STORMSHIELD

STORMSHIELD
NETWORK SECURITY

Unified Threat Management Solutions and Next-Generation Firewalls

Our mission

To provide cyber-serenity to organisations which operate critical and operational infrastructure.

BUILDING
COLLABORATIVE SUCCESS

From each partnership, Stormshield acquires new expertise which it uses to feed into future projects. This drive to co-construct tailored solutions with our technological partners and customers, while constantly striving towards excellence, offers **the best guarantee of effective protection against cyber risks**.

FORGING
A TRUST-BASED RELATIONSHIP

Maintaining a daily presence capable of providing relevant, open answers to security issues is first of all a question of **creating a unique relationship with each of our customers**, based on active listening and constant support. Regardless of the size of your company, Stormshield experts are committed to taking an active role in helping you to grow.

CONCENTRATING
ON YOUR NEEDS

Because the concepts of cybersecurity and agility are now inseparable, Stormshield offers solutions which address your need to stay focused on your business. **Solutions which are designed never to interfere with your work**, building the confidence you need to grow.

Take advantage
of the best security

⚡ Unrivaled performance at an unbeatable price

No reduction in performance when maximum security measures (IPS) are activated. The gigabit per second price of Stormshield's protection can't be beat.

↻ Ensure that your activity will continue uninterrupted

Our solutions include all of the protection technology needed to hold out against even the most sophisticated attacks.

🌐 Protect your internet use

Monitor internet use and control the impact on your business applications.

👥 Connect your employees

Your employees will have secure access to your company's resources, no matter where they are and what device they're using.

⏱ Save time

Our solutions are designed to be intuitive and easy to use, so you can protect your company quickly and without fail.

🔍 Manage vulnerabilities

Identify obsolete or vulnerable applications on workstations and servers in real time, and apply custom protections with one click.

📄 Meet your compliance commitments

Ensure your compliance with access control standards, regulations, and norms (PCI-DSS, ISO 27001, Data Protection Act, etc.).

PERFORMANCE UP TO	**MODULARITY** WITH UP TO	**SCALABILITY** FROM	**FEATURES** MORE THAN
170 Gbps	16 40Gb ports	2 to 64 ports	100

Stormshield delivers trusted technologies that are certified to the highest levels in Europe (EU RESTRICTED, NATO RESTRICTED, EAL4+, ANSSI QUALIFICATION). These certifications and qualifications guarantee that the strategic information belonging to even the most sensitive companies and organizations is properly protected.

COMMON CRITERIA CERTIFIED EAL3+
COMMON CRITERIA

COMMON CRITERIA CERTIFIED EAL4+
COMMON CRITERIA

EU RESTRICTED

NATO OTAN
NATO RESTRICTED

*The images of this document are non-contractual.

UNIFIED SECURITY

UNIFIED SECURITY
SN160

UNIFIED SECURITY
SN310

UNIFIED SECURITY
SN210

PERFORMANCE
SN910

BUSINESS CONTINIUTY
IN COMPLEX ARCHITECTURES

HIGH AVAILABILITY
SN510

SCALABILITY
SN710

FLEXIBILITY & PERFORMANCE
FOR CRITICAL INFRASTRUCTURE

RESILIENCE
SN1100

MODULARITY
SN2100

SCALABILITY
SN3100

PORT DENSITY
SN6100

WIFI
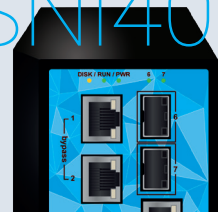# SN160W

FOR YOUR
SPECIFIC NEEDS

WIFI
SN210W

INDUSTRIAL FIREWALL
SNi20

INDUSTRIAL FIREWALL
SNi40

EXTRA RUGGEDIZED
SNxr1200

Protection is Simple and Easy
Stormshield delivers many different features.

User-Friendly Interface

Security has never been so easy. For example, managing your filtering policy is simple with our rule compliance verification tool. No longer will rules slip past you.

Easy manage your wide area network

Automate the secured interconnection of your extended network with SDWAN features.

Wide Range of Features

Besides the many features included with the solution, you will have access to a complete array of administrative tools.

Cloud-Based Sandboxing

You no longer need to live in fear of unknown or sophisticated attacks. With Breach Fighter, you are shielded by real-time protections.

Real-Time Protection	**Monitoring & Supervision**	**Content Filtering**	**Secure Communications**
Intrusion detection and prevention	URL filtering	Antispam	IPSec VPN
Application control	IP Geolocalization	Antispyware	SSL VPN
Antivirus	Vulnerability detection	Antiphishing	
	Extended Web Control		

Custom Solutions
Products adapted to your industry

Defense and Military Organizations
• Choose trusted products
• Highest-level protection • Manage the way your communications are protected • Centralized for easier management • Easily integrates with your existing structure

Retail and E-Commerce
• Grow your business in complete security • Guarantee transactions, even when there's an outage • Secure your servers and web applications • Manage customer data

MSSPs and Other Service Providers
• Reduce your operating costs
• Simplify network administration
• All-in-one functional coverage
• Offer on-demand services to your customers • Support your sales force

Health and Healthcare Facilities
• Guarantee the availability of your services • Protect medical records
• Combine mobility and security
• Make patient data management easier

Industry
• Protect your industrial chain from beginning to end • Secure access and remote workstations • Ensure network availability • Taking inventory of industrial equipment

Banking and Finance
• A reliable product • Fully supported compliance • Reduce your costs and risk levels
• Optimized real-time risk management • Make customer data management easier

Public Administrations
• Vulnerability management
• Fast return on investment
• Choose trusted solutions

Education and Academia
• Performance • Secure your communications • Centralize your security management • Traceability

Datacenters
• Combine security, reliability & flexibility • End-to-end risk management • Reduce operating costs

Virtual Security
means real-world protection

Elastic Virtual Appliances
Better security for virtual environments

Many organizations are shifting to the Cloud to streamline their IT infrastructure, to take advantage of technologies that significantly reduce total cost of ownership (TCO), to simplify use, and to make upgrading and rapid restoration after an incident easier.

Stormshield Network Security's virtual appliances support this shift by providing the same level of protection and the same broad array of capabilities as its physical products.

Cloud-based solutions
Services providers

Companies need to deploy a virtual, cloud-based infrastructure in a secure and controlled manner. That is why all of the Stormshield Network Security solutions are available in the Marketplace.

Effective protection of servers, web services, and virtual applications on an Amazon Web Services or Microsoft Azure Cloud

Simplified implementation via the Amazon Web Services Marketplace or Microsoft Azure

Complete Security Without Compromise

All security features are available, to provide optimal protection.

Budget Control

With no initial cost, the Cloud provides on-demand security and reduces maintenance costs.

Scalable & Portable

What if your needs change over time? It's no problem, your security will change along with them.

Automatic Updates

There's no need for tedious maintenance. Your teams will be able to focus on their jobs.

Managed security is effective security

Manage and Analyze
Web Interface

This simple and easy-to-use interface is provided with our security solutions, allowing you to manage the security policy for your infrastructure. It also shows you all of your network and activity data at a glance.

Supervise
Visibility Center

Stormshield Visibility Center is a turnkey solution that provides you with unified reports on security events affecting all of your product lines. This provides you with an overall understanding of your infrastructure and data security.

Optimize
Management Center

Stormshield Management Center optimizes your administrative tasks, giving you the time to work on what's really important and ensuring that your network functions properly and remains secure.

Physical Solutions

PERFORMANCE*

PERFORMANCE*	SN160(W)	SN210(W)	SN310	SN510	SN710	SN910	SN1100	SN2100	SN3100	SN6100
Firewall (UDP 1518 bytes)	1 Gbps	2 Gbps	4 Gbps	8 Gbps	15 Gbps	30 Gbps	45 Gbps	60 Gbps	74 Gbps	170 Gbps
IPS (UDP 1518 bytes)	1 Gbps	1.6 Gbps	2.4 Gbps	3.3 Gbps	8 Gbps	15 Gbps	18 Gbps	35 Gbps	55 Gbps	68 Gbps
IPS (1 Mb HTTP)	400 Mbps	800 Mbps	1.2 Gbps	1.7 Gbps	3 Gbps	10 Gbps	12 Gbps	20 Gbps	23 Gbps	27 Gbps
Anti-virus	260 Mbps	400 Mbps	495 Mbps	950 Mbps	2 Gbps	2.9 Gbps	4 Gbps	7 Gbps	10 Gbps	12.5 Gbps

NETWORK CONNECTIVITY

NETWORK CONNECTIVITY	SN160(W)	SN210(W)	SN310	SN510	SN710	SN910	SN1100	SN2100	SN3100	SN6100
Max concurrent sessions	150,000	200,000	300,000	500,000	1,000,000	1,500,000	1,800,000	2,500,000	5,000,000	20,000,000
No. of new sessions per sec.	7,500	15,000	18,000	25,000	50,000	80,000	90,000	125,000	175,000	250,000

VPN*

VPN*	SN160(W)	SN210(W)	SN310	SN510	SN710	SN910	SN1100	SN2100	SN3100	SN6100
IPSec (AES-GCM)	74 Mbps	140 Mbps	175 Mbps	1.3 Gbps	3 Gbps	4.5 Gbps	7.5 Gbps	10 Gbps	15 Gbps	20 Gbps
Max IPSec VPN tunnels	50	50	100	500	1,000	1,000	2,000	5,000	5,000	10,000
No. of concurrent SSL VPN clients	5	20	20	100	150	150	500	400	500	500

HIGH AVAILABILITY

HIGH AVAILABILITY	SN160(W)	SN210(W)	SN310	SN510	SN710	SN910	SN1100	SN2100	SN3100	SN6100
Active/Passive	-	-	•	•	•	•	•	•	•	•

CONNECTIVITY

CONNECTIVITY	SN160(W)	SN210(W)	SN310	SN510	SN710	SN910	SN1100	SN2100	SN3100	SN6100
10/100/1000 interfaces	1+4 ports (switch)	2+6 ports (switch)	8	12	8-16	8-16	8-24	2-26	2-26	8-64
10 Gb copper interfaces	-	-	-	-	0-4	0-4	0-8	0-12	0-12	0-32
1 Gb fiber interfaces	-	-	-	-	0-8	0-10	0-16	0-24	0-24	0-64
10 Gb fiber interfaces	-	-	-	-	0-4	0-4	2-10	0-12	0-12	2-34
40 Gb fiber interfaces	-	-	-	-	-	-	-	0-6	0-6	0-16

UNIFIED SECURITY	BUSINESS CONTINUITY	FLEXIBILITY & PERFORMANCE

Reinforced solutions

PERFORMANCE*

PERFORMANCE*	SNi20	SNi40
Firewall throughput (1,518 byte UDP)	2.4 Gbps	4.8 Gbps
IPS throughput (1,518 byte UDP)	1.6 Gbps	3.3 Gbps
IPS throughput (1 MB HTTP)	900 Mbps	1.8 Gbps

VPN*

VPN*	SNi20	SNi40
IPSec throughput (AES-GCM)	175 Mbps	1.2 Gbps
Max. number of IPSec VPN tunnels	100	500

AVAILABILITY

AVAILABILITY	SNi20	SNi40
High availability (Active/Passive)	Yes	Yes
Fail-safe mode	Option	Yes

CONNECTIVITY

CONNECTIVITY	SNi20	SNi40
10/100/1,000 interfaces	8	5
1 GB fibre interfaces	-	0-2

INDUSTRIAL PROTOCOLS

INDUSTRIAL PROTOCOLS	SNi20	SNi40
Deep packet inspection	Modbus, UMAS, S7 200-300-400, EtherNet/IP, CIP, OPC UA, OPC (DA/HDA/AE), BACnet/IP, PROFINET, IEC 60870-5-104, IEC 61850 (MMS, Goose et SV) et IT	

PERFORMANCE*

PERFORMANCE*	SNxr1200
Firewall throughput (1,518 byte UDP)	2.4 Gbps
IPS throughput (1,518 byte UDP)	1.6 Gbps

CONNECTIVITY

CONNECTIVITY	SNxr1200
Micro MIL-DTL-38999 connectors	Yes
Ethernet 10/100/1000 interfaces (via MIL-DTL-38999 connectors)	5

HARDWARE

HARDWARE	SNxr1200
TPM module	Yes
Level of protection provided by the appliance (IP code, IEC60529)	IP67

CERTIFICATIONS

CERTIFICATIONS	SNxr1200
CE : EN55032/EN 55035 - SAFETY: EN62368-1 DO-160G / MIL-STD-461F / MIL-STD-810G	

Virtual solutions

SYSTEM

SYSTEM	EVA1	EVA2	EVA3	EVA4	EVAU
Memory (max. - GB)	2	3	6	8	64
Max. number of vCPUs	1	2	4	4	16

PERFORMANCE

PERFORMANCE	EVA1	EVA2	EVA3	EVA4	EVAU
Firewall throughput (1,518 byte UDP)	16.4 Gbps	27 Gbps	45 Gbps	45 Gbps	63 Gbps
IPS throughput (1,518 byte UDP)	8.6 Gbps	12.7 Gbps	20 Gbps	20 Gbps	33 Gbps
IPS throughput (1 MB HTTP)	5 Gbps	8.5 Gbps	12.7 Gbps	12.7 Gbps	14.5 Gbps
Antivirus throughput	0.9 Gbps	1.7 Gbps	3.1 Gbps	3.1 Gbps	7.1 Gpbs

* Performance is measured in a laboratory under ideal conditions for version 4.x.

Results may vary based on testing conditions and the version of the software.

Stormshield Network Security
in a few key points

SOVEREIGN SOLUTION

As a French cybersecurity provider, we have been providing solutions that meet European legal requirements for the last 15 years.

CERTIFICATIONS

Our technologies have the highest level European certifications, guaranteeing customized protection for your organizations' most sensitive and strategic information.

ECOSYSTEM

We work with other security providers to develop joint solutions, share information about threats, and collaborate to improve our customers' defenses.

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ALL-IN-ONE SECURITY

You will have access to all integrated security features for either traditional or Cloud infrastructure. At no extra cost.

PERFORMANCE

Our solutions have the best cost per Gigabit/s, and provide unrivaled performance with the Intrusion Prevention System (IPS) activated for optimal security.

DYNAMIC COLLABORATION

Our firmware has an algorithm that dynamically adjusts your security policy (Host reputation). The greater the threat, the higher the level of protection.

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UNIQUE FIRMWARE

Stormshield makes security easy with its single interface.

SERVICE PACKS

Choose from among four simple and clear security service packages that include hardware maintenance for your product.

TECHNICAL SUPPORT

Our technical support is available 24/7, working closely with our R&D teams to provide you with our developers' expertise.

STORMSHIELD

Companies, government institutions and defence organisations around the world need trusted partners to support their digital transformation and guarantee the cybersecurity of their infrastructures, users and data. Stormshield technologies are certified at the highest European level (EU Restricted, NATO Restricted, EAL3+/EAL4+ Common Criteria, and ANSSI qualifications and visas) and can tackle IT and OT challenges so as to protect your business. **Our security solutions give you the freedom to progress with confidence.** www.stormshield.com