



# STORMSHIELD

## STORMSHIELD NETWORK VU (Unlimited)

VIRTUAL APPLIANCE FOR ENTERPRISE

### VIRTUAL APPLIANCES FOR NETWORK

#### Key Benefits

- ▶ Proven, EAL4+ certified solution
- ▶ Unrestricted users and IP licence
- ▶ On demand security: no initial costs
- ▶ Compliant with virtualization market leaders
- ▶ Best-in-Class Zero-day Intrusion Prevention
- ▶ Perfectly fits your green IT strategy



Many enterprises adopt virtualization as a means to consolidate their major data centers. It is crucial for them to ensure that new virtual architectures do not suffer any degradation in the level of protection afforded to them.

Enterprises adopt virtualization both to bring consistency to their IT infrastructure and to profit from a technology, which brings about a huge TCO reduction, enhanced system exploitation and manageability, load balancing, server portability and immediate recovery.

Poor security practices though, may nullify the dramatic benefits of virtualization. Its dark side is indeed the possibility to arbitrarily connect virtual hosts to network segments with different trust levels. The fact that traditional IPS/IDS appliances, once shielding the physical network, are useless in a fully virtualized environment is a further aggravating factor.

Enterprises need to maintain the same quality of security for virtual environments hosting their business critical applications and information, as previously granted within physical networks.

#### VIRTUALIZE SECURELY

By sharing the same hardware platform to host operating systems, CRM and ERP as well as all services once located in the DMZ, all affected by potential application vulnerabilities, virtualization raises new challenges for the protection of business critical information.

To adequately protect such multi-layer architectures, enterprises need a mature virtual security solution, allowing to centrally manage multiple virtual and physical security devices. They also require to support smooth migrations within meshed topologies, network segmentation and optimal protection of the inter-site communication. The Stormshield Virtual Appliance for Enterprise is the solution covering all these expectations.

Located in the system kernel, our patented intrusion prevention engine delivers real-time behavioral and protocol analysis of the data flow. It combines several technologies to proactively protect against thousands of existing and future threats. Deployed in a virtual environment, the Stormshield Virtual Appliance for Enterprise comes with an efficient and intuitive management interface. Per user security policy

## 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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configuration and comprehensive network monitoring are natively supported to let the security team in control of their virtual network.

On top of the field-proven EAL 4+ certified solution, our virtual appliance integrates all functionalities you would expect from a complete all-in-one solution (UTM). An enterprise may also benefit from a real-time vulnerability assessment engine\*, which drastically reduces the risks for sensitive architectures.

Last but not least, Stormshield's VU (unlimited) contributes to secure mobility by delivering a proactive analysis of the data flow coming through "secure" SSL or IPSec VPN tunnels.

## ON DEMAND SECURITY

One of the principles driving virtualization being a massive cutback on infrastructure costs, Stormshield Virtual Appliance for Enterprise is delivered at no initial cost, "on demand".

To benefit from the full range of security features offered by Stormshield's Virtual Appliance for Enterprise, large organizations just need to yearly subscribe for the services, firmware and protection updates. The subscription approach bears several advantages, among which full cost control on a yearly basis and fast return on investment for state-of-the-art protection are just a few.

Stormshield Virtual Appliance for Enterprise delivers future-ready, enterprise-class security, granting to large global organizations true protection against internal and external threats. It safeguards both the performance of their virtual network and the employees' productivity.

## TECHNICAL SPECIFICATIONS

	VU
Protected IP addresses	Unlimited
Concurrent connections	Unlimited
Connexions simultanées	3,000,000
802.1Q VLANs (max)	512
IPSec VPN Tunnels (max)	10,000
Simultaneous SSL VPN clients	500

### 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, automated configuration backup.