SIEMENS

Monitoring and Configuration SINEC NMS with SCALANCE - Virtual (IEN-IKOILMONCS)

Type

Virtual Instructor-led Learning

Duration and Continuing Education Units (CEU)

7 Hours (Schedule varies)
0 CEUs

Target Group

- Commissioning
- Engineer
- Operator

Short Description

This virtual course is one of Siemens Industrial Networks Education Courses, available for engineers looking to obtain this Certified Professional for Industrial Networks (CPIN) designation.

Objectives

- How to use the network monitoring and management system SINEC NMS to monitor, document, and configure their network from a central location
- How to plan, implement, and maintain their network management solution
- What the requirements and solutions are for monitoring and managing industrial networks with SINEC NMS

Content

- Fundamentals of network monitoring
- Documentation and inventory of networks to create transparency
- Detection and diagnostics of network events
- Customized and clear depiction of the monitored network
- Evaluation and optimization of network performance
- Monitoring of third-party devices (manufacturer-independent network monitoring)
- Central user management with UMC (User Management Component)
- Integration of network monitoring data into a higher-level HMI system
- Implementation of policy-based network configurations with SINEC NMS
- Central Firewall and NAT Management
- Network monitoring with multiple SINEC NMS Operations

Recommended Prerequisites

Fundamentals of Industrial Networking: IEN-NETFUND1A

Note

Throughout the course, students will have ample time for practical exercises, diagnostics, and troubleshooting. The course uses equipment demonstrated virtually to provide realistic demonstrations.

Language

English