

## 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

---

To prepare for the training, please work through the WBT [Data communication with Industrial Ethernet](#).

### Type

---

Face-to-face training

### Duration

---

2 days

### Language

---

en