



STORMSHIELD



LARGE CORPORATIONS & DATACENTERS

HIGH PORT DENSITY AND POWERFUL NEXT-GENERATION FIREWALL

Stormshield SN6000

NETWORK SECURITY | ENDPOINT SECURITY | DATA SECURITY

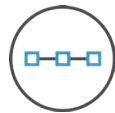
Stormshield SN6000

THE SECURITY SOLUTION IDEAL FOR LARGE CORPORATIONS & DATACENTERS WITH CRITICAL INFRASTRUCTURES.



OBTAIN VERY HIGH PERFORMANCE

With 130 Gbps Firewall throughput, the SN6000 meets the requirements of existing and future critical infrastructures which need high throughput levels. The multi-core hardware architecture has been designed to benefit from the latest improvements in software technologies and provides with the best performance levels.



BENEFIT FROM THE HIGHEST PORT CONCENTRATION ON THE MARKET!

You make the most out of a high number of ports (up to 58 Ethernet ports) and very high-speed fiber connectivity. The product offers an exceptional level of modularity and you are able to anticipate your infrastructure's changes with serenity.



PEACE OF MIND

The SN6000 holds redundant hardware components such as RAID disks and a dual power supply to guarantee that your security solution runs uninterrupted.



CONTROL THE WAY YOUR APPLIANCE IS RUN

The intelligent platform management interface (IPMI) provides control and monitoring of your SN6000 appliance. In case of hardware failure, you will receive immediate alerts.

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Ensure the continuity of your business

All protection technologies needed for responding to the most sophisticated attacks are embedded in the entire range.

Manage vulnerabilities

Obsolete or vulnerable applications on workstations and servers are detected in real time.

Keep your commitments to compliance

Stormshield Network Security products are a key component in ensuring compliance with standards, regulations and norms that require access control (PCI-DSS, ISO 27001 or the Data Protection Act, etc.).

Stay in control of your internet usage

Thanks to advanced filtering and the management of quality of service, you can define the way you want the internet to be used.



Technical specifications

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), URL filtering (embedded database or cloud mode), transparent authentication (Active Directory SSO Agent, SSL, SPNEGO), multi-user authentication in cookie mode (Citrix- TSE), global/local security policy.

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: adaptation of the filter policy according to security events or detected vulnerabilities.

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, internal LDAP directory, explicit proxy, policy-based routing (PBR), QoS management, DHCP client/relay/server, NTP client, DNS proxy-cache, http proxy-cache, high availability, WAN link redundancy, LACP management, Spanning-tree management (RSTP/MSTP).

MANAGEMENT

Web-based management interface, object-oriented security policy, real-time configuration help, firewall rule counter, more than 15 installation wizards, embedded log reporting and analysis tools, interactive and customizable reports, sending to syslog, SNMP v1, v2, v3 agent, automated configuration backup.

Non-contractual document. The features mentioned are those in version 2.1.

** Performance is measured in a laboratory and under conditions ideal for version 2.1. Results may vary according to test conditions and the software version.*

*** IP size: 60% [48 bytes] – 25% [494 bytes] – 15% [1500 bytes].*

¹ Instead of the 8 ports 10/100/1000 interface

PERFORMANCE*

Firewall throughput (1518 byte UDP)	130 Gbps
Firewall (IMIX**)	45 Gbps
IPS throughput (1518 byte UDP)	55 Gbps
IPS throughput (1 Mbyte HTTP files)	17 Gbps
Antivirus throughput	4.7 Gbps

VPN*

IPSec throughput - AES128/SHA1	12 Gbps
IPSec throughput - AES128/SHA2	10 Gbps
Max number of IPSec VPN tunnels	10,000
Number of SSL VPN clients (Portal mode)	2,048
Number of simultaneous SSL VPN clients	500

NETWORK CONNECTIVITY

Concurrent connections	10,000,000
New connections per second	180,000
Number of main gateways (max) / backup (max)	64/64
Max number of interfaces (Agg, Dialup, ethernet, loopback, VLAN, pptp, ...)	1,300

CONNECTIVITY

10/100/1000 interfaces	10-58
1Gb fiber interfaces	0-56 ¹
10Gb fiber interfaces	0-28 ¹
Optional interfaces (8 ports 10/100/1000 - 4 ports 1Gb Fiber - 4 ports 10Gb Fiber)	6

SYSTEM

Max number of filtering rules	32,768
Max number of static routes	10,240
Max number of dynamic routes	500,000

REDUNDANCY

High Availability (Active/Passive)	✓
Redundant disks	RAID1
Redundant Power supply (hot swappable)	✓

HARDWARE

Local storage	256 GB SSD
Big Data Option (local storage)	> 900 GB SSD
Racking	2U - 19"
Height x Width x Depth (mm)	89 x 445 x 645
Power supply (AC)	110-230V 60-50Hz 10-5A
Power consumption	230V 50Hz 505W 2.31A
Fan	3
Operational temperature	5° to 35°C (41° to 95°F)
Relative humidity, operating (without condensation)	20% to 90% @ 35°C
Storage temperature	-30° to 65°C (-22° to 149°F)
Relative humidity, storage (without condensation)	5% to 95% @ 60°C

CERTIFICATIONS

Compliance	CE/FCC
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For security with high added value



STORMSHIELD NETWORK VULNERABILITY MANAGER*

Arm yourself with a simple and powerful vulnerability detection tool that leaves no impact on your information system.

Vulnerability Management

Based on data passing through the appliance, Stormshield Network Vulnerability Manager makes an inventory of operating systems, applications used and their vulnerabilities. As soon as a vulnerability appears on your network, you will be kept informed.

Remediation

Stormshield Network Vulnerability Manager offers a set of dedicated reports as well as a real-time dashboard that allow you to stay in control of your deployment.



STORMSHIELD NETWORK EXTENDED WEB CONTROL*

Monitor how users surf the internet on your corporate network and optimize your bandwidth consumption by deploying an effective and high-performance URL filtering solution.

Prevention of web-based threats

Extended Web Control analyzes millions of requests in order to continuously evaluate the risk level of various websites and to block infected or malicious sites from being visited as soon as they are detected.

Advanced filtering for all

The Extended Web Control solution can be enabled on the entire range of Stormshield Network Security products. You can therefore benefit from an advanced filter solution regardless of the size of your company.



KASPERSKY ANTIVIRUS*

Protect yourself by getting equipped with the best antivirus protection solution.

Protection from threats

The Kaspersky antivirus solution on Stormshield Network Security appliances is not based merely on a system of malware signatures, but also integrates emulation mechanisms to identify malicious code proactively.

Peripheral protection

Applying an antivirus inspection on the traffic of all devices connected to the network and relying on a behavioral analysis technology similar to sandboxing, it allows the detection of even unknown attacks.

** Option*



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