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IEC 62443-2-1:2024 REQUIREMENTS TRAINING

Secure Your Place Today!

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COURSE OVERVIEW

Elevate your Industrial Automation and Control Systems (IACS) security with this intensive 1-day course. Specifically designed around the newly released IEC 62443-2-1:2024 standard, this training bridges the gap between theoretical OT security and real-world application.

Through a mix of engaging discussions and practical exercises, I will help you navigate the 8 Security Program Elements (SPEs) to evaluate your current setup, pinpoint gaps, and build robust security policies that protect your operations from modern industrial cyber threats.

DURATION

1 day / 8 hours

COURSE OBJECTIVE

To ensure that participants can assess their organization's current OT security posture.

LEARNING OUTCOME

Participants will be able to evaluate readiness against the IEC 62443-2-1:2024 standards and identify gaps in Cybersecurity Management System (CSMS).

LEARNING ACTIVITIES

- Lecture
- Demonstration
- Simulation
- Discussion Group



COURSE OUTLINE

Module 1: Introduction to IEC 62443

- IEC 62443 Series
- Concepts

Module 2: Organizational Security Measures

- Security related organization and policies
- Security assessment and reviews
- Security of physical access

Module 3: Configuration Management

- Inventory Management to IACS hardware software components and network communications

Module 4: Network & Communications

- System segmentation
- Secure wireless access
- Secure remote access

Module 5: Component Security

- Components and portable media
- Malware Protection
- Patch Management

Module 6: Protection of Data

- Protection of Data

Module 7: User Access Control

- Identification and Authentication
- Authorization and access control

Module 8: Security Event Monitoring

- Event and incident management

Module 9: Integrity & Availability

- System availability and intended functionality
- Backup/restore/archive