STORMSHIELD

STORMSHIELD NETWORK
V50, V100, V200 & V500

VIRTUAL APPLIANCES FOR SMB AND NETWORK SEGMENTATION

VIRTUAL APPLIANCES FOR NETWORK

Highlights

- VMware VSphere and Citrix Xenserver Ready
- No Initial Costs
- Portability
- Zero-Day Intrusion Prevention
- Automatic Updates

Small and medium businesses should bear in mind that all networks within their IT infrastructure, be they virtual or physical, require the same level of protection against current and emerging threats.

The benefits provided by virtualization, particularly for SMBs are clear: cost reduction, resource optimization and easier service deployment and management, in addition to faster data recovery. However virtualization enables multiple services, many with different trust levels, to run on the same physical platform.

This is a practice that requires powerful solutions to secure traffic flowing between each of the virtual machines. As it is not possible to place a traditional firewall within a virtual network, the best way to monitor communication in a virtual environment is to deploy a virtual security appliance.

SECURING YOUR VIRTUAL NETWORK ENVIRONMENT

Virtual machines host the same Operating Systems, CRM, ERP and business critical applications as physical servers, with multiple virtual machines now sharing a single hardware platform. Email and web servers, which were traditionally located in the DMZ, can therefore be hosted in the same environment as production servers, making the latter potentially more accessible.

As you move from a physical environment to a virtual network, you need a proactive, all-in-one virtual security appliance to ensure that all your protection requirements continue to be met. A mature, IPS-based Unified Threat Management solution with an integral real-time analysis will enable you to benefit from all the advantages of virtualization, including load-balancing, portability and fast data recovery.

Stormshield's zero-day Intrusion Prevention System lies at the heart of all Virtual Appliances for SMBs. Located in the system kernel, it embeds firewall, antivirus and antispam functionality. It also includes protection for your VoIP traffic and supports both IPSec and SSL VPN tunnels ensuring full protection of your inter-site communications.

ABOUT

Stormshield, a fully-owned subsidiary of Airbus Defence and Space, offers innovative end-to-end security solutions to protect networks (Stormshield Network Security), computers (Stormshield Endpoint Security) and data (Stormshield Data Security).

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The Stormshield engine analyzes network protocols and applications to detect and block threats, delivering outmost security by dramatically reducing the risk of false alarms thanks to behavioral analysis, coupled with a range of contextual signature databases.

REDUCING COSTS

To remain competitive, small and medium businesses need to minimize the costs of their IT infrastructure, which often leads to compromises as to the quality of the deployed IT services.

Taking this into account, with Stormshield Virtual Appliances for SMBs organizations can benefit from the full range of security features at no initial cost, by just subscribing for the services, which include firmware and protection updates.

The benefits of an annual subscription are clear: drastic reduction of IT security costs, full cost control, rapid return on investment on a state-of-the-art protection.

TECHNICAL SPECIFICATIONS

	V50	V100	V200	V500
Protected IP addresses	50	100	200	500
Concurrent connections	100,000	200,000	400,000	600,000
802.1Q VLANs (max)	128	128	128	128
IPSec VPN Tunnels (max)	100	500	1,000	1,000
Simultaneous SSL VPN clients	20	35	70	175

USAGE CONTROL
Firewall/IPS/IDS mode, identity-based firewall, application firewall, Microsoft Services Firewall, detection and control of the use of mobile terminals, application inventory (option), vulnerability detection (option), filtering per localisation (countries, continents), URL filtering (embedded database or cloud mode), transparent authentication (Active Directory SSO Agent, SSL, SPNEGO), multi-user authentication in cookie mode (Citrix- TSE), guest mode authentication, time scheduling per rule.

PROTECTION FROM THREATS
Intrusion prevention, protocol scan, application inspection, protection from denial of service attacks (DoS), protection from SQL injections, protection from Cross-Site Scripting (XSS), protection from malicious Web2.0 code and scripts, Trojan detection, detection of interactive connections (botnets, Command&Control), protection from data evasion, Advanced management of fragmentation, automatic quarantining in the event of an attack, Antispam and antiphishing: reputation-based analysis —heuristic engine, embedded antivirus (HTTP, SMTP, POP3, FTP), detection of unknown malware via sandboxing, SSL decryption and inspection, VoIP protection (SIP), collaborative security: Dynamic Host Reputation, IP reputation.

CONFIDENTIALITY
Site-to-site or nomad IPSec VPN, remote SSL VPN access in multi-OS tunnel mode (Windows, Android, iOS, etc), SSL VPN agent configurable centrally (Windows), Support for Android/iPhone IPSec VPN.

NETWORK - INTEGRATION
IPv6, NAT, PAT, transparent (bridge)/routed/hybrid modes, dynamic routing (RIP, OSPF, BGP), multi-level internal or external PKI management, multi-domain authentication (including internal LDAP), transparent or explicit proxy, policy-based routing (PBR), QoS management, DHCP client/relay/server, NTP client, DNS proxy-cache, HTTP proxy-cache, WAN link redundancy.

MANAGEMENT
Web-based management interface, object-oriented security policy, real-time configuration help, firewall rule counter, more than 15 installation wizards, global/local security policy, embedded log reporting and analysis tools, interactive and customizable reports, sending to syslog server UDP/TCP/TLS, SNMP v1, v2, v3 agent, role based management, email alerting, automated configuration backup.

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