STORMSHIELD

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NETWORK SECURITY

Unified Threat Management Solutions and Next-Generation Firewalls

Our Mission

Make the digital world a sustainable and trustworthy environment while ensuring business continuity and data protection for organizations, their employees, and their customers.
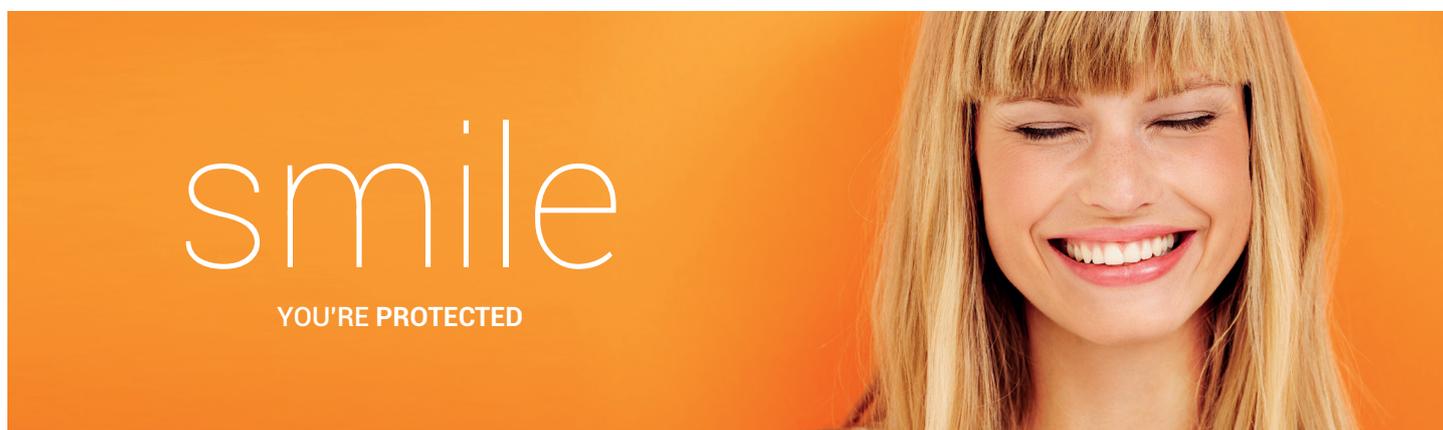
smile
YOU'RE PROTECTED

SECURITY
THAT'S TRANSPARENT

In a *Bring-Your-Own-Everything* world, it is becoming increasingly difficult to control users when we want **to develop an agile company that moves with the times**. For security to be effective, it needs to be seamless for both users and administrators.

SECURITY
THAT'S COLLABORATIVE

A new approach to security is needed. It's this need that drove Stormshield to develop Multi-Layer Collaborative Security as a response. This holistic model, based on **active collaboration between the security engines of our different solutions**, is the future of in-depth, information system defense.

SECURITY
THAT SCALES

Because security solutions require several years of investment, Stormshield Network Security products provide the modularity and features you need to **keep abreast of future changes** to the information system.

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
140 Gbps	12 40Gb ports	2 to 48 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

UNIFIED SECURITY

UNIFIED SECURITY
SN160

UNIFIED SECURITY
SN310

UNIFIED SECURITY
SN210

PERFORMANCE
SN910

BUSINESS CONTINUITY
IN COMPLEX ARCHITECTURES

MODULARITY
SN510

SCALABILITY
SN710

FLEXIBILITY & PERFORMANCE
FOR CRITICAL INFRASTRUCTURE

MODULARITY
SN2100

SCALABILITY
SN3100

PORT DENSITY
SN6100

**WIFI**
SN160W

FOR YOUR
SPECIFIC NEEDS

WIFI
SN210W

INDUSTRIAL FIREWALL
SNi40
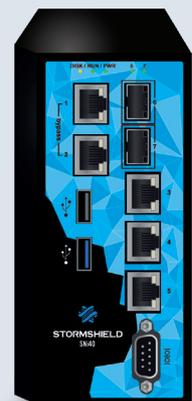
Protection is Simple and Easy
Stormshield delivers many different features.

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 Setup
With our installation assistants, you can put protections in place for your company with just a few clicks.

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
Intrusion detection and prevention
Application control
Antivirus

Monitoring & Supervision
URL filtering
IP Geolocalization
Vulnerability detection
Extended Web Control

Content Filtering
Antispam
Antispyware
Antiphishing

Secure Communications
IPSec VPN
SSL VPN

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

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 UTM
Cloud-based solutions

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' capabilities are included in the Stormshield Network Cloud UTM application, made for Cloud environments.

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*	SN160(W)	SN210(W)	SN310	SN510	SN710	SN910	SN2100	SN3100	SN6100
Firewall (UDP 1518 bytes)	1 Gbps	2 Gbps	3.5 Gbps	5 Gbps	10 Gbps	20 Gbps	50 Gbps	70 Gbps	140 Gbps
IPS (UDP 1518 bytes)	800 Mbps	1.6 Gbps	2.4 Gbps	3 Gbps	7 Gbps	12.5 Gbps	30 Gbps	40 Gbps	53 Gbps
IPS (1 Mb HTTP)	400 Mbps	800 Mbps	1.1 Gbps	1.7 Gbps	2.6 Gbps	7 Gbps	17 Gbps	20 Gbps	24 Gbps
Anti-virus	100 Mbps	300 Mbps	430 Mbps	850 Mbps	1.6 Gbps	2.2 Gbps	3.2 Gbps	4.5 Gbps	9 Gbps

NETWORK CONNECTIVITY	SN160(W)	SN210(W)	SN310	SN510	SN710	SN910	SN2100	SN3100	SN6100
Max concurrent sessions	150,000	200,000	300,000	500,000	1,000,000	1,500,000	2,500,000	5,000,000	20,000,000
No. of new sessions per sec.	6,000	15,000	18,000	20,000	40,000	60,000	100,000	130,000	146,500

VPN*	SN160(W)	SN210(W)	SN310	SN510	SN710	SN910	SN2100	SN3100	SN6100
IPSec (AES128 – SHA1)	200 Mbps	350 Mbps	600 Mbps	1 Gbps	2.4 Gbps	4 Gbps	8 Gbps	10 Gbps	15 Gbps
Max IPSec VPN tunnels	50	50	100	500	1,000	1,000	5 000	5 000	10 000
No. of concurrent SSL VPN clients	5	20	20	100	150	150	400	500	500

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

CONNECTIVITY	SN160(W)	SN210(W)	SN310	SN510	SN710	SN910	SN2100	SN3100	SN6100
10/100/1000 interfaces	1+4 ports (switch)	2+6 ports (switch)	8	12	8-16	8-16	2-26	2-26	8-48
10 Gb copper interfaces	-	-	-	-	-	-	0-12	0-12	0-24
1 Gb fiber interfaces	-	-	-	-	0-4	0-6	0-24	0-24	0-48
10 Gb fiber interfaces	-	-	-	-	0-2	0-2	0-12	0-12	0-26
40 Gb fiber interfaces	-	-	-	-	-	-	0-6	0-6	0-12

UNIFIED SECURITY	BUSINESS CONTINUITY	FLEXIBILITY & PERFORMANCE

Reinforced Solution

PERFORMANCE*	SNi40
Firewall (UDP 1518 bytes)	4.8 Gbps

COMPLIANCE

CE/FCC, EN 61000-6-2:2005, EN 61000-6-4:2007/ A1:2011, IEC 61000-4-18:2006/A1:2010, IEC 60068-2

DIN Rail (35 mm width, standard EN 50022)

HARDWARE	SNi40
Storage	32 Gb SSD
Archive partitioning	> 20 Gb SSD
MTBF (years) @ +25°C	26.6
Redundant power supply (DC)	12 - 36 V DC /5 - 1.67 A
Power consumption (W) (Idle) DC @ +25°C	15.5
Power consumption (W) (full load, max.) DC @+25°C	19.5

HARDWARE (CONT.)	SNi40
Heat dissipation (max. BTU/h)	66.54
Operating temperature	-40° to +75°C (-40° to +167°F)
Operational relative humidity (without condensation)	0% to 90%
Level of protection provided by the device (IP Code)	IP30

Virtual Solutions

FEATURES	V50	V100	V200	V500	VU	VS5	VS10
Protected IP addresses	50	100	200	500	Unlimited	-	-
Protected virtual machines	-	-	-	-	Unlimited	5	10
Vulnerability Manager	-	-	-	-	-	Yes	Yes
Concurrent connections	100,000	200,000	400,000	600,000	3,000,000	1,000,000	2,000,000
Max. No. of VLAN	128	128	128	128	512	512	512
Max IPSec VPN tunnels	100	500	1,000	1,000	10,000	10,000	10,000
No. of concurrent SSL VPN clients	20	35	70	175	500	500	500

* Performance is measured in a laboratory under ideal conditions for version 3.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.

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.

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

Stormshield is a wholly-owned subsidiary of Airbus CyberSecurity that provides innovative end-to-end security solutions for protecting networks (Stormshield Network Security), workstations (Stormshield Endpoint Security) and data (Stormshield Data Security).

www.stormshield.com