STORMSHIELD
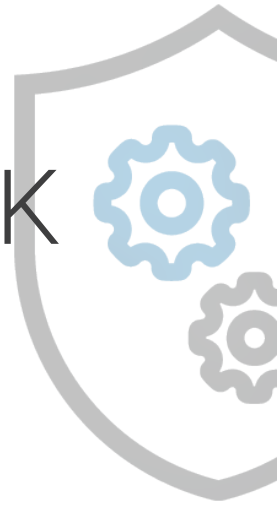
STORMSHIELD NETWORK
ADVANCED ANTIVIRUS

Neutralize the most sophisticated threats

99.7%
MALWARE DETECTION RATE

Protection
FOR BYOD

Efficient
AGAINST THREATS SPREADING INTERNALLY

Evolution of threats

The social network boom, the upload of web 2.0 content by internet users and the use of mobile devices have opened new avenues for cybercrime to develop. Cybercriminals have shown unlimited creativity in crafting malicious content of increasing sophistication in order to achieve their goals.

Malicious code is designed to be increasingly difficult to detect by conventional protection systems. Once malicious content is introduced into your network, it can take down your whole information system or exfiltrate confidential data. You will therefore need to deploy protection solutions that have what it takes to handle known and unknown threats like these, and to prevent any abnormal behavior.

The Advanced 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.

One of the best antivirus solutions on the market

Mobility and new user habits

The emergence of mobile devices has led to new ways of using the corporate network. A growing number of employees now use their personal terminals – often poorly or not protected – to log on to the company's information system.

These devices have become the favorite target of cybercrime, since they are not supervised by security teams and escape their control most of the time.

To keep up the all-round protection of the network against the malware that may be lurking on these devices, what is needed is the installation of an antivirus solution placed directly in the path of network traffic.

Peripheral protection

Too often, the antivirus solutions deployed on workstations and servers are part of the problem on a section of the whole fleet: a neglected or failed installation, an inactive agent, an outdated antivirus database, wrong configuration, etc. Such a situation can endanger your information system if a complementary malware protection solution is not implemented on your network filter devices.

The Advanced Antivirus technology on Stormshield Network Security appliances offers the advantage of always being equipped with the latest signature updates. 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.

Advantages of the Stormshield Advanced Antivirus solution

RECOGNIZED ANTIVIRUS SOLUTION

- 99.7% malware detection (Real World Protection AV-Comparatives test, July / October 2022)
- First place in attack prevention rankings from 2018 to 2022
- Presence in 170 countries
- More than 75,000 business customers
- Over 111 patents issued

POWERFUL ANTIVIRUS ENGINE

- 30 billion daily threat queries
- Several million sensors worldwide
- Updated with both new signatures and new detection methods
- Protection against viruses, spyware, botnets, rootkits, bootkits and other sophisticated threats
- 285 security researchers, threat hunters and security analysts Close collaboration with law enforcement in incident response
- More than 400 threats discovered every minute (criminals, nation-states, malicious actors)

SPEEDY PROCESSING

- Optimization of the virus scanning algorithm
- Processing on object decompression (archive, executable,...) constantly improved
- Multiple scans in parallel

ADVANCED TECHNOLOGY TO COUNTER 0-DAY ATTACKS

- One of the best solutions for 0-day tests conducted by independent testing firms
- Heuristic analysis
- Machine Learning (ML) and Artificial Intelligence (AI) for malware analysis to improve protections
- Generic signatures

PERIPHERAL PROTECTION

- End-point protection at the edge
- Virus protection for mobile devices
- Protection against re-infection by preventing propagation from an infected machine
- Optimized processing of emails to multiple users
- Engine updates as soon as they are available