

Biometric Access Control



Course Objectives

This **one-day** course is designed to give the delegates an overview of biometric technology and how it works in resolving issues in traditional attendance and time and access control applications.

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 access control 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

Access control is an everyday requirement for all of us as we all need to monitor who can and who cannot enter our premises, restricted areas or networks. Access control has traditionally been done through the use of cards, PINs and token readers. Increased popularity and use of biometrics in identity solutions, has given a new dimension to solving issues in attendance and time and access control systems. This course gives an introduction to the use of biometric technology in resolving issues in traditional methods of physical and logical access control.

Expected Audience

This high level course is valuable to IT directors, security managers, IT security managers, network managers, security analysts, security consultants and all other professionals who are having to consider the implementation of a biometric based application for physical or logical access control and need to understand the fundamentals of the biometric technology and its applications in access control systems.

Contents

1. Conventional Access Control Systems
 - The Current Situation in Access Control
 - The Issues with Current Solutions
 - Biometrics is the Answer
2. Biometrics and Smartcards
 - Biometric Technologies
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 - Accuracy
 - Choice of Biometric
 - Implementation Issues in Biometrics
 - Biometrics Standards
 - Biometrics and Smartcards
3. Biometric Physical and Logical Access Control Systems
 - Most Commonly Used Technologies
 - Systems Design
 - Implementation Issues
 - Systems Integration
 - Examples of Current Use
4. Successful Implementation Considerations
5. The Future