



# STORMSHIELD



MID-SIZE ORGANIZATIONS



BUSINESS CONTINUITY IN COMPLEX ARCHITECTURES

# Stormshield SN510

NETWORK SECURITY | ENDPOINT SECURITY | DATA SECURITY

# Stormshield SN510

THE SECURITY SOLUTION IDEAL FOR MID-SIZE BUSINESSES AND LARGE AGENCIES.



## INTEGRATE YOUR SECURITY SOLUTION EASILY INTO AN EXISTING INFRASTRUCTURE

Thanks to their advanced networking features, Stormshield Network Security appliances adapt to your infrastructure seamlessly and leave no impact.



## BENEFIT FROM THE BEST OF BREED IN UTM

At Stormshield, we have taken great care in selecting our partners, who are widely recognized and leaders in their respective fields, so that we can offer you the best protection against modern threats.



## STAY COMPLIANT WITH REGULATORY REQUIREMENTS

By enabling the local archiving of logs, you will be complying with regulations regarding the retention of Internet communication data.



## KEEP UP WITH GROWING MOBILITY WHILE STAYING SAFE

The SSL VPN on Stormshield Network Security solutions, compatible with all operating systems (Android, Apple, Windows, etc.), offers your mobile users a secure connection to all the resources on your corporate network, just as if they were connected to the local network.



## OPTIMIZE YOUR INTERNET BANDWIDTH

Enhance user experience and bandwidth consumption while surfing the net using the HTTP proxy cache feature.

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.

### Manage vulnerabilities

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

### 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.

.....

# 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.*

## PERFORMANCE\*

Firewall throughput (1518 byte UDP)	5 Gbps
IPS throughput (1518 byte UDP)	3 Gbps
IPS throughput (1 Mbyte HTTP files)	1.7 Gbps
Antivirus throughput	850 Mbps

## VPN\*

IPSec throughput - AES128/SHA1	1 Gbps
IPSec throughput - AES256/SHA2	780 Mbps
Max number of IPSec VPN tunnels	500
Number of SSL VPN clients (Portal mode)	75
Number of simultaneous SSL VPN clients	100

## NETWORK CONNECTIVITY

Concurrent connections	500,000
New connections per second	20,000
Number of main gateways (max)/backup (max)	64/64
Number of interfaces (Agg, Dialup, ethernet, loopback, VLAN, pptp, ...)	350

## CONNECTIVITY

10/100/1000 interfaces	12
------------------------	----

## SYSTEM

Max number of filtering rules	8,192
Max number of static routes	2,048
Max number of dynamic routes	10,000

## REDUNDANCY

High Availability (Active/Passive)	✓
------------------------------------	---

## HARDWARE

Local storage	320 Go
Additional Storage	>300 Go
MTBF (years)	14.5
Racking	1U - 19"
Height x Width x Depth (mm)	44.45 x 440 x 310
Weight	4.25 kg (9.4 lbs)
Packaged Height x Width x Depth (mm)	142 x 590 x 443
Packaged weight	6,2 kg (13.7 lbs)
Power supply	100-240V 60-50Hz 3-1.5A
Power consumption	230V 50Hz 34W 0,21A
Fan	2
Noise level	55dbA
Thermal dissipation (max)	130 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
------------	--------

# 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*



# STORMSHIELD

Phone

+33 9 69 32 96 29

[WWW.STORMSHIELD.EU](http://WWW.STORMSHIELD.EU)