# Goldfinger

## Biometric Fingerprint & Time Attendance Solution

Introducing the new and affordable ACTAtek GoldFinger, a perfect web-based ideal platform to enable Time Attendance, Human Resources, Roster, and Payroll Developers to deliver an integrated fingerprint recognition solutions to end-customers.

The ACTAtek GoldFinger has a server-based application to manage all remote users clocked by a USB fingerprint sensor. It is easy to administer users from a central location. Automatically synchronizes the user data from multiple devices with ease, requiring virtually no input from the user. It is also scalable, consolidate log data from remote sites via the Cloud.

## KEY FEATURES & BENEFITS

Web-based solution with user friendly GUI to manage users and the remote site devices. Only Internet Browser is required.

Scalable.

Automated data synchronization with no input from the users.

Use MS SQL database, simple and easy 3rd party application integration via GoldFinger API.

## PROCESS & OPERATION

Clients install ACTAtek LogiPrint (USB FingerPrint scanner) on their PC, setup and connect the device with the server.

Actatek will collect the live clocked data from the USB terminals and store on a centralised server database.

Developer software periodically connect to the Actatek centralised server database via API to pull and process the clocked data creating timesheets or other reports based upon their applications and end-customers' requirements.
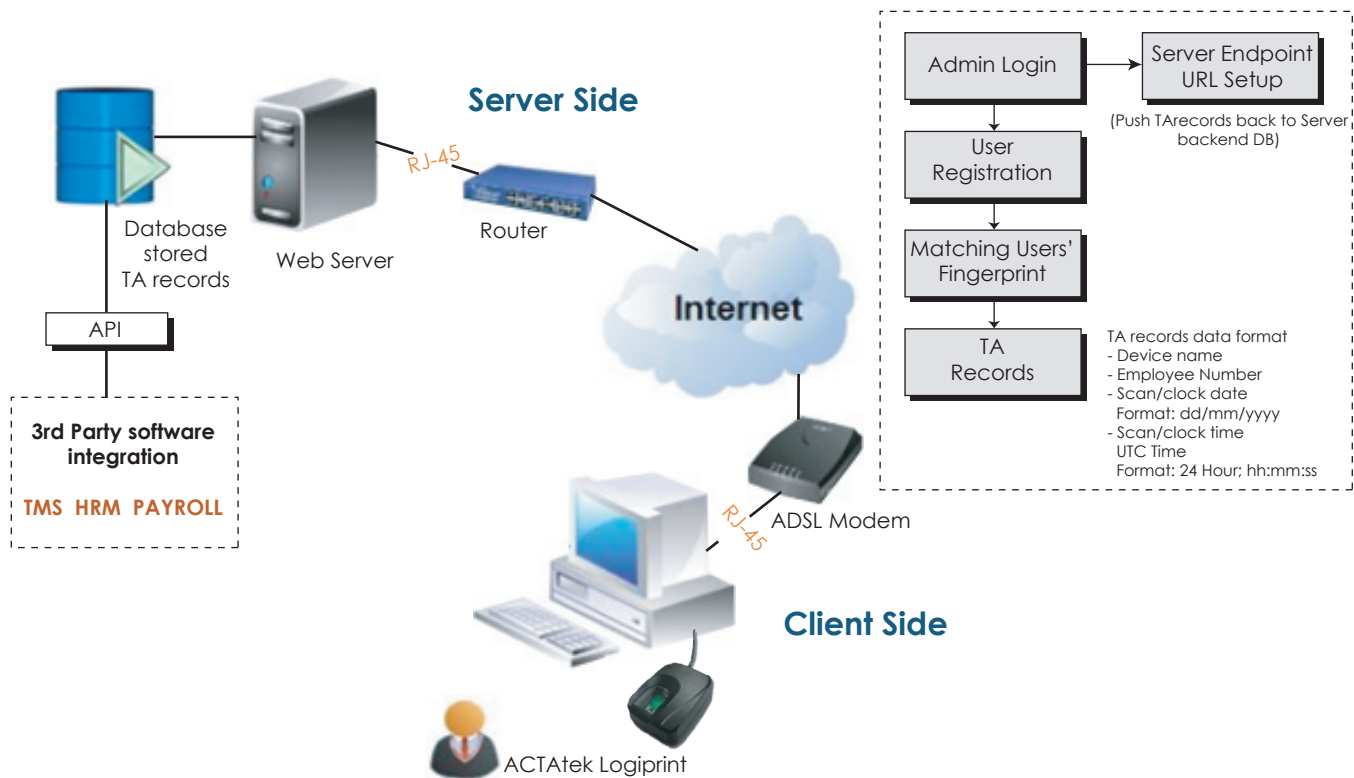
# GO with your Finger

## SYSTEM DIAGRAM OVERVIEW



Database stored TA records

Web Server

Router

**Server Side**

RJ-45

Internet

ADSL Modem

RJ-45

API

**3rd Party software integration**

**TMS  HRM  PAYROLL**

ACTAtek Logiprint

**Client Side**

Admin Login → Server Endpoint URL Setup

(Push TArecords back to Server backend DB)

User Registration

Matching Users' Fingerprint

TA Records

TA records data format
- Device name
- Employee Number
- Scan/clock date
  Format: dd/mm/yyyy
- Scan/clock time
  UTC Time
  Format: 24 Hour; hh:mm:ss

## TECHNICAL SPECIFICATIONS

- Advanced CMOS camera technology and precise optical system design

- Fingerprint scanning window size is 16x24 mm

- Fingerprint captured is 150K pixels (480x320)

- Image resolution is 508 DPI

- USB 1.1 compatible interface, plug and play device

- With a 2M standard USB cable

- Small size, 45 x 63 x 26 mm

- Light weight, 80 gram

- Operation temperature: 0 to +55 Degree Celsius

Electrical Characteristics:

- Light source: Infrared LED

- Supply voltage: DC 4.5-5.5V via USB port

- Power consumption:
    - active < 550mW (during scanning)
    - standby < 400mW (when scanner is connected PC but no scanning)
    - sleep mode <15mW (activated by standard USB bus event only)

- ESD contact - 8KV

- Air discharge - 16KV no permanent damage

# GO with your Finger



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