

## Monitoring and Configuration with SINEC NMS for RUGGEDCOM-Virtual (IEN-IKOILMONCR)

---

### Global Reference

---

Network Monitoring & Configuration SINEC NMS with RUGGEDCOM (IK-MONCR)

### Type

---

Virtual Instructor-led Learning

### Duration and Continuing Education Units (CEU)

---

21 Hours (Schedule varies)  
0 CEUs

### Target Group

---

- Engineer
- Operator

### Short Description

---

This 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 the network monitoring data with external systems
- Implementation of policy-based network configurations with SINEC NMS
- Central firewall and NAT management
- Network monitoring with multiple SINEC NMS Operations

### Mandatory Prerequisites

---

[Fundamentals of Industrial Networking - Virtual: IEN-NETOILFUND](#)

## Note

---

Throughout the course, students will have ample time for practical exercises, diagnostics, and troubleshooting. The course uses a hands-on model for realistic demonstrations.

## Language

---

English

---

Course descriptions are Siemens Intellectual Property and copyright protected. Do not modify without written permission from SITRAIN US. ©2023 Siemens Industry, Inc.