

ISA/IEC 62443 Cybersecurity Design Specialist Training

COURSE CONTENT

GET IN TOUCH



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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 Design Specialist Training by Multisoft Systems is designed to equip professionals with the knowledge and skills required to design secure industrial automation and control systems (IACS) following globally recognized standards. This comprehensive training focuses on the ISA/IEC 62443 series, which sets out security guidelines and best practices to protect critical infrastructure against cyber threats.

Module 1: Introduction to the ICS Cybersecurity Lifecycle

- ✓ Assessment phase
- ✓ Implementation phase
- ✓ Maintenance phase
- ✓ Conceptual design process

Module 2: Interpreting risk assessment results

- ✓ Cybersecurity requirements specifications
- ✓ Developing a conceptual design
- ✓ Conceptual design specification
- ✓ Detailed design process

Module 3: Safety Development Lifecycle (SDL)

- ✓ Types of technology
- ✓ Selecting appropriate technology
- ✓ Developing a detailed design
- ✓ Documenting the design/specification
- ✓ Design and implementation examples

Module 4: Firewall design example

- ✓ Remote access design example
- ✓ System hardening design example
- ✓ Intrusion detection design example
- ✓ Testing

Module 5: Developing test plans

- ✓ Cybersecurity Factory Assessment Test (CFAT)
- ✓ Cyber Security Assessment Tool (CSAT)