



IEC 62443 Cybersecurity Certificate

Course Outline & Module Information

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About IEC 62443 Cybersecurity Certificate

Industrial cybersecurity is a crucial area that deals with industrial information systems. It involves studying potential attacks and threats to industrial information, identifying gaps, devising and implementing industrial cybersecurity solutions and considerably mitigating risks.

Given the damage an industrial cyber-attack can cause to the company's data, infrastructure, connected equipment, the entire ecosystem could be compromised. This makes industrial cybersecurity a critical aspect of any cyber-physical operation.

Industrial cybersecurity solutions are a way to prevent and combat industrial cyber-attacks. However, amid the ever-evolving nature of cyber-attacks and the dynamic cybersecurity horizon, the solutions must be sustainable and solid enough to identify cyberattacks and enhance proactive preventive measures.

Module Information

- Introduction to Industrial Cybersecurity
- Overview of IEC 62443 Standards
- Terminology, Concepts, and Models
- Policies and Procedures
- System Security Requirements and Security Levels
- Component Security

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