

Product Data Sheet



Clavister Security Services Platform as Managed Services

Clavister SSP™ Security Services Platform

firewall • VPN termination • intrusion prevention • anti-virus
anti-spam • content filtering • traffic shaping • authentication

CLAVISTER®

WE ARE NETWORK SECURITY

- **Managed Firewall Service**
- **Managed Virtual Private Network (VPN)**
- **Managed Intrusion Detection and Prevention (IDP)**
- **Managed Anti-Virus**
- **Managed Web Content Filtering**
- **Managed Network Application Control**
- **Managed Anti-Spam**
- **Managed Advanced Compliance Reporting and Forensics**

Clavister Security Services Platform as Managed Services

Managed Security Services Providers – The Market

The number of network security threats is increasing, threatening the use of computers and networks, including the Internet, across all companies regardless of size. For a small to medium sized enterprise (SME), this is especially hard, since they often lack both adequate IT budgets and manpower to deal with recurring security attacks. This situation has led to an accelerated growth in the Managed Security Service Provider (MSSP) market, offering the SME market packaged security services and thus alleviating them from the staff shortage and offering them a more controlled budget situation.

The MSSP acts as an Internet Service Provider (ISP) but extends the offering with some amount of network security management, such as virus blocking, spam blocking, intrusion detection and prevention (IDP), web content filtering, firewalling and virtual private network (VPN) management. Usually they also cater for any system changes, modifications and upgrades.

Effectively, an organization outsources its security functions to an MSSP to save cost and gain network security knowledge.

Managed Security Services Providers – Drivers and Challenges

There are primarily three main drivers behind the growing MSSP market:

- Increased distribution of IT assets across geographically dispersed operations

Many organizations have their IT assets spread across a number of sites; oftentimes in several sites around the world. This mandates a centralized administration solution which enables administrators to enforce corporate security policies to many units simultaneously. Clavister Security Services Platform (SSP™) supports centralized administration of thousands of units.

- Increased sophistication and proliferation of security threats

The security threats are increasing and the attacks are more organized, targeting financial gains and identity theft. These security threats can have devastating effect on an organization; not only financially, but they will also disrupt operations, negatively affect an organizations market reputation and could possibly lead to bankruptcy.

- Lack of adequate training and funding to tackle the problem internally

Highly skilled and trained security personnel are hard to get and cost substantially more than the average IT personnel. Staffing your own security staff can be expensive.

As business grows and expands to multiple locations, small to medium size enterprises (SME) are often unable to keep up with their network security needs. To alleviate this problem, Clavister Security Services Platform (SSP™) offers Managed Security Service Providers a streamlined infrastructure to provision managed security services that meet the needs of these customers.

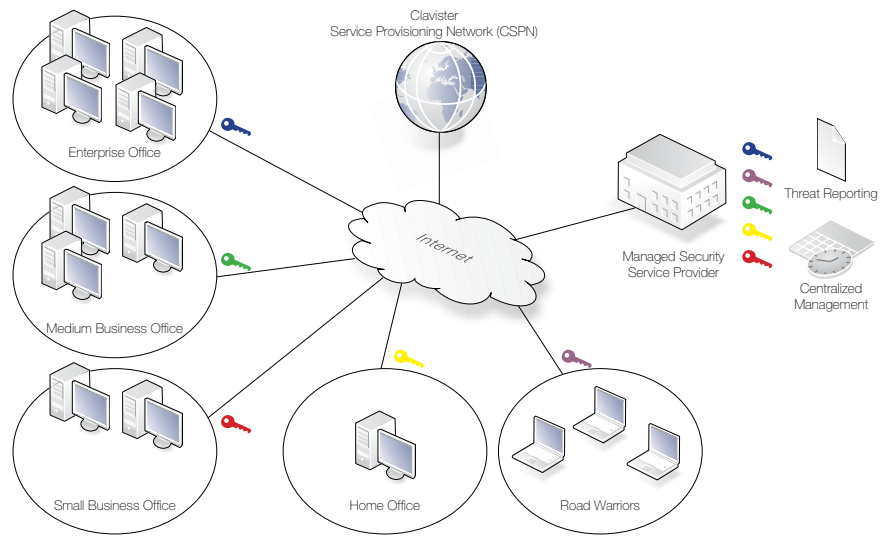
It should be noted that these drivers does not pertain exclusively to the SME market but can be found in Fortune 500 organizations.

Clavister Security Services Platform

Clavister Security Services Platform (SSP™) is a proven, feature-rich, service-oriented framework for providing best-in-class security solutions. Clavister SSP™ comprises of **Clavister Network Security Elements**, **Clavister Lifecycle Systems**, and **Clavister Lifecycle Services**. Its combination of precise control, fine-granular administration, and seamless scalability makes it easy to provision the perfect solution for any customer; be it a small organization, a large Internet Service Provider, a Managed Security Service Provider, or a multimedia-ready telecom operator.

Clavister Network Security Elements

The network security elements are the physical building blocks installed in the network. Clavister SSP™ currently offers two network security elements; Clavister Security Gateway Series, available both as a pre-packaged turnkey appliance solution for easy deployment or software-only format for your preferred hardware platform, and the Clavister Secure Access Gateway Series offering SSL VPN and multi-factor authentication.



Clavister Lifecycle Systems™

The Clavister Lifecycle Systems™ is a set of software components enabling true network security management throughout the entire lifecycle, including deployment, configuration and integration, monitoring, reporting, and analysis, optimization and troubleshooting.

The Clavister InSight™ is our premium Security Event and Information Management (SEIM) system. Clavister InSight™ does not only support Clavister security network elements, but also a majority of other network devices. By correlating data from all network elements, you get a complete log of all activities in your network.

Clavister Lifecycle Services™

Empowers you and your products with tools, services, and resources that help maximize benefits and eliminate problems, including planning, deployment, optimization, operations and maintenance.

Clavister SSP™ provides a secure environment for your business; as a service provided to you by a Managed Security Service Provider (MSSP) or as systems and services integrated in your own network.

Robust Security

Clavister Security Gateway is a comprehensive and purpose-built security offering from Clavister, which provides a complete set of security features, including Stateful Packet Inspection (SPI) firewall with DoS and DDoS protection, VPN with strong encryption, and user authentication.

The Clavister Secure Access Gateway delivers cost-efficient and high-performing SSL VPN access for any organization. Support for multi-factor authentication, Single Sign-On (SSO), Clavister Remote Assistance™ are only a few of the features included with Clavister Secure Access Gateway.

Rapid Deployment

The Clavister Security Gateway provides effortless and rapid deployment. A trained technician can easily deploy and configure new network security elements within minutes, even across continents.

Flexible Traffic Control

The highly sophisticated bandwidth management capabilities in the Clavister Security Gateway make it possible to not only guarantee bandwidth for business critical applications or server, but also to optimize the entire traffic flow in your network and avoid inefficient bandwidth usage.

Lowered Costs for Administration

The powerful administration system that comes with Clavister Security Gateway enables organizations to lower the costs for administration through centralized management. The administration system makes it possible to deploy and configure all devices across the network, no matter if they are located next door or across the globe.

High Performance

Scalable performance with unsurpassed maximum bandwidth, concurrent connections and simultaneous VPN tunnels makes the Clavister Security Gateway the ideal choice even in the most demanding environments like Internet Service Provider Networks, Data Centers, and telecom operators.

Low Total Cost of Ownership (TCO)

Clavister's goal is to provide complete security solutions more cost efficiently than any competitor. Clavister SSP™ with its unique combination of integrated features, world-class service and support, and powerful administration system provide the lowest TCO and the best price/performance ratio possible.

Clavister Security Services Platform (SSP™) Managed Extended UTM Services

Managed Security Service Providers are increasingly relying on Clavister Security Services Platform (SSP™) and its comprehensive set of products, systems and services, including the Clavister Security Gateway and the Clavister Secure Access Gateway, to provide combined security services giving customers an efficient and cost effective solution. An increasing number of MSSPs are also providing in-depth reporting, logging, monitoring and forensic capabilities that are critical for their business success. Clavister InSight™ provides unsurpassed support for Clavister products, including non-Clavister products that are present in your network setup, providing a perfect platform on which to build a managed security service. Using Clavister FineTune™ centralized management tool, MSSPs can further lower their maintenance and provisioning overhead - thereby lowering service implementation cost and increasing profits.

Selected Managed Services

The following table illustrates examples of managed services that you can implement using Clavister SSP™.

Managed Service	Feature	Benefit
Managed Firewall Service	Deep packet inspection for comprehensive layer 2- 7 attack protection and policy enforcement.	Customizable and enforceable security policies. Service approach allows for organizations to focus on their core competence.
Managed VPN	Secure encrypted data exchange between remote offices, home office, as well as any remote work location.	Improved productivity by ability to share all it resources across office locations as well as home offices and during travel through broadband access.
Managed Intrusion Detection Et Prevention (IDP)	The Clavister approach includes low latency, high-performance multi-layered attack detection as well as protocol anomaly, traffic anomaly and component-based signature approach to zero-day threat protection.	Real-time network resource protection with minimal impact on network performance. Service-based approach ensures optimal configuration for maximum performance.
Managed Anti-Virus	Protects against viruses, worms, Trojans, hybrid threats, spyware and other malware threats.	Real-time network protection with minimal impact on network performance. Acts as a compliment to desktop-based anti-virus protection.
Managed Anti-Spam	Limits the prevalence of email spam that enters the corporate network.	Improves productivity by minimizing distraction as well as network load caused by the prevalence of spam.
Managed Web Content Filtering	Blocks access to Internet sites by content category as pre-defined by the corporate policy.	Mitigates legal liability to offensive behavior with inappropriate content as well as increases productivity by ensuring proper web-behavior at work.
Managed Network Application Control	Limits the use and access to non-appropriate applications such as Peer-to-Peer (P2P) software and others.	Limits lost employee productivity due to non-business related application use as well as legal exposure due to inappropriate or illegal behavior.
Managed Advanced Compliance Reporting and Forensics	Produces automated reports related to the type and frequency of stopped attacks as well as facilitates forensics by ensuring log database integrity.	Provides a clear overview of threats launched against the organization both from the outside as well as from the inside of the network. Log integrity facilitates ground from legal actions against intruders.

Clavister SSP™ Managed Services

Clavister are working in close collaboration with a number of selected partners to offer customers a full range of managed services, including products, services and support. For more information about managed service and partners, please contact your local Clavister Sales Representative.

For more information about Clavister products and services, please visit us at: www.clavister.com.