



A Project Proposal on



Hand Held Portable Biometric Based Attendance System

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**& Still
Counting...**

Partial list of our valuable customers across India



The Proposal



**Proposal on Fingerprint based
Hand Held Biometric attendance system**

Micro LOG – Hand Held Attendance Recording System



- Microprocessor: 32-bit ARM CPU @ 120 MHz
- Display: 128x64 dot Graphic Display, EL backlight
- Morpho- Sagem Sensor 1000 Finger Templates (500 users) – Expendable to 5000 Users capacity (Optional)
- 100,000 Transaction Records.
- Memory: FLASH MEMORY: 16Mbit (upto 64Mbit);
- Keyboard: 16keys with Membrane Keys
- Communication - TCP/IP LAN Interface for on Line Data Push, Wi – Fi , GPRS (Optional)
- MIFARE Smart Card Reader Interface(Optional)
- Built In 4 hours battery back up
- USB Interface
- Serial Printer Interface(Optional)
- Working Temperature: -20°C-50°C
- Relatively Humidity: 20%RH to 95%RH (non condensing)

FORTUNA Hand Held Biometric Attendance solution

HARDWARE FEATURES :



Real time attendance:

Tracking of actual attendance time. Ideal for Green Field Operation. and Remote Locations.



Prevention of proxy attendance

1:N fingerprint based biometric identification



Data Security:

Biometric based two tier administration to manipulate the data



Communication:

TCP/IP , Wi - Fi , GPRS based on line Real time communication



Supervisor Log-in:

Professor Login using Finger Punching for enabling Student Attendance



Assigning the Dept. to Supervisor .

Multiple Department assignment to a Supervisor & selection of the Shift before Attendance



Easy Finger Enrolment of Employees & Supervisor in the Hand held Terminals

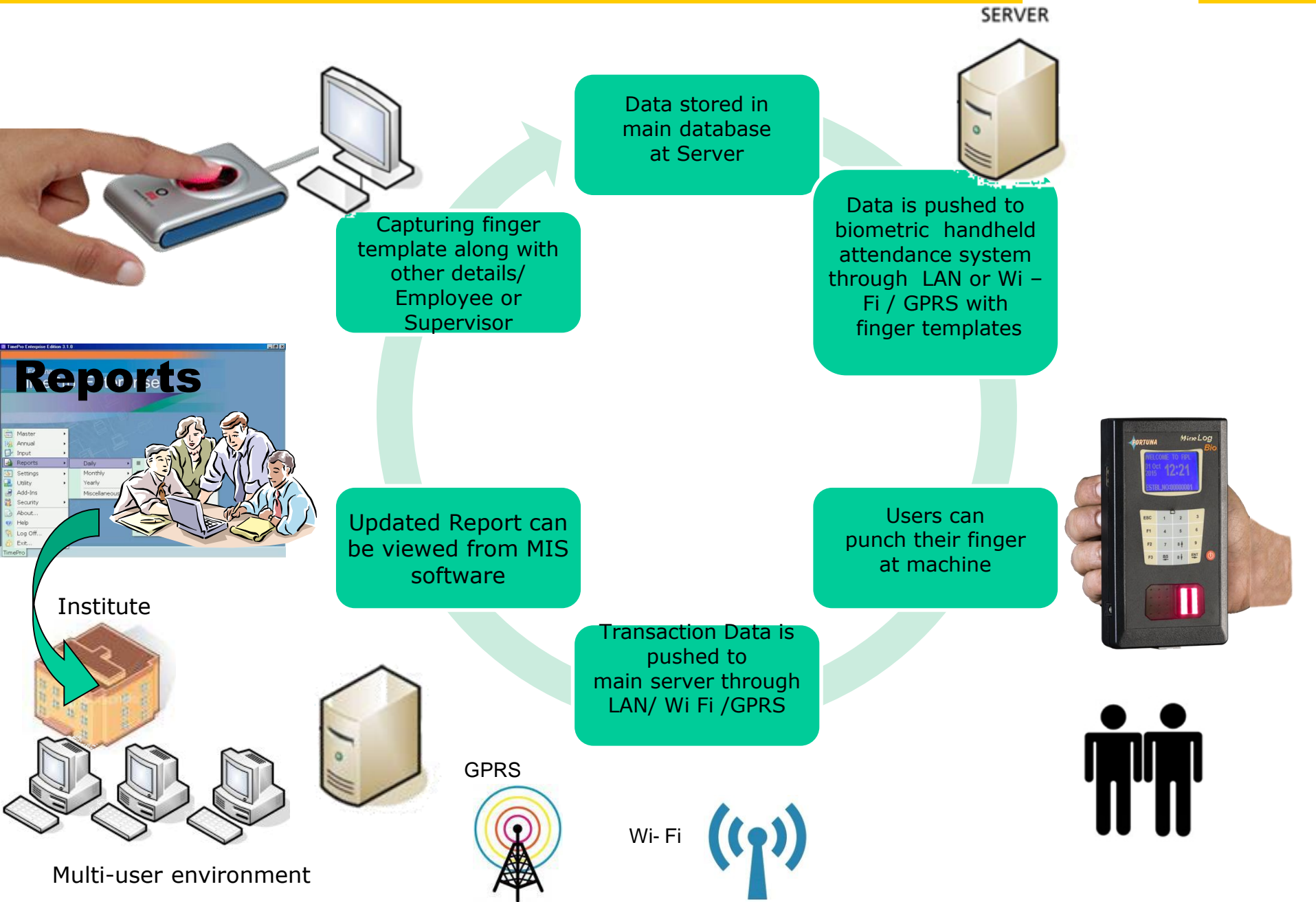
Biometric Machine has the facility of Finger enrolment for Supervisor and Employees locally





THE ENTIRE PROCESS FLOW AT A GLANCE

Flow Chart : Complete Cycle



Data capture & Connectivity to ERP

GPRS



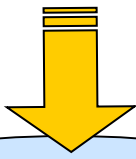
Device with GPRS with **Public IP**

Wi - Fi

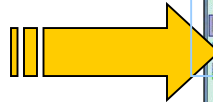
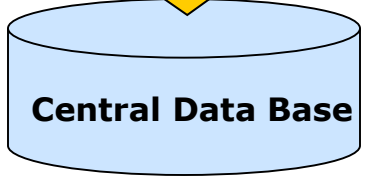
Device with Wi - Fi **Local IP**



Handheld Devices are controlled and necessary data Input provided by the Software installed at Server



Raw data download



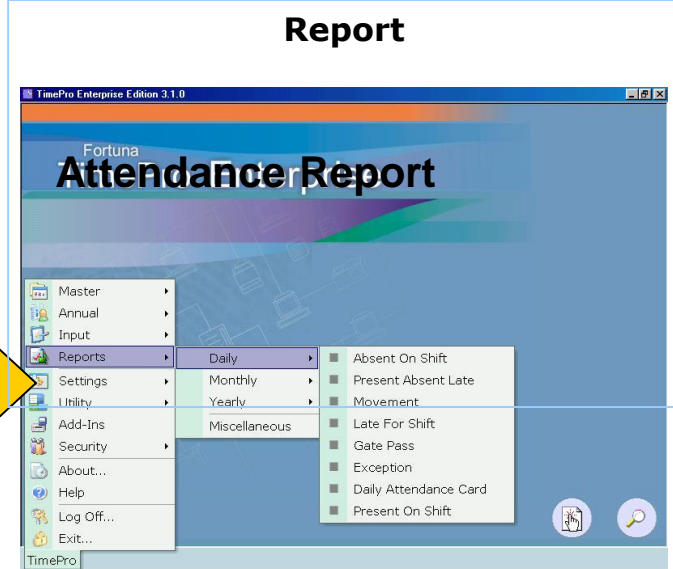
Raw data integration with Application Software

Report generated by your Application software



Application Software/ ERP

Report



We appreciate your patience to listen us



For more information, please feel free to contact

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