

# Biometric Applications in the Banking Industry



## *Course Objectives*

This **one-day** course is designed to give the delegates an overview of biometric technology, how it works and the role it can play in addressing the identity management issues in the banking industry.

## *Course Benefits*

On completion of this programme, you will:

- **Gain** increased awareness of the biometric technology and the wider issues
- **Recognise** the key components of a biometric identity management system
- **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*

Crimes relating to identity theft and identity fraud are on the increase. Considering the costs associated with these crimes, the need for establishing the true identity of customers, employees and associates has never been more compelling. This course gives an overview of the challenges faced by the banking industry and how the emerging technology such as biometrics can play an important part in the financial security market over the coming years. A detailed overview of the biometric technology is given highlighting its accuracy, strengths and weaknesses and issues related to implementing a biometric solution for identity management are discussed. Examples of the worldwide current use of biometrics in the banking industry are presented.

## *Expected Audience*

This high level course is valuable to the senior managers, fraud reduction group, IT directors, IT security managers, risk managers, security analysts, security consultants and all other professionals who are having to consider the implementation of a biometric based application for identity management in a banking environment and need to understand the fundamentals of the biometric technology and its applications.

## *Contents*

1. Identification Conundrum
  - Challenges for the Banking Industry
  - Importance of Identification
  - Biometrics is the Answer
2. Biometrics and Smartcards
  - Biometric Technologies
  - Strengths and Weaknesses
  - Accuracy
  - Choice of Biometric
  - Implementation Issues in Biometrics
  - Biometrics Standards
- Biometrics and Smartcards
3. Applications in the Banking Environment
  - Identity Management
  - Physical and Logical Access Control
  - Transaction Control
4. Successful Implementation Considerations
5. Cost Benefit Analysis & ROI
6. The Future