



Certificate in Smart Security



Overview

The ACI Certificate in Smart Security introduces participants to the core concepts of Smart Security. It is designed to assist airports and screening authorities to adopt innovative screening solutions that strengthen security, increase operational efficiency and improve the passenger experience.

Objectives

On completion of this course participants will be able to:

- Understand the benefits and challenges of introducing Smart Security concepts in airports
- Recognise the key issues to be considered when deploying Smart Security solutions in your airport
- Know how to develop a business case justifying security checkpoint projects or investments

Who should enrol?

- Airport Security Managers
- Airport Security Committee Members
- Airport managers, supervisors or personnel with security responsibilities
- Anyone interested in a career in airport security
- Suppliers and service providers with security responsibilities at an airport (e.g. airport security providers, ground handlers etc.)

Course Content

The Certificate in Smart Security consists of the following seven modules:

1 Introduction to Smart Security

- The background to the Smart Security program and an overview of the content covered in the Smart Security Guidance Material

2 Checkpoint Management



- How to make the best use of checkpoint data and how to deploy checkpoint management systems
- Best practice methods for monitoring checkpoint performance, including critical checkpoint operations key performance indicators (KPIs) and key performance metrics (KPMs)
- The impacts on staff when deploying Smart Security solutions

3 Cabin Baggage Screening

- How to best leverage X-ray technology
- More advanced cabin baggage screening technology and procedures
- Alternative methods for cabin baggage and passenger screening, including Explosive Trace Detection (ETD) and Explosive Detection Dogs (EDD)
- How airports can effectively and efficiently increase unpredictability at the checkpoint
- Equipment intelligence and methods for optimizing secondary search

4 Passenger Screening

- How passenger security scanners can improve passenger screening
- Key factors that impact search optimization in the passenger screening environment
- Strategies airports can employ to maximize passenger screening effectiveness

5 Centralized Image Processing (CIP)

- How CIP works, key benefits and implementation considerations
- How automated decision support can be used in the screening process
- Human factors issues to be considered when implementing CIP

6 Checkpoint Design and Automation

- The key areas of the checkpoint and associated design and configuration considerations
- Options for automating the checkpoint
- Considerations for enhancing the look and feel of the checkpoint
- How to improve passenger communication and feedback

7 Building the Business Case

- What a business case is
- How a business case can help to justify security checkpoint projects or investments
- Recommendations for an effective business case
- The key elements and general structure of a business case

Assessment

This training course includes an integrated online assessment. Candidates must successfully complete the assessment to receive a Certificate of Completion.