

ISA/IEC 62443 Cybersecurity Fundamentals Specialist Training

COURSE CONTENT

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Multisoft Systems
B - 125, Sector - 2, Noida



(+91) 9810-306-956



info@multisoftsystems.com



www.multisoftsystems.com

About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

The ISA/IEC 62443 Cybersecurity Fundamentals Specialist training by Multisoft Systems is designed for professionals seeking a strong foundation in industrial cybersecurity. Based on the internationally recognized ISA/IEC 62443 series of standards, this course provides a comprehensive understanding of securing industrial automation and control systems (IACS).

Module 1: Understanding the Current Industrial Security Environment

- ✓ What is electronic security for industrial automation and control systems (IACSs)?
- ✓ How IT and the plant floor are different and how they are the same

Module 2: How Cyberattacks Happen?

- ✓ Understanding the threat sources
- ✓ Steps to successful cyberattacks

Module 3: Creating A Security Program

- ✓ Critical factors for success

Module 4: Understanding the ANSI/ISA-62443-2-1 (ANSI/ISA-99.02.01-2009), Security for industrial automation and control systems, Part 2-1: Establishing an industrial automation and control systems security program

Module 5: Risk Analysis

- ✓ Business rationale
- ✓ Risk identification
- ✓ Classification
- ✓ Assessment

Module 6: Addressing Risk with Security Policy, Organization, and Awareness

- ✓ Cybersecurity management system scope
- ✓ Organizational security

- ✓ Staff training and security awareness

Module 7: Addressing Risk with Selected Security Counter Measures

- ✓ Personnel security
- ✓ Physical and environmental security
- ✓ Network segmentation
- ✓ Access control

Module 8: Addressing Risk with Implementation Measures

- ✓ Risk management and implementation
- ✓ System development and maintenance
- ✓ Information and document management

Module 9: Monitoring and Improving the CSMS

- ✓ Compliance and review
- ✓ Improve and maintain the cyber security management system (CSMS)

Module 10: Validating or Verifying the Security of Systems

- ✓ What is being done?
- ✓ Developing secure products and systems