



Information Technology

Advanced Facilities Implementation and Integration for Security Control Systems

Course Introduction

This comprehensive course is designed for professionals at involved in implementing and integrating advanced security control systems across various facilities. It focuses on the unique challenges of integrating complex technology solutions in security-critical environments. Participants will learn cutting-edge techniques for seamless integration of security systems, ensuring optimal performance, reliability, and scalability.

Target Audience

1. Security Systems Engineer
2. Physical Security Specialist
3. IT Security Manager
4. Security Operations Center (SOC) Manager
5. Network Security Engineer
6. Facilities Manager
7. Systems Integration Engineer
8. Access Control Specialist
9. Surveillance Systems Administrator
10. Chief Security Officer (CSO)

Learning Objectives

- Develop comprehensive integration strategies for security control systems across multiple facilities
- Apply best practices in facilities implementation for high-security environments
- Manage the integration of diverse security technologies and protocols
- Implement effective change management strategies during facility upgrades

- Utilize advanced project management techniques for large-scale security implementations
- Ensure compliance with Saudi Arabian regulations and international security standards
- Optimize system performance and reliability in integrated security environments
- Develop risk mitigation strategies for complex security system integrations

Course Outline

• Day 01

Foundations of Security System Integration in Facilities Management

- Overview of security system integration challenges in Saudi Arabia
- Regulatory framework and compliance requirements for security facilities
- Assessment of existing infrastructure and integration needs
- Developing a comprehensive integration strategy for multi-facility security systems
- Case Study: Analyzing a complex security integration project in a Saudi government facility

• Day 02

Advanced Technologies in Security Facilities Implementation

- Cutting-edge security technologies and their integration challenges
- IoT and AI applications in security control systems
- Cybersecurity considerations in integrated security environments
- Interoperability standards and protocols for security systems
- Hands-on Session: Designing an integrated security solution for a hypothetical Tahakom project

• Day 03

Project Management for Large-Scale Security Implementations

- Agile and adaptive project management methodologies for security integrations
- Stakeholder management in high-security projects
- Risk assessment and mitigation strategies for facility implementations
- Quality assurance and testing protocols for integrated security systems

- Workshop: Developing a project plan for a multi-facility security integration project

- **Day 04**

Change Management and System Optimization

- Change management strategies for security system upgrades
- Performance optimization techniques for integrated security environments
- Scalability and future-proofing in facilities implementation
- Training and knowledge transfer for security personnel
- Practical Exercise: Conducting a simulated system upgrade and optimization process

- **Day 05**

Compliance, Continuous Improvement, and Future Trends

- Ensuring ongoing compliance with evolving Saudi and international security standards
- Continuous improvement methodologies for integrated security facilities
- Data analytics and predictive maintenance in security system management
- Emerging trends in security technology and their impact on facilities management
- Final Project: Presenting a comprehensive facilities implementation and integration plan for a Tahakom security project

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
May 4, 2025	May 8, 2025	5 days	4250.00 \$	KSA - Riyadh
July 14, 2025	July 18, 2025	5 days	2150.00 \$	Virtual - Online
Nov. 24, 2025	Nov. 28, 2025	5 days	4250.00 \$	UAE - Dubai

