

Cybersecurity Awareness for Operational Technology

Course Code

CAOT

Course Overview

The integration of IT (Information Technology) and OT (Operational Technology) networks provide advantages like streamlined processes and enhanced collaboration. However, this interconnectedness also opens new avenues for cyber threats.

Industrial cybersecurity plays a vital role in safeguarding these systems. By implementing robust security measures, companies can protect their critical infrastructure from potential attacks, ensuring the safety and reliability of their operations.

Cybersecurity awareness training educates employees about potential cyber threats and proper security practices can significantly reduce the risk of breaches.

Who Can Take This Course

All personnel interested in understanding OT security without delving into its technical aspects.

Course Methodology

Lectures, discussions and short quizzes.

Course Outline

You will learn

Lesson 1: Introduction to Industrial Automation and Control Systems (IACS) Cybersecurity

- What is IACS Cybersecurity?
- Common ICS Cybersecurity Myths
- Differences between IT and IACS

Lesson 2: Common Cybersecurity Threats/Attacks

- Types of Cybersecurity Threats/Attacks
- Increase in Cybersecurity Attacks
- Case Studies of Cybersecurity Attacks in IACS

Lesson 3: Concept of IACS Security Program

- Components of IACS security program in general
- Understand the purposes of Cybersecurity standards/frameworks
- Understand the importance of Cybersecurity lifecycle

Lesson 4: Introduction to Security Control

- Network security
- Endpoint protection
- Response and recovery
- Situational awareness

Duration

1 day

Certification

Participant who attains at least 75% attendance will be awarded Certificate of Attendance.

Venue

Yokogawa Engineering Asia Pte. Ltd.
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Enquiries

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Refund Policy Statement

Request for withdrawal must be made in writing to Yokogawa Engineering Asia Pte Ltd. Candidate under sponsorship of company must submit withdrawal request written by authorized representative of company. Refund will only be given on advanced notice from course commencement date.

Refund Scheme

Written Notice of Withdrawal is received	Percentage of Refund
Two weeks or more prior to course commencement date	100%
Less than two weeks prior to course commencement date	50%
On or after the course commencement	0%

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