

# € TRAINING

Security Architecture for Critical  
Infrastructure Protection





# Security Architecture for Critical Infrastructure Protection

## Introduction:

This training program provides specialized instruction in designing robust security architectures tailored to safeguard critical infrastructure and sensitive facilities. Through it, participants will be equipped with the knowledge and skills necessary to develop comprehensive security strategies to protect vital installations and effectively manage emergencies.

## Program Objectives:

At the end of this program, participants will be able to:

- Understand Best management practice and how to apply these principles.
- Plan security projects and implementing these effectively.
- Create a protection program to protect intellectual property in addition to physical assets.
- Run a proactive professional security team.

## Targeted Audience:

- Security supervisors/officers.
- Facility supervisors/officers.
- HR and administrative supervisors responsible for the security.

## Program Outlines:

### Unit 1:

#### Issues of Security Management:

- Strategic and Operation Management.
- The Management of Risk.
- Crime Management and Prevention.
- Management Standards.

### Unit 2:

## The Importance of Security Planning:

- Legal Obligations.
- Loss of Reputation.
- Planning and Managing Security Projects.
- Principles of Emergency Response and Recovery.

## Unit 3:

### Threats to Assets:

- Understanding Loss.
- Key Point Identification.
- Risk Analysis.
- Security Survey.
- Intellectual Property / Computer Security.
- Evacuation Planning.

## Unit 4:

### Principals of Asset Protection:

- Physical Security.
- Perimeter Security and Access Control.
- Security Lighting.
- Communication and Control Centres.
- Investigations / Interviewing.
- Special Risks.

## Unit 5:

### Implementing Asset Protection Program:

- Crisis Management Plans.
- Business Continuity Plans.



- Mutual Aid.
- Communication Strategies.
- Dealing with the Media.