Fingera™

Fingerprint Time and Attendance System

Overview

Fingera is wall mounted fingerprint time-and-attendance/access control system designed for business and government use to track employee access. Fingera supports multiple methods of identification (i.e. fingerprints, card, password) that can be combined together for a higher level of biometric identification. Employing TCP/IP communication and a client-server architecture, this system can be easily deployed in large scale WAN/LAN environments, but also remains effective as a standalone unit. The system uses the award-winning Innovatrics's fingerprint algorithm, an industry leader for its high speed, accuracy and reliability.

- One of the only turn-key solutions in the market addressing both time-and-attendance and access control
- Simple and intuitive to use
- Fast fingerprint and card identification leveraging Innovatric's award-winning technologies
- Modern terminal with large touchscreen

Fast and intuitive environment
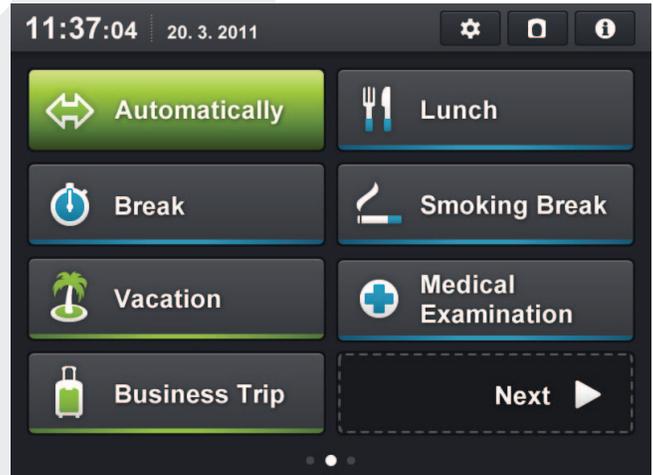
Features

- Multiple terminals can be synchronized via LAN or Internet for large scale deployments
- Administration is possible from local premises through LAN or remotely over the Internet
- Thin client access, means there's no software to install for administration. Access to the terminals is through a standard web browser.
- Integrated relay can be used for acces control
- Additional scanners can be connected to any terminal that requires bi-directional access control
- Extensible system built on industry-standard technologies such as SQLite and Ruby on Rails

Personalised and accurate employee reports

Award winning Innovatrics´s fingerprint algorithm

Advantages

- Keeps employees honest about arrival times. There's no fooling the system!
- Prevents "Buddy-Punching" by requiring a combination of biometric identifiers
- Accurately reports employee time/attendance to Payroll & HR thereby reducing payroll processing costs
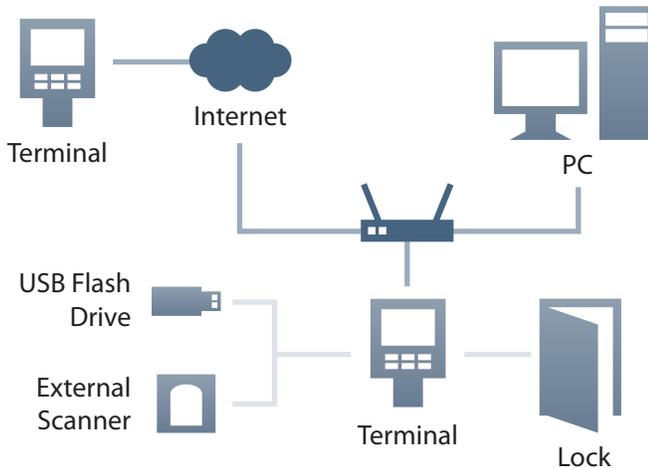- Eliminates unauthorized overtime

How It Works

When clocking-in or clocking-out, the employee simply places their registered finger on a scanner and Fingera records the time of his arrival or departure.

The employee can include a special reason for clocking-out at the time of scanning (lunch, medical examination, business trip, etc.)

When a user places his finger on a Fingera fingerprint scanner, the system displays the time of arrival, the employee's name and the current month-to-date time.

Software Features

- Working time is calculated based on clock-in and clock-out
- Fully customizable to accommodate different business rules
- Attendance reports can be generated for groups or individuals
- Reports can be exported as XLS, CSV or PDF files or can be printed directly from the terminals
- Scheduling of automatic database backups, automatic reports
- Data can be exported locally to USB or remotely via FTP or SSH
- Shifts schedule support
- Multi-level password protection
- Record-Locking prevents unintended overwrites
- Flexible configuration of rounding rules and grace periods
- Include/exclude weekend and holidays from time reports
- Clock-out reasons can be created or modified
- Supports multiple locations, departments and shifts
- Real-time personnel availability information
- Overtime reports
- Multilingual support, sound notifications

Hardware Parameters

- ARM8 Cortex high speed processor
- 8" TFT Touch LCD Display, 800x600 resolution
- High quality fingerprint sensor
- Integrated ID card reader
- 10/100 Mbps Ethernet communication
- USB Host and Client
- Built-in high-capacity 2000mAH Li-ion battery for up to two hours of operation in the event of power failure
- Built-in speakers for audible alarms
- Identification time <= 1 second
- Operational conditions: 0 – 42 degrees, humidity 10% - 80%
- Dimensions: 252(H) x 231(W) x 53(D) mm
- Operational voltage: 12V DC, 1,5 A (incl. adapter)
- Includes wall mounting plate and screws