

Enhanced Denial of Service

Detection / Prevention

Building **GLOBAL**
Defenses



SiteVaxinPro

Network Attack Prevention Systems



NetMonasteryTM
Monitoring Internet Security

SiteVaxinPro 8000 Series is an enhanced security with feature rich network security device delivering high performance, giving client friendly flexibility and modularity. It drastically reduces down time required for system patching and or attack recoveries. It shields a network from all attacks directed towards a system vulnerability.

The *8000 Series* is a "do all" security device addressing all present security threats with a provision to modularly build to counter futuristic threat trends. *SiteVaxinPro 8000 Series* is a one stop economic solution for all security concerns without any compromise on accuracy and traffic handling capability.

STATEFUL SECURITY

Computer network threats vary in intensity and technique. A versatile single security device providing multiple level protection reduces device management breakdowns and device synchronization failures as against multiple security devices.

The SiteVaxinPro 8000 Series is a "DO-ALL" security device providing protection against multi layered threats. The device prevents unwanted traffic by a process of network traffic normalisation.

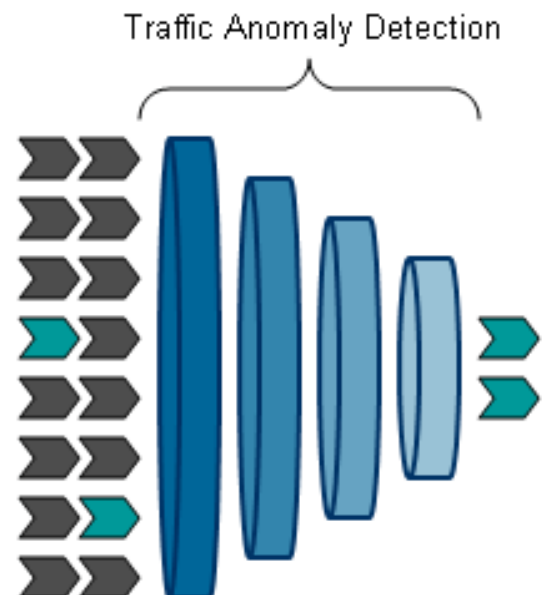
Network sanitization is achieved by the in-built stateful firewall. It allows the user to define rules and access policies for preventing or dropping all rejected traffic. The firewall maintains state table for each network connection. This is the basis of attack prevention and network protection.

DoS SUPPRESSION

When the pipe is flooded with large packet fragments, the bandwidth is choked resulting in DoS. Denial of Service is the most lethal of infrastructure on the Internet. DoS and Distributed DoS can grind the most secure Internet services to a halt.

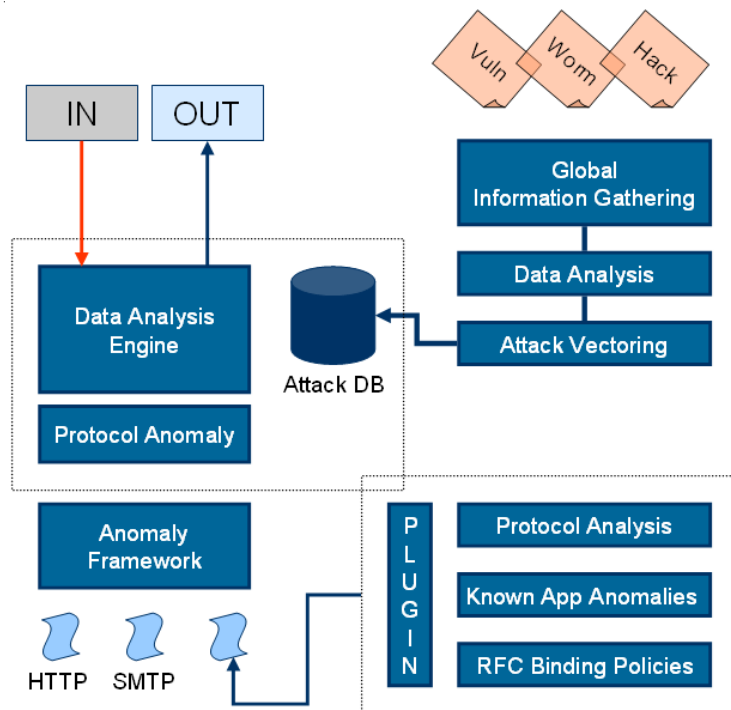
DoS attacks are difficult to block since its targets are not vulnerability or a configuration error. The SiteVaxinPro 8000 Series has a **Traffic Anomaly System** that gets activated when there is a traffic flood into the network. Its continuous static profiler system ensures the avoidance of false positives.

This system prevents DoS attacks on the down- stream clients and reduces downtime caused by organised infrastructure attacks



ATTACK PREVENTION

NetMonastery deployment of attack detection and prevention technologies are effective, efficient, flexible and modular and designed to integrate with futuristic attack technologies. Two of its detection techniques are:



Signature Based Detection

Well profiled attacks are catalogued into a database built into SiteVaxinPro. This is indeed the CORE of the system which scans traffic in real-time and scuttles intrusive attacks. Following are the pre installed threat based policies:

- Infrastructure Attacks
- Application Attacks
- Protocol Attacks
- Service Attacks

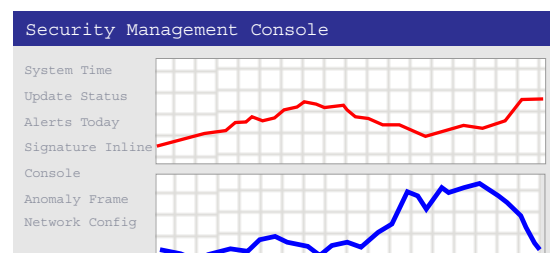
Protocol Anomaly Based Detection

The SiteVaxinPro devices have an in built protocol anomaly framework. The protocol anomaly detection system is useful in detecting known and unknown application attacks. Specific protocol anomaly plugins are useful for data analysis, and adds intelligence to the device.

The protocol anomaly plugins are fine tuned to reduce false positives, optimizing the detection chain and increasing performance.

EASE OF USE

NetMonastery believes that all critical networking and security infrastructure should be managed using out of band connections. All 8000 Series devices have a separate device management port. You could now manage and configure the device over a secured web based management on a separate management network. The device has both an intuitive web based interface as well as a command line interface for advanced users. The web based management interface gives you a birds eye view of the security status of the entire network. The interface is capable of generating historical, statistical as well as in-depth trace information on the security events occurring on your network. The system allows you to create security profiles that helps you in saving various pre configured scenarios and allows you to instantly switch security modes. The 8000 Series also has a comprehensive role management system to tackle role based device management issues.





Cost effective, high performance intrusion prevention and firewall solution



Ease of use and ease of configuration with effective graphing and reporting systems



Protection from zero day and undocumented attacks



Increases productivity and reduces overall system downtime caused due to Internet attacks



2000+ Attack signatures provide the most accurate attack detection



High availability configurations for high availability networks

PRODUCT DATASHEET

APPLIANCE DETAIL

1U form factor
Plug & Play Deployment
Rack Mountable
In-Built Data Storage Drive

NETWORK SUPPORT

3 x 1Gbps Network Interfaces
Native Full Duplex Operation
Stealth Mode Operation
1 x Management Interface
Operates on Load Balanced Networks
NAT / Bridge Mode Operation

PROTECTIVE CAPABILITY

3 Security Zones (EXT, INT, DMZ)
2 Gbps of Aggregate Bandwidth

INTELLIGENCE

Immune to Evasion Attacks
Stateful Firewall
Analyses Over 100 Protocols
Capable of Detecting Zero Day Attacks
Immune to DOS / DDOS Attacks
7 Layer Deep Packet Inspection
Detects Over 2000 Known Attacks
Support for Protocol Anomaly Plugins

MANAGEMENT INTERFACE

Web Based Management Interface
Extremely Configurable using CLI
Custom Signature Development
Encrypted Access to Users

SUPPORT

24 / 7 Technical Support
Firmware Upgrades for 12 Months
Signature Updates for 12 Months

For more product information visit www.netmonastery.com/products NetMonastery bridges the gap between traditional intrusion detection systems and the cutting edge prevention technologies. The difference is in the detection technologies used and the extended attack recognition systems that are built only for the intrusion prevention space and may not be relevant in the intrusion detection space.

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Monitoring Internet Security

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