SIEMENS

Security in Industrial Networks with Siemens SCALANCE / 基于西门子SCALANCE的工业安全技术 (A7243)

Objectives

You will be shown numerous ways to improve the protection of know-how and process sequences from attacks, espionage, and manipulations. During the course you will become familiar with products that feature Integrated Security and learn how to use them. Because the course does not just cover theoretical security concepts, there is also ample opportunity to implement them in practical exercises. At the end of this course, you will know the requirements and fundamentals needed to plan, implement, and provide support for industrial security measures in network security.

Target Group

- Technical sales personnel
- Industry: COOs, commissioning engineers, project engineers, maintenance and service technicians
- IT: CIOs, network architects, administrators, service personnel

Content

- Current trends and security risks
- Defense-in-depth with Siemens – a holistic security concept
- Update and replacement of security components
- Potential threats in a network
- Basic security measures (ports, passwords, protocols, etc.)
- Cell protection concept
- Access restriction
- Remote access via VPN
- Comprehensive exercises using the SIMATIC NET
- Certificate Exam

Prerequisites

Able to understand Ethernet Fundamentals in Industrial Networks

Type

Face-to-face training

Duration

3 days

Language

zh

Fee

5,500 CNY

copyright by Siemens AG 2026