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

Arkoon and Netasq, fully owned subsidiaries of Airbus Defence and Space CyberSecurity, run the Stormshield brand and offer innovative end-to-end security solutions both in France and worldwide to protect networks (Stormshield Network Security), workstations (Stormshield Endpoint Security) and data (Stormshield Data Security).


WWW.STORMSHIELD.EU

Phone
+33 9 69 32 96 29

E-mail contact page




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 |

**USER BASED FIREWALL**
Third-party authentication - LDAP, Active Directory, Radius, NTLM
Transparent authentication - Microsoft SPNEGO - SSL Certificate - SSO Agent

**MULTIFUNCTION FIREWALL - UTM**
SMTP, POP3, HTTP, FTP proxies
Embedded antivirus, antispyware
Reputation-based Antispam (DNS RBL)
Heuristic Antispam analyses
IPSec VPN
SSL VPN
Stormshield Extended Web Control 65 categories (Optional)

**IPS - APPLICATION BASED FIREWALL**
Real-time policy compliance checker
Policy scheduling
Automatic quarantining in case of attacks
Protection from flooding attacks
Protection from data evasion
Advanced management of fragmentation
Protection from SQL injections
Protection from Cross Site Scripting (XSS)
Trojan horse detection
Protection from session hijacks
Dedicated application analysis (plugins) : IP, TCP, UDP, HTTP, FTP, SIP, RTP/RTCP, H323, DNS, SMTP, POP3, IMAP4, NNTP, SSL, MGCP, Edonkey, SSH, Telnet...

**NETWORK SERVICES**
DHCP client and server
NTP client
DNS cache proxy

**NETWORK - ROUTING - QUALITY OF SERVICE**
Transparent, routed, hybrid modes
Address translation (NAT,PAT, split)
Static routing - Policy Based Routing
Dynamic routing
Bandwidth guarantee/limitation
Priority-based bandwidth management

**MANAGEMENT**
Role administration
Stormshield Unified Manager
Stormshield Real-Time Monitor
Stormshield Event Reporter
ssh v2

**MONITORING - REPORTING**
Logging to Syslog servers (max 3)
E-mail alerts
Automatic interactive report generation
SNMP v1, v2, v3 (DES, AES) agent

**OPTIONS**
Stormshield Vulnerability Manager: Risk management


Netasq
Parc Scientifique Haute Borne - Parc Horizon, Bat 6, Avenue de l'Horizon 59650 Villeneuve d'Ascq - FRANCE