

## *Course Objectives*

The objectives this **one-day** course are to give the delegates a succinct overview of biometric technology, its historical uses and current applications in areas of law enforcement, crime prevention and detection. Another important aim is to highlight external developments such as information sharing, e-borders and other government strategies and their implications for modern day law enforcement agencies.

## *Course Benefits*

On completion of this programme, you will:

- Gain increased awareness of the biometric technology and the wider issues
- Recognise the key components in the identity management process
- Appreciate the challenges in implementing a biometric solution
- Appreciate the social, ethical and legal ramifications of the use of biometrics
- Be able to use this knowledge for informed discussions

## *Course Overview*

This course gives a brief introduction to the main biometric and smartcard technologies as they underpin Identity Management, how they work and their applications in governmental institutions with particular emphasis on (a) the areas of law enforcement, crime prevention and detection and (b) internal identity management in a force sometimes called ‘doorway to desktop’ security. It also gives an overview of the issues an organisation must consider when planning to implement biometric solutions that in the future will need to interface with e-borders, e-visas and external police jurisdictions.

## *Expected Audience*

This high level course is valuable to senior police officers who are having to consider the implementation of a biometric-based application and need to understand:

- a) the fundamentals of the technology; and
- b) the need for inter-jurisdictional information sharing.

## *Contents*

1. Biometrics Imperative
  - Importance of Identification
  - The Issues and Initiatives – Historical Perspective
  - Biometrics is the Answer
2. Biometrics and Smartcards
  - Biometric Technologies
  - Strengths and Weaknesses
  - Accuracy
  - Choice of a Biometrics
  - Implementation Issues in Biometrics
  - Biometrics Standards
  - Biometrics and Smartcards
3. Biometric Applications
  - Physical and Logical Access Control
  - PITO Identification Roadmap
4. The Bigger Picture
  - Government Initiatives, Legislations and ID Management Relationships
  - External Pressures - the Wider Environment
5. The Future