

Basics of Industrial Security for process industries (ST-SECPA1)

Short Description

The training is designed to deliver an overview of the secure operation of plants.

Objectives

Participants are introduced to the dangers for industrial plants, analysis of potential weaknesses, evaluation of risks, and how to protect plants in the process industry from attack.

Target Group

- Project managers, project workers
- Process engineers
- Configuration engineers, programmers
- Commissioning engineers
- Security officers

Content

- Why is industrial security necessary (threats, case studies)?
- What are the differences between Office IT and Industrial IT?
- Which guidelines and standards help to reduce risks?
- What is malware?
- What does the security concept defense in depth encompass?
 - Plant security (physically, organizationally)
 - Network security (firewall, communication)
 - System integrity (hardening, user and patch management, recognizing harmful software)

Prerequisites

- Basic knowledge of process automation systems (corresponding to the WBT WT-PZE)
- Basic knowledge of networking (corresponding to the WBT WT-IEOSI)

Type

Face-to-face training

Duration

2 days

Language

en