STORMSHIELD

A GLOBAL SOLUTION ADAPTED TO THE CONSTRAINTS OF OPERATIONAL TECHNOLOGY

INDUSTRIAL SECURITY

NETWORK SECURITY   I   ENDPOINT SECURITY   I   DATA SECURITY

OT - A DIFFERENT SET OF CONSTRAINTS

MAJOR SECURITY CHALLENGES

Industrial systems (OT), like information infrastructures (IT), are permanently exposed to the threat of external attacks or internal malicious acts. In an industrial setting, the human and environmental risks incurred may be particularly critical - equipment must be available at all times to prevent the potentially significant consequences of production coming to a standstill.

PROFUSION OF SYSTEMS AND CONTRIBUTORS

The management of networks and IT operating systems involves clearly identified responsibilities in the corporation with each business unit managing its own applications. In the industrial world, installations may depend on processes devised and maintained by external service providers. As a matter of fact, such internal and external interactions require **iterative inventories** and **management of regulated access by external service providers**.

IT/OT: SYSTEMS WITH MUCH IN COMMON BUT UNDER DIFFERENT OPERATIONAL CONSTRAINTS

If budgets for security systems tend to be similar, the principles of continuous improvement and the pace of deployment are peculiar to individual operational constraints.
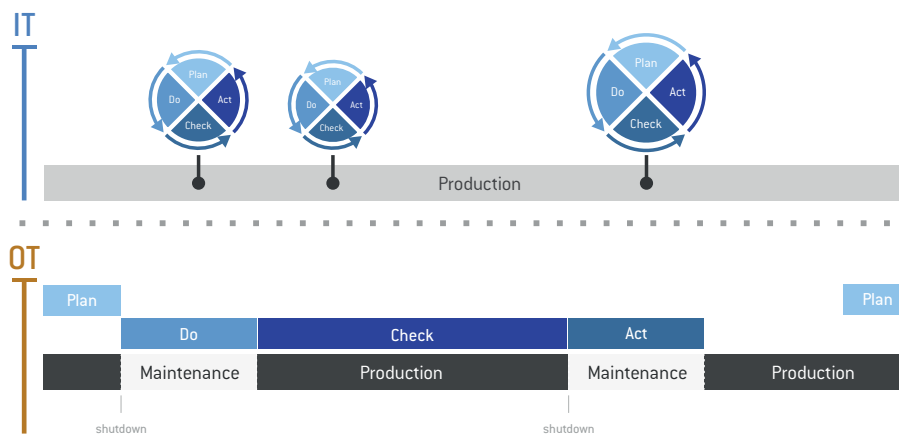
During production phases, industrial systems have to remain stable and act as airtight perimeters. In IT, collaboration between individual users prevails while perimeters, however, remain open.

Stormshield Security Solutions for Industrial Systems

GLOBAL PROTECTION FOR NETWORK INFRASTRUCTURES AND OPERATIONAL INDUSTRIAL SYSTEMS

DETECT AND PROTECT WITHOUT LEAVING ANY IMPACT ON YOUR INDUSTRIAL ACTIVITY

By incorporating Stormshield security solutions into both OT (Operational Technology) as well as IT (Information Technology), your production systems will be protected by a combination of technologies that leave no undesirable impact on your business activity. All your systems will therefore be equipped with a unique technical solution adapted to both worlds.

MAP YOUR ACTIVE APPLIANCES

Thanks to our visual monitoring tool, view the list of active appliances on your network in real time. This global view of your network provides welcome assistance in the regular management of your system's inventory.

INTEGRATE A PRODUCT ADAPTED TO YOUR ENVIRONMENTS

With Stormshield Network Security's global solution, integrate a single software product for a one-stop administration process regardless of the area of activity (OT or IT). This software is available according to your requirements in strengthened Hardware IT or OT formats for the protection of PLCs (Programmable Logic Controllers).

STAY IN CONTROL OF YOUR OPERATIONAL WORKSTATIONS

In a Microsoft Windows environment, workstations represent sensitive points in your operational system. To secure them, the Stormshield Endpoint Security solution allows you to block USB keys and other removable devices. This proactive solution is ideal in offline environments as it does not use any signature base and therefore does not require any updates.

KEY POINTS OF SECURITY SOLUTIONS

Stormshield Network Security
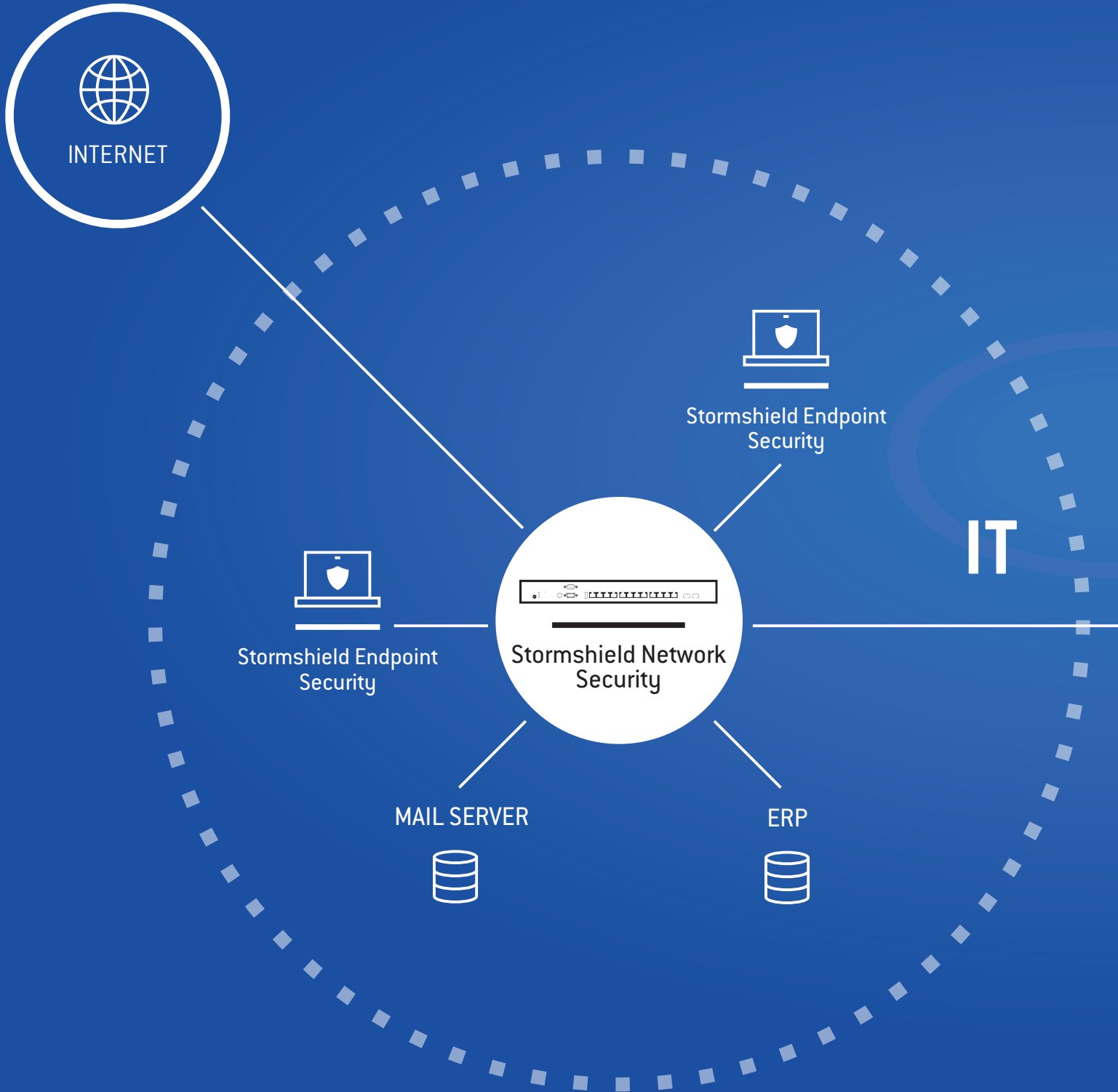Unique solution for industries and IT

- 15 years of experience in IT security
- A single program for all appliances
- Standard 1U/2U and ruggedized DIN hardware
- IP-based protocols
- Industrial protocols: DNP3/S7/Modbus
- Innovative vulnerability detection tool

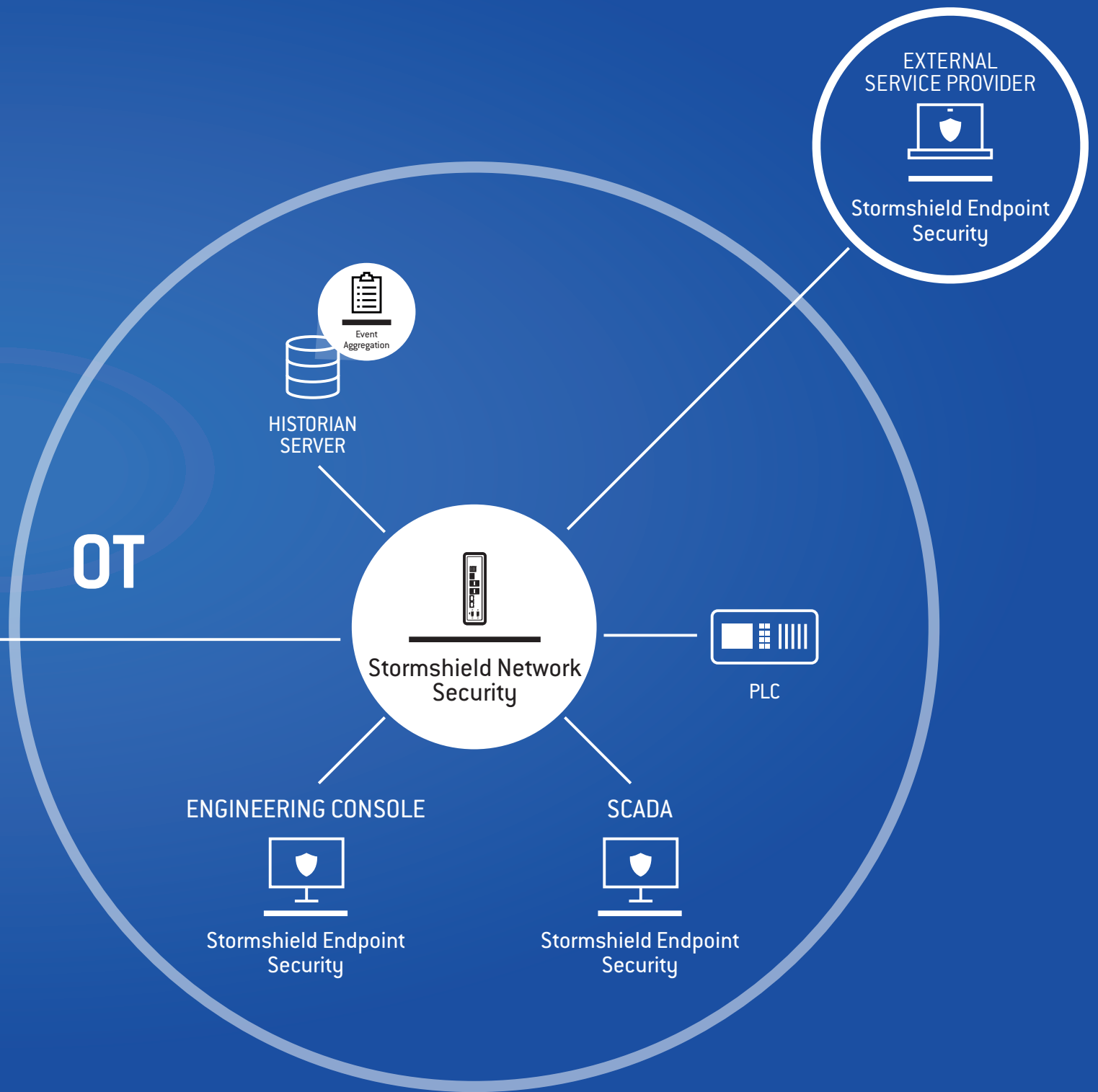### Stormshield Endpoint Security
for Microsoft Windows workstations

- 13 years of experience in Endpoint security
- Unique signatureless behavioral technology that relies on proactive protection from known and unknown attacks.
- Context-based policy that allows validating external service providers' access to the OT network
- Control of removable devices (USB keys, external hard disks)

A global tech
for the indu

INTERNET

Stormshield Endpoint
Security

IT

Stormshield Endpoint
Security

Stormshield Network
Security

MAIL SERVER

ERP

nical solution
ustrial world

EXTERNAL
SERVICE PROVIDER

Stormshield Endpoint
Security

Event
Aggregation

HISTORIAN
SERVER

OT

Stormshield Network
Security

PLC

ENGINEERING CONSOLE

Stormshield Endpoint
Security

SCADA

Stormshield Endpoint
Security

STORMSHIELD

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