STORMSHIELD

BUSINESS CONTINUITY IN COMPLEX ARCHITECTURES

Stormshield SN910

NETWORK SECURITY | ENDPOINT SECURITY | DATA SECURITY

Stormshield SN910

THE SECURITY SOLUTION DEDICATED TO MIDSIZED ORGANIZATIONS AND LARGE AGENCIES REQUIRING HIGH-SPEED FIBER CONNECTIVITY (10GB).

PERFORMANCE AND MODULARITY

Offering 20 Gbps performance, the SN910 is able to adapt to your needs thanks to network modularity that combines port density (up to 16 ports) with 10GE fiber.

AUTOMATICALLY IDENTIFY APPLICATIONS ON THE NETWORK

Application control, installed on all Stormshield Network Security appliances, allows you to automatically identify applications used (local or web applications) by your coworkers thanks to a dynamic analysis of the contents of connections.

KEEP YOUR COMMITMENTS TO COMPLIANCE

Stormshield Network Security solutions are a key component in keeping your commitments with regard to standards or regulations such as PCI-DSS, HIPAA, ISO270X as well as complying with legislation on data protection.

KEEP TRACK OF MOBILE TERMINALS

With the identification of mobile terminals logged on to the information system, the use of such devices can be allowed or blocked during certain time slots, for certain users or groups to certain resources, or a stronger protection profile can even be applied.

IMPROVE THE SECURITY POLICY ACCORDING TO CONTEXT

Adapt the level of protection for a workstation or server according to the level of risk identified (security alarms generated or vulnerabilities detected). In security reports, select your risk mitigation strategy in just one click.

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), 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 bvvackup.

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)	20 Gbps
IPS throughput (1518 byte UDP)	12.5 Gbps
IPS throughput (1 Mbyte HTTP files)	7 Gbps
Antivirus throughput	2.2 Gbps

VPN*	
IPSec throughput - AES128/SHA1	4 Gbps
IPSec throughput - AES256/SHA2	3 Gbps
Max number of IPSec VPN tunnels	1,000
Number of SSL VPN clients (Portal mode)	300
Number of simultaneous SSL VPN clients	150

NETWORK CONNECTIVITY	
Concurrent connections	1,500,000
New connections per second	60,000
Number of main gateways (max)/backup (max)	64/64
Number of interfaces (Agg, Dialup, ethernet, loopback, VLAN, pptp, ...)	750

CONNECTIVITY	
10/100/1000 interfaces	8-16
1Gb fiber interfaces	0-6
10Gb fiber interfaces	0-2

SYSTEM	
Max number of filtering rules	32,768
Max number of static routes	5,120
Max number of dynamic routes	10,000

REDUNDANCY	
High Availability (Active/Passive)	✔

HARDWARE	
Local storage	120GB SSD
MTBF (years)	13,2
Racking	1U - 19"
Height x Width x Depth (mm)	44.45 x 440 x 310
Weight	5.1 kg (11.3 lbs)
Packaged Height x Width x Depth (mm)	142 x 590 x 443
Packaged weight	7.05 kg (15.6 lbs)
Power supply (AC)	110-240V 60-50Hz 4-2A
Power consumption	230V 50Hz 72W 0.38A
Fan	3
Noise level	50dBA
Thermal dissipation (max, BTU/h)	334
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 illions 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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