

ISA/IEC 62443 Cybersecurity Maintenance Specialist Training

COURSE CONTENT

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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 Maintenance Specialist training by Multisoft Systems is designed to equip professionals with the expertise required to maintain, assess, and enhance the cybersecurity posture of industrial automation and control systems (IACS). As cyber threats continue to grow in sophistication, ensuring the ongoing protection of critical infrastructure has become a top priority across industries such as energy, manufacturing, transportation, and utilities.

Module 1: Introduction to the ICS Cybersecurity Lifecycle

- ✓ Identification & Assessment phase
- ✓ Design & Implementation phase
- ✓ Operations & Maintenance phase

Module 2: Network Diagnostics and Troubleshooting

- ✓ Interpreting device alarms and event logs
- ✓ Early indicators
- ✓ Network intrusion detection systems
- ✓ Network management tools

Module 3: Application Diagnostics and Troubleshooting

- ✓ Interpreting OS and application alarms and event logs
- ✓ Early indicators
- ✓ Application management and whitelisting tools
- ✓ Antivirus and endpoint protection tools
- ✓ Security incident and event monitoring (SIEM) tools

Module 4: IACS Cybersecurity Operating Procedures & Tools

- ✓ Developing and following an IACS management of change procedure
- ✓ Developing and following an IACS backup procedure
- ✓ IACS configuration management tools
- ✓ Developing and following an IACS patch management procedure
- ✓ Patch management tools
- ✓ Developing and following an IACS antivirus management procedure
- ✓ Antivirus and whitelisting tools
- ✓ Developing and following an IACS cybersecurity audit procedure
- ✓ Auditing tools

Module 5: IACS incident response

- ✓ Developing and following an IACS incident response plan
- ✓ Incident investigation
- ✓ System recovery