



**SMS**  **group**

PRODUCT FACT SHEET

# X-PACT® DEFENSE IN DEPTH

Holistic IT/OT security



With our Defense in Depth approach, we protect IT/OT infrastructures from cyber attacks and so help to secure high availability levels for the plants and equipment concerned.

The X-Pact® Defense in Depth concept for IT/OT security is based on IEC 62443 and takes a customized solution approach by combining several measures according to the level of protection required for the automation infrastructure in the customer's plant.

## CHALLENGES CUSTOMER



- › Plant availability in a changing threat landscape
- › Potentially high risk of inadvertent attacks (ransomware)
- › Continuous risk management
- › Application of security updates that take all relevant aspects into consideration
- › Disaster recovery capability
- › Monitoring and evaluation of system events

## ADVANTAGES OF PRODUCT



- › Avoidance of production stoppages
- › Risk and related asset management
- › Zoning and authorization model of the OT infrastructure and its components
- › Centralized logging with optional anomaly detection
- › Continuous monitoring of critical components
- › Support throughout the lifecycle of the plant

# Product highlights

## RISK ASSESSMENT

### ***Risk analysis as foundation for security concept***

The risk analysis covers the installed components and the relevant availability, integrity and confidentiality requirements, thus enabling an evaluation to be made of the risk to the overall plant, for both new and existing. Appropriate security measures are then defined for each individual case.

## IMPLEMENTATION

### ***Security tailored to your needs***

The scope could include a network zoning, the associated implementation of firewalls, installation of monitoring and logging systems, but also an antivirus protection, patch management, or data backup. In the next step, individual components are protected by system hardening.

## STANDARD SERVICE

### ***Operation of security measures***

Our experts support with installing updates and ensure any necessary configuration changes, monitoring the availability of the network infrastructure, as well as completing regular virus scans including reports. In addition, data backups are included in the package, as well as regular recovery tests.

## EXTENDED SERVICE

### ***Keeping security measures continuously up-to-date***

This package includes a regular risk assessment and recurring evaluation to determine whether any measures taken are sufficient or whether additional action is required. If our experts identify new vulnerabilities in the installed components, you will be supported with workarounds if no updates are available.



Contact details

Feel free to use our contact form for questions, inquiries or personal contact:  
<https://www.sms-group.com/services/x-pact-defense-in-depth>