



Clavister SG60 Series Product Sheet

Introducing Clavister SG60 Series

The Clavister SG60 Series is a set of turnkey, hardware-based, security products designed for remote offices that require excellent price/performance ratio, a clear upgrade path and easy-to-use features, including support for first-class Unified Threat Management (UTM) services. Based on the same award-winning technology found in all Clavister products, the Clavister SG60 Series is designed to maximize ease of use and performance at an attractive price point.

- Three + Eight 1GbE Interfaces
- Stateful Firewall
- Supports both IPv4 and IPv6
- Deep Packet Inspection
- Built-in VPN – IPsec and SSL
- Intrusion Detection & Prevention (IDP)
- Web Content Filtering
- Anti-Virus
- Anti-Spam
- SIP/VoIP Support
- Traffic Management
- User Authentication
- Server Load Balancing
- Route Load Balancing
- Centralized management

Remote Office challenges in a distributed enterprise

The distributed enterprises is a strategic and essential business imperative but the network and its applications may not have followed the speed of this development in regards to anywhere availability, security, and manageability of mission-critical applications. To address this the enterprises needs to have answers to the following challenges.

Connectivity

When the enterprises have become more distributed, the networks have followed and has also become more complex than ever before. Many locations do not have the bandwidth required to handle the usage of online and heavy applications that are being employed.

Security

The attacks against enterprises have become more sophisticated and are often targeted at the weakest link in the organization such as the remote offices. Due to the sophistication of today's attacks, they are often successful because they fall "between the cracks" of traditional point security products.

Manageability

The distributed organizations must respond quickly to competitive and market changes and therefor often has a patchwork of deployed technologies and management consoles that can not communicate with each other.

Total Cost of Ownership

Products that are being used in a distributed environment is often deployed to solve immediate requirements but they may not be chosen to control the cost efficiencies in the organisation. ROI is the common metric that is being used but other efficiencies that are more impactful are often neglected.

Clavister SG60 Series Highlights

Clavister CorePlus

At the heart of the Clavister SG60 Series, lays Clavister CorePlus – our in-house developed, high-performance security network operating system. Every line of code is crafted to ensure that it delivers maximum performance at all times.

Flexibility and Adaptability

Not all networks are created equally. The vast difference in network configurations requires a network security gateway to be able to accommodate these differences. Clavister SG60 Series gives you the freedom to set routing policies with extreme granularity. A large number of parameters can be used to construct policy roles to meet even the most demanding network installation.

Big on Performance - Low on Maintenance

Clavister SG60 Series share a common trait with all other Clavister products with its support for Clavister Service Provisioning Network (CSPN). This high-speed network ensures that the Security Gateway is always up-to-date and it gives system administrators the freedom to concentrate on running their network.

Management Options

Regardless if you choose a centralized management solution, if you use the built-in web-based management solution or if you use the command-line interface, the Clavister SG60 Series products and services are managed in the same way.

Rich on Security

By integrating best-in-class Intrusion Detection and Prevention (IDP), Anti-Virus, Anti-Spam and Web Content Filtering with a stateful firewall with deep packet inspection, IPsec and SSL VPN connectivity, the Clavister SG60 Series is able to protect your organization against everything from network layer attacks to application layer threats.

Low Total Cost of Ownership

With our unique combination of integrated security features, award-winning service and support, and its powerful administration system provide the best possible price/performance ratio with a low Total Cost of Ownership (TCO).

Clavister SG60 Series Specifications

Performance	Clavister SG60	Clavister SG60 Pro
Firewall Performance (Mbps)	250	400
VPN Performance (Mbps)	50	80
Concurrent Connections	16,000	64,000
Concurrent VPN Tunnels (SSL/IPsec)	100/100	250/250
Virtual Interfaces (VLAN 802.1q)	32	128
Virtual Routers	5	10
Ethernet Interfaces	3 x 1GbE + 8 x 1GbE Switch	
Features		
Mode of operations	Layer 2 Mode (Transparent/Route Mode) Policy-Based NAT/PAT Policy-Based Server Load Balancing Virtual IP	
Routing	Static Routing/Source-Based Routing Policy-Based Routing (PBR) OSPF/OSPF over VPN Multicast – IGMP GRE	
Application Layer Gateways	FTP/TFTP SIP/H.323 with NAT/SAT Support HTTP SMTP/POP3	
User Authentication	LDAP Authentication (Multiple) External RADIUS Database servers RADIUS Accounting CHAP PAP Web-Based Authentication Configurable HTTP/HTTPS Front-End xAuth VPN Authentication MAC Address Authentication	
Firewall	Stateful Firewall Deep Packet Inspection Network Attack Detection/Prevention DoS and DDoS Detection/Prevention TCP Reassembly	
High Availability	Firewall and VPN State Synchronization Device Failure Detection Dead Link Gateway and Interface Detection Route/Interface Failover Average Failover Time (< 800 ms)	
Virtual Private Network (IPsec)	Encryption (AES, 3DES, DES, Blowfish, CAST-128) Authentication (SHA-1, MD5) IKE Modes (Main, Aggressive) Perfect Forward Secrecy/DH Groups (1, 2, 5) X.509 Certificates Pre-Shared Keys Self-Signed Certificates IPsec NAT Traversal (NAT-T) IPsec Tunnel Keep-Alive L2TP Client L2TP Server (LNS) PPTP Client PPTP Server (PNS) VPN Policy Selection Through (Firewall Rule Set, Routing, PBR)	
IPv6 Support	Ethernet and VLAN interfaces (Static IPv6 Address Assignment) IP Rules (ALLOW, DROP and REJECT) Neighbor Discovery IPv6 Routing/Policy-Based Routing ICMPv6	
IP Address Assignment	Static DHCP Client (Server & Relay) Proxy ARP PPPoE	
Log Monitoring	Syslog Support Log Export (CSV) 1 Real-Time Performance Monitoring SNMP	
Traffic Management	Policy-Based Bandwidth Management Guaranteed Maximum Bandwidth Dynamic Bandwidth Balancing Priority Levels	
Intrusion Detection and Prevention	Stateful Pattern Matching Protocol/Rate Anomaly Insertion/Evasion Protection Dynamic IP Blacklisting Automatic Signature Updates Stateful Signatures Component-Based Signatures Application Blocking	
Security Management	Clavister InControl Support 1 Clavister Web Management Local Console (RS232/SSH) Command-Line Remote Management Remote Fail-Safe Operations	
Virtual Private Network (TLS/SSL VPN)	One-Time Client Installation Browser Independent VPN Policy Selection Through Firewall Rule Set Routing PBR	
Content Security	Web Content Filtering - Audit/Blocking Mode Classification Categories (32) URL Whitelisting/Blacklisting Anti-Virus - Stream-Based Signatures Automated Signature Updates Per Devices Signature Service Anti-Spam - DNS Blacklisting	
Hardware		
Form Factor	Desktop, optional 19" rack mount kit available	
Dimensions	330 mm W x 44 mm H x 180 mm D (13" W x 1,73" H x 7,09" D)	
Weight	1,7 kg (3,75 lbs)	
Power Supply	100V-240V, 50 to 60 Hz AC, 0,5 A	
Power Consumption / Heat Dissipation	13 W / 45 BTU (Average)	
Mean Time Between Failure (MTBF)	140,532 hours	
Operating temp / Relative humidity	0° to 40° C (32° to 104° F) / 5% – 95%, non condensing	
Regulatory Approvals		
Safety / Approvals and compliance	CE / CE Class A	
Warranty	The Clavister SG60 Series come with a two (2) years standard RMA warranty and ninety (90) days Software maintenance covering all major and minor software releases counting from the earlier date of Product registration or ninety (90) days following shipment.	

About Clavister

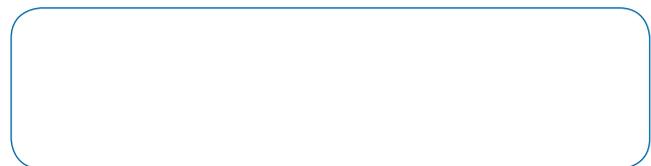
For over a decade, Clavister has been delivering leading network security solutions, providing commercial advantage to businesses worldwide. The Clavister family of Carrier Telecom Security Systems, unified threat management (UTM) appliances and remote access solutions provide innovative and flexible network security with world-class management and control. Clavister is a recognized pioneer in virtualization and cloud security. This complements its portfolio of hardware appliances delivering customers the ultimate choice of network security products. Clavister products are backed by Clavister's award-winning support, maintenance and training program.

To learn more, visit www.clavister.com.

Where to buy?

Sales Offices

www.clavister.com/about-us/contact-us/worldwide-offices



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