GTC Transforming Emerging Economies

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Cybersecurity, Safety, and Physical Security Integration for Critical Assets

COURSE OVERVIEW

This course examines the convergence between cybersecurity, safety management, and physical security in safeguarding critical assets across industries. It highlights how modern threats transcend digital and physical boundaries, requiring a unified approach to risk management, asset protection, and resilience building. Participants will gain insight into emerging cyber physical risks, regulatory expectations, and practical frameworks for integrating technology, people, and processes to protect critical infrastructure and organizational operations.

WHO SHOULD ATTEND?

This course is designed for decision makers, senior managers, security professionals, IT and OT specialists, facility managers, regulators, and crisis response teams who are responsible for safeguarding critical infrastructure and high value assets. It is also suitable for professionals in energy, transportation, finance, telecommunications, government, and other sectors where cyber and physical threats intersect.

COURSE OUTCOMES

Delegates will gain the skills and knowledge to:

- Understand the interplay between cybersecurity, safety, and physical security in protecting critical assets.
- Assess vulnerabilities across cyber-physical systems and develop integrated mitigation strategies.
- Apply industry best practices and compliance frameworks to enhance resilience and asset protection.
- Strengthen decision-making and coordination during multi-domain threat scenarios.
- Develop actionable policies, procedures, and controls to address evolving risks.

KEY COURSE HIGHLIGHTS

At the end of the course, you will understand;

- The need and benefits of integrating cybersecurity, safety, and physical security for critical assets.
- How to design unified security frameworks addressing digital and physical threats.
- Techniques for conducting comprehensive risk assessments across cyber-physical domains.
- Coordinated incident response and management strategies.
- Best practices for maintaining resilient security in complex environments.
- How to implement advanced technologies like IoT and AI for integrated security monitoring.
- Approaches to compliance, policy alignment, and security culture development.

All our courses are dual-certificate courses. At the end of the training, the delegates will receive two certificates.
1. A GTC end-of-course certificate
2. Continuing Professional Development (CPD) Certificate of completion with earned credits awarded