation firewall (NGFW) capabilities for SMBs to mid-sized enterprises, ideal for home or distributed office deployments designed to prevent cyber-attacks, reduce complexity, and lower your costs.

Clavister NetWall 500 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 industry- leading Secure SD-WAN in a simple, affordable, and flexible to deploy appliance.

Highlights

- Easy-to-deploy & flexible SD-WAN spokes

- Zero-Touch Provisioning

- Fully enabled Next Generation Firewall feature-set

- SSL VPN to support secure remote working with Windows, macOS and iOS clients included

- 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

The release of NetWall 500 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

Secure SD-WAN

- Ideal as SD-WAN 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
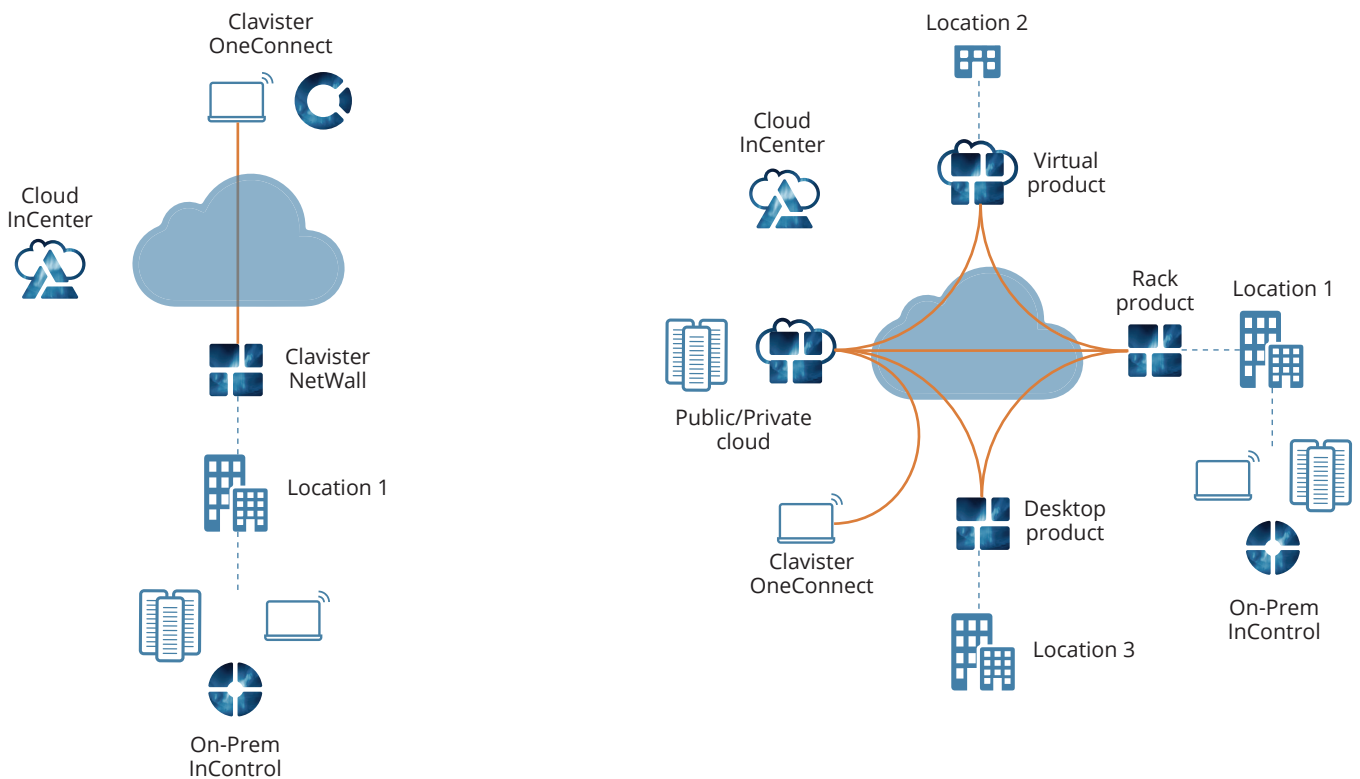
Security Use Cases

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

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.

Security Subscriptions

Clavister delivers several security services to empower the NetWall 500 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 500 Series Hardware Specifications

Feature	Specification
Ethernet Ports (on board)	6 x 1 GbE RJ45 + 2 x SPF+
Form-factor	Desktop
Dimensions (HxWxD)	44 mm x 251 mm x 250 mm
Rack mountable	No
Power Supply - AC	100-240VAC, 50-60 Hz
PoE+	Yes, enable PoE+ on two onboard RJ45 ports using optional PSU

Technical Features	NetWall 510	NetWall 550
IPv4 Firewall Throughput (1518 byte, UDP)	6 Gbps	12 Gbps
New Sessions/Second (TCP)	42 000 connections/s	42 000 connections/s
Concurrent Connections	500 000	1 000 000
IPsec VPN Throughput (1420 byte, UDP)	1000 Mbps	2000 Mbps
Gateway-to-Gateway or Roaming IPsec VPN Tunnels	500	1000
VLANs	256	512
Virtual Routes	20	50

Central Management and Control

All Clavister appliances can be administered individually via a web interface, but a license to use the central management Clavister InControl 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

Real-Time Cloud Analytics

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

Learn more at www.clavister.com/incenter

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 InCenter vailable to al l Clavister NetWall with a Security Subscription.

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

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

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SWEDEN

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CONNECT • PROTECT

Clavister AB, Sjögatan 6 J, SE-891 60 Örnsköldsvik, Sweden
Phone: +46 (0)660 29 92 00 • **Web:** www.clavister.com