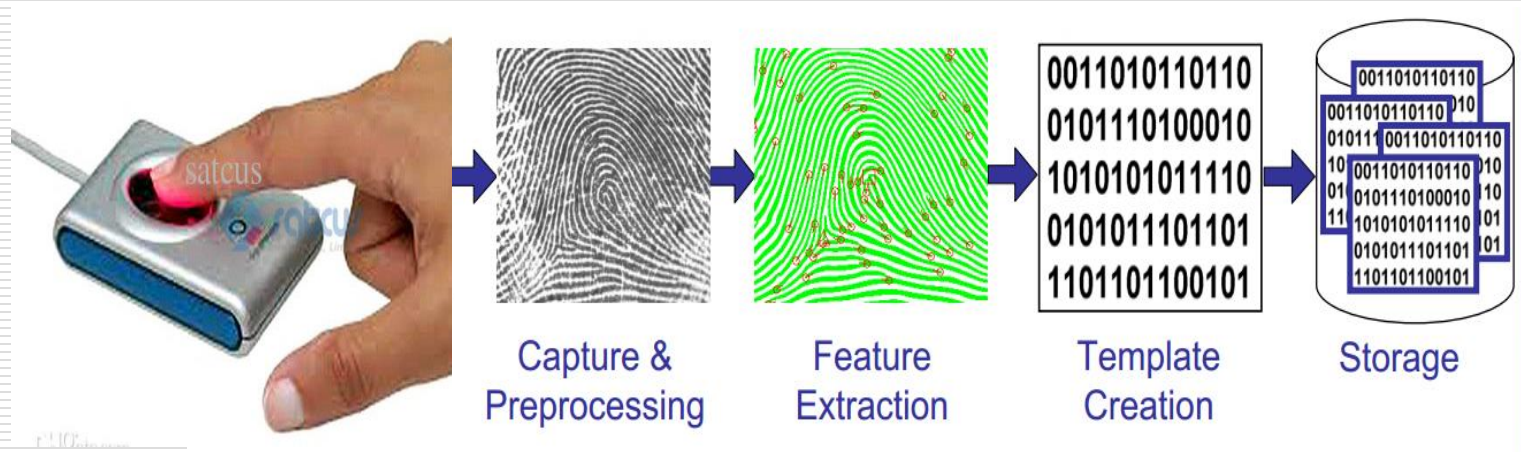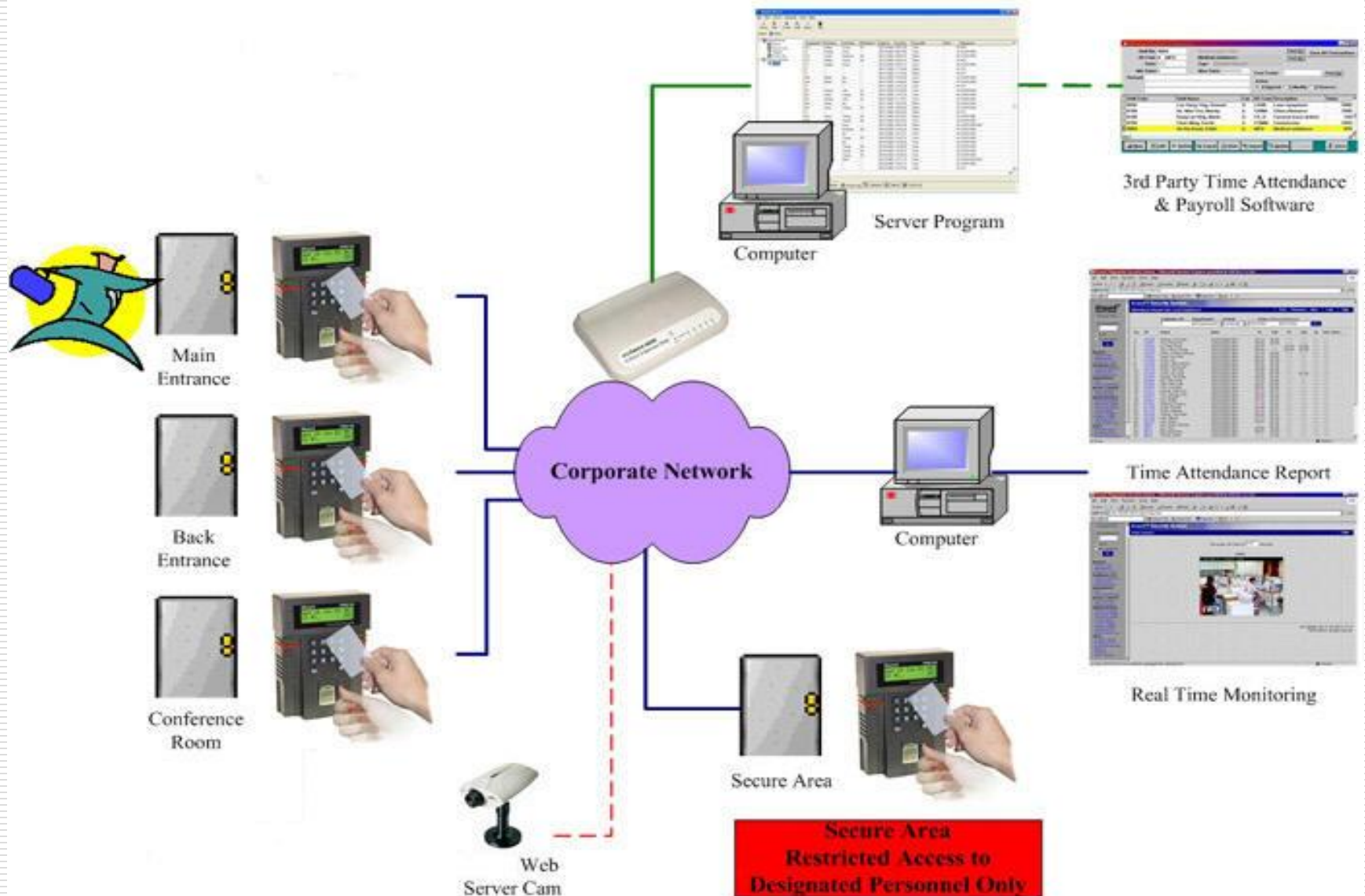# MCS GEOTECH (P) LTD

Biometric based –

Time & Attendance System

What is Biometric Technology

- ☐ It verifies identity of a person based on fingerprint pattern.
- ☐ So we can guarantee the actual presence of a person.

| Capture & Preprocessing | Feature Extraction | Template Creation | Storage |

How it works --- As Both Access Control & Time Attendance System

Server Program

Computer

3rd Party Time Attendance & Payroll Software

Main Entrance

Back Entrance

Conference Room

Corporate Network

Computer

Time Attendance Report

Real Time Monitoring

Web Server Cam

Secure Area

Secure Area Restricted Access to Designated Personnel Only

MCS GEOTECH (P) LTD

Broad Infrastructure Requirements

- **Biometric Device**
- **Server / Computer**
  - ☐ **T&A Software**
  - ☐ **Security**
  - ☐ **Fingerprint Data**
- **LAN - Networking**
  - ☐ **To connect Biometric device to computer**
- **Internet for Remote Reporting**

Deliverables of our Solution

- ❑ Daily Attendance
- ❑ Absent, Late, Early Leave, Over Time & Movements
- ❑ Multi Location & Multi Department Attendance
- ❑ Internet based centralized Reporting System for better control
- ❑ Flexible and powerful reporting capabilities
- ❑ SMS integration

Benefits from the solution

- ☐ Reduce manual Records preparation, collection, filling and storage.
- ☐ Significantly cut down on payroll processing time.
- ☐ Reduce the time required to schedule employees.
- ☐ Be more productive, efficient.

Reports and Analysis

- ☐ **Time/Attendance Reports**
  - ■ **Time/Attendance Detail**
  - ■ **• Time/Attendance Summary**
  - ■ **• Total Hours Detail**
  - ■ **• Total Pay Detail**
  - ■ **• Overtime Report**

- ☐ **Management Reports**
  - ■ **• Attendance Report**
  - ■ **• Early Exit Report**
  - ■ **• Overtime Report**
  - ■ **• Current Attendance Report**
  - ■ **Absent Report**

☐ **Payroll Reports**

   ■ **Payroll Detail Report**

   ■ • **Payroll Total Hours**

   ■ • **Payroll Total Summary**

Implementation Approach. HOW?

The project may be implemented in following stages:-

- ☐ Information gathering, RFP, BOQ's

- ☐ Infrastructure Analysis & Initial Training

- ☐ Specifications and Design of systems and Network

- ☐ Product Design & Development

- ☐ Product Testing

- ☐ Training

- ☐ Go Live

THANKS