

ACCESS CONTROL (BIO METRIC) TRAINING SYLLABUS

- What is biometric
- Frauds in industry happens in the following situations
- Why Biometric Application
- Identification vs. Authentication
- Types of Biometrics
- 2D Biometrics (CCD,IR, Laser, Scanner)
- Hand Geometry
- Iris Code
- Face
- Access control required tools
- Identification,
- Authentication
- Authorization
- Fingerprints
- Retina scan
- Iris scan
- Voice print
- Facial scan process
- Biometric performance
- Types of Access control
- Administrative control
- Technical control
- Physical control
- Categories of access control
- Proximity cards
- Introduction proximity cards
- Biometric technique
- RS 485 communication line
- Smart Card
- Types of smart card
- Face Recognition and Fingerprint Identification Standalone Controller
- Wireless GPRS & Embedded Web server Fingerprint Identification Standalone Controller
- Total security solution provider
- Proximity Reader series
- Cards and Tag
- Advantages of swipe card door entry systems
- Disadvantages of door entry systems
- Finger print based access control systems
- Fingerprint introduction
- Fingerprint based systems
- What is a fingerprint Recognition
- Fingerprint principle



- Fingerprint Classes
- Arches
- Loops
- Whorls
- Identify each fingerprint pattern.
- Fingerprint SWAD
- Fingerprint Identification
- Fingerprint Technology
- Fingerprint Advantages & Disadvantages
- Face Recognition
- Types of Biometric
- Facial Recognition
- What is Face Detection?
- Importance of Face Detection
- Face Detection: current state
- Face Detection: challenges
- Template Matching Methods
- Face and Non-Face Exemplars
- Exhaustive Search
- How Facial Recognition system work
- Facial expression recognition
- Preprocessing
- Facial Features Detection
- FERET Database
- Face and Facial Feature Detection
- Side-View Face Detection
- Color-Based Face Detector
- Applications of Face Recognition
- Applications of Face Recognition
- Face Detection + Recognition
- Facial Recognition Advantages & Disadvantages
- Iris recognition Advantages & Disadvantages
- Software installation
- SQL SERVER – 2008 –Installation
- eTimeTrack Lite
- What is etime Track Lite Time attendance and payroll software
- Why you should use Time attendance and payroll
- eSSL- eTimeTrack Lite Feature
- eSSL- eTimeTrack Lite Software installation
- Networking
- Internet protocol addressing
- What is IP address
- Range of IP
- Loop Back IP Address
- Sub netting
- Configuring Tcp-Ip



CHIP SYSTEMS

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