



STORMSHIELD



MEMORY AND BEHAVIORAL PROTECTION

ENDPOINT SECURITY

NETWORK SECURITY | ENDPOINT SECURITY | DATA SECURITY

FACT: COMPUTERS AND SERVERS ARE STILL AT RISK

CONVENTIONAL TOOLS NO LONGER MEASURE UP

Despite pouring millions in investments into them, corporations can attest to **the failure of conventional defense tools** in the battle against targeted or sophisticated attacks.

Antivirus or HIPS tools offer a reactive rather than a proactive approach to detecting malicious programs and behaviors. They use signature bases restricted to known threats and often find themselves helpless against any new attacks.

Furthermore, hackers devise advanced camouflage mechanisms to cover their tracks and thereby manage to make their way past these signature-based protections.

INCREASINGLY ADVANCED AND TARGETED ATTACKS

Attacks are considered to be sophisticated if they can bypass conventional security mechanisms.

This level of sophistication is achieved as a result of the combination of multiple advanced attack methods, such as the exploitation of an application vulnerability (web server or PDF file reader), followed by the spread of a malware through the corporate network, or the retrieval of access to sensitive assets by fraudulently increasing privileges.

\$14 Billion

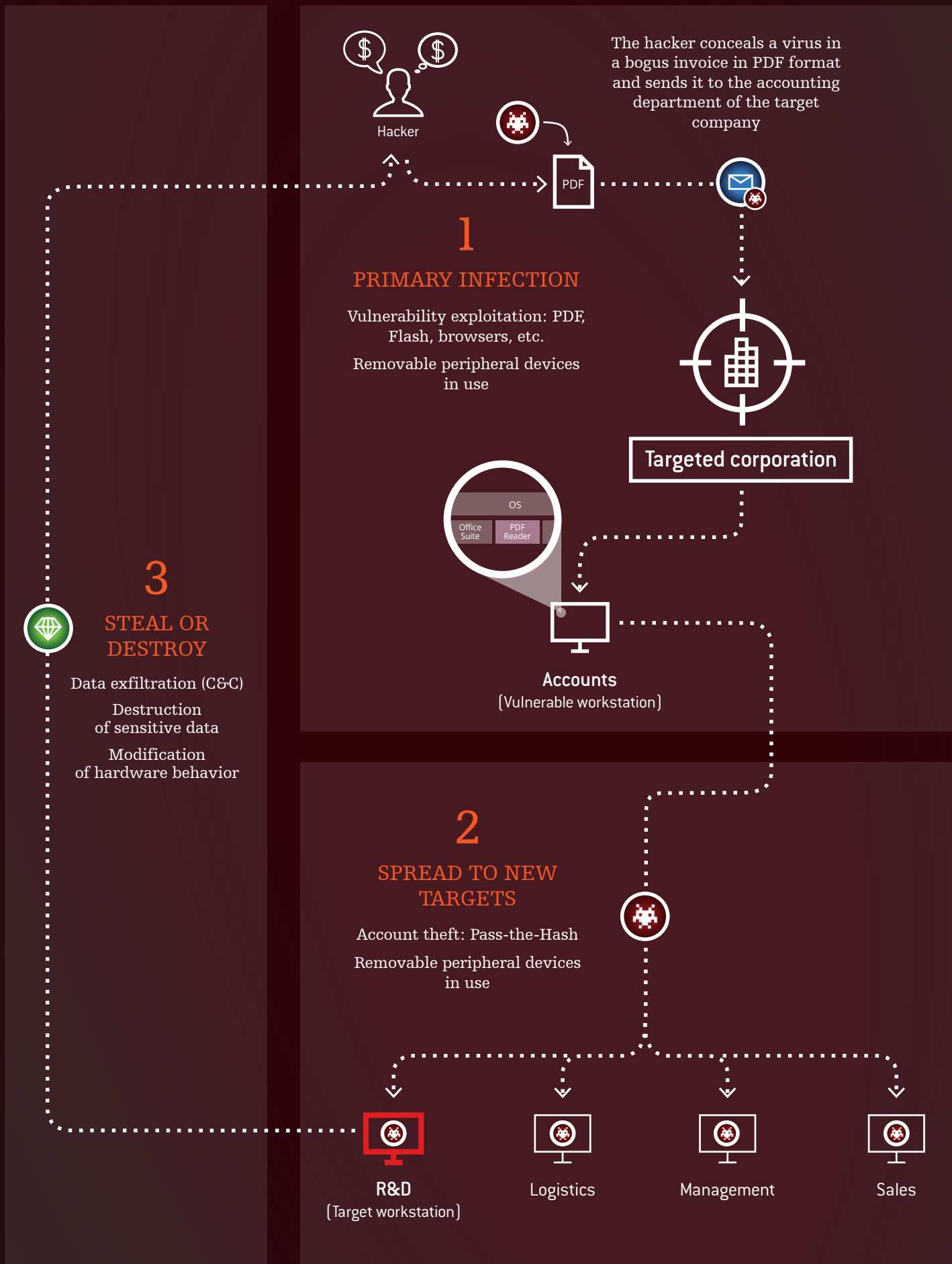
Cost of investments in conventional security tools in 2014

53%

Increase in the financial cost of an intrusion in 1 year

[Source : Global State of Information Security Survey]

How Advanced Targeted Attacks (ATA) work



A solution exists

Stormshield Endpoint Security protects you from Advanced Targeted Attacks (ATA)



Hacker



PDF

The hacker conceals a virus in a bogus invoice in PDF format and sends it to the accounting department of the target company



1

PROTECTING AGAINST UNKNOWN ATTACKS

Our unique protection blocks unknown attacks proactively, by detecting for example, the exploitation of a vulnerability.



Targeted corporation



Accounts

3

PROTECTING AND KEEPING DATA

Stormshield Endpoint Security embeds a wide array of protection, based both on signatures and behavioral analyses, which aim to detect data transfers or undesirable maneuvers.



2

BLOCKING THE SPREAD OF A THREAT

Stormshield Endpoint Security enables the prevention of account data theft through the granular monitoring of operations performed on the hard disk, on USB keys, on the registry database and even on the processes of the operating system.



R&D



Logistics



Management



Sales

SEO

Comprehensive and proven protection of servers and terminals

Stormshield Endpoint Security 2 products



FULL PROTECT

The Full Protect product utilizes a unique proactive signature-less technology which protects efficiently against unknown and sophisticated attacks.

PROTECTION FROM UNKNOWN THREATS

- Protection against the exploitation of vulnerabilities on the operating system
- Protection against the exploitation of vulnerabilities on third-party applications
- Monitors the integrity of the system's memory

PROTECTION FOR COMPUTERS

- Detection of malicious programs through behavioral analysis
- Reinforcement of the operating system
- Application control (whitelisting or blacklisting)
- Granular control over user privileges
- Granular control over the exfiltration of sensitive data

INTRUSION PREVENTION

- Firewall
- Network intrusion detection



FULL CONTROL

The Full Control product allows the granular definition of computer protection in a context that complies with the corporate security policies.

PERIPHERAL DEVICE MONITORING AND AUDIT

- Allows or blocks peripheral devices according to their type or serial number
- Blocks or restricts certain operations carried out by the peripheral device
- Protects against infection by external peripheral devices (e.g. by an infected USB key)
- Tracks files copied to a particular peripheral device and/or by a particular user
- Evaluates file transfers (appropriate or otherwise)

COMMUNICATION CONTROL

- Firewall
- Quarantining of infected PCs
- Authorization of public Wi-Fi hotspots only when the corporate VPN is used
- Whitelisting of corporate Wi-Fi access points
- Imposition of WPA/WPA2 security standards
- Prohibition of Wi-Fi in ad-hoc mode

Both products may be enabled in the same management console and on the same agent.

VARIOUS OPTIONS ARE AVAILABLE

ENCRYPTION

SURFACE ENCRYPTION

Encryption of the disk with pre-boot authentication

One-time authentication (SSO) with Windows session

Centralized administration, role segregation

Safe file deletion

SECURITY MONITORING

ADVANCED MONITORING SERVICE RANGE

Vulnerability analysis that covers operating systems or applications

Periodic generation of an analysis report that attests to the actual level of protection

Recommendations provided to deal with any residual risks

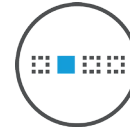
Efficient response for operating systems that are no longer supported

STORMSHIELD ENDPOINT SECURITY IN A FEW KEY POINTS



A RESPONSE FOR EVERY TYPE OF THREAT

You are protected from the remote exploitation of vulnerabilities, the threat of malicious internal users, data leaks, and attacks specific to certain types of sensitive environments (SCADA, point of sale, etc.).



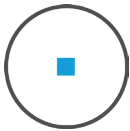
EASY INTEGRATION

Compatible with all antivirus protection solutions, Stormshield Endpoint Security provides an additional level of security.



CENTRALIZED ADMINISTRATION

Managing Stormshield Endpoint Security products and options is a simple affair involving a single console.



A SOLUTION ADAPTED TO OFFLINE ENVIRONMENTS

For environments governed by tight constraints, such as industrial systems, the solution's proactive approach keeps the environment safe without updating signature bases.



A CLOUD-READY SOLUTION

Stormshield Endpoint Security's management server can be installed in a public or private cloud infrastructure, allowing you to easily integrate our security solution without the constraint of hardware restrictions.



STORMSHIELD

Stormshield, a fully-owned subsidiary of Airbus Defence and Space, offers innovative end-to-end security solutions to protect networks (Stormshield Network Security), computers (Stormshield Endpoint Security) and data (Stormshield Data Security).

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