



STORMSHIELD



BUSINESS CONTINUITY IN COMPLEX ARCHITECTURES

Stormshield SN710

NETWORK SECURITY | ENDPOINT SECURITY | DATA SECURITY

MID-SIZE ORGANIZATIONS

Stormshield SN710

THE SECURITY SOLUTION IDEAL FOR SMALL BUSINESSES & LARGE AGENCIES WITH COMPLEX ARCHITECTURES.



PERFORMANCE AND MODULARITY

Offering 10 Gbps performance, the SN710 is able to adapt to your needs thanks to network modularity that combines port density (up to 16 ports) with 10GE fiber.



PROTECT YOUR BUSINESS FROM THE MOST SOPHISTICATED THREATS

Based on several behavior detection methods and built directly into the core of our products, the intrusion prevention system (IPS) guarantees effective protection from zero-day threats while maintaining high-throughput performance.



RESTRICT INAPPROPRIATE USE WITH APPLICATION CONTROL

The application control function on Stormshield Network Security appliances makes it possible to curb the use of dangerous applications or those unrelated to work. It is based on a qualitative approach that favors the integration of applications that are truly relevant to corporations and their core business.



MANAGE WINDOWS SERVICES GRANULARLY

Thanks to the filter feature on Windows services, you can manage the use of these services in your network more closely (Active Directory backup and restoration, IIS services, Microsoft Messenger, etc.). By restricting which Windows services remain accessible, you will be able to protect your network from malware and security evasion techniques that exploit vulnerabilities on these services.



INCREASE YOUR VISIBILITY WITH CUSTOMIZABLE INTERACTIVE REPORTS

In one glance, you will be able to view essential information regarding your network activity and security events. By simply clicking on elements in these reports, which you can customize, you will be able to adapt your configuration easily.



MID-SIZE BUSINESSES AND LARGE AGENCIES

Ensure the continuity of your business

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

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.

Connect coworkers

With the virtual private network, (IPSec and SSL VPN), coworkers get secure access to corporate resources regardless of where they are and from any terminal.

Save time

The administration interface on Stormshield Network Security products has been designed to be ergonomic and intuitive in order to assist you in securing your corporate network quickly and with zero errors.

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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), 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), 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), IPFIX/NetFlow.

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, automated configuration backup.

Non-contractual document. The features mentioned are those in version 3.0.

**Performance is measured in a laboratory and under conditions ideal for version 3.0. Results may vary according to test conditions and the software version.*

PERFORMANCE*

Firewall throughput (1518 byte UDP)	10 Gbps
IPS throughput (1518 byte UDP)	7 Gbps
IPS throughput (1 Mbyte HTTP files)	2.6 Gbps
Antivirus throughput	1.6 Gbps

VPN*

IPSec throughput - AES128/SHA1	2.4 Gbps
IPSec throughput - AES256/SHA2	2 Gbps
Max number of IPSec VPN tunnels	1,000
Number of SSL VPN clients (Portal mode)	150
Number of simultaneous SSL VPN clients	150

NETWORK CONNECTIVITY

Concurrent connections	1,000,000
New connections per second	40,000
Number of main gateways (max)/backup (max)	64/64
Number of interfaces (Agg, Dialup, ethernet, loopback, VLAN, pptp, ...)	350

CONNECTIVITY

10/100/1000 interfaces	8-16
1Gb fiber interfaces	0-4
10Gb fiber interfaces	0-2

SYSTEM

Max number of filtering rules	16,384
Max number of static routes	2,048
Max number of dynamic routes	10,000

REDUNDANCY

High Availability (Active/Passive)	✓
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HARDWARE

Local storage	320 GB
Additional Storage	> 300 GB
MTBF (years)	15,1
Racking	1U - 19"
Height x Width x Depth (mm)	44.45 x 440 x 310
Weight	4.22 kg (9.3 lbs)
Packaged Height x Width x Depth (mm)	142 x 590 x 443
Packaged weight	6,17 kg (13.6 lbs)
Power supply	100-240V 60-50Hz 3-1.5A
Power consumption	230V 50Hz 37W 0,23A
Fan	2
Noise level	55dbA
Thermal dissipation (max)	145 BTU/h
Operational temperature	5° to 40°C (41° to 104°F)
Relative humidity, operating (without condensation)	20% to 90% @ 40°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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