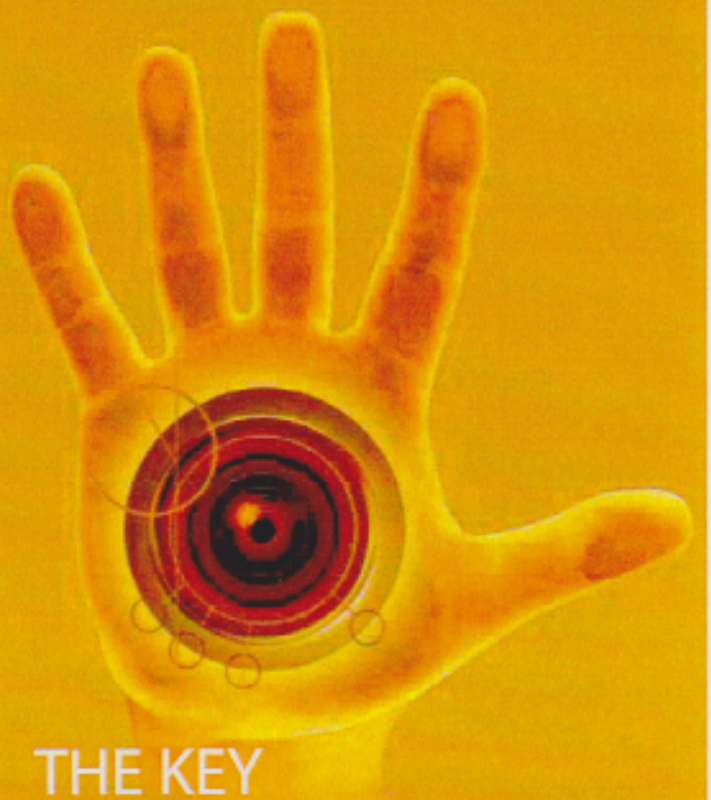
# palmsure



THE KEY
IS IN YOUR HAND

- Contactless and hygienic
- Live person detection, detects only if haemoglobin is available
- Easy integration with any external device
- Supports Verification and Identification methods
- Non intrusive and no psychological barriers
- Practically impossible to forge
- Works in practically any condition irrespective of ambient weather
- False Acceptance Ratio (FAR) 0.00008%
- False Rejection Ratio (FRR) 0.01%
- Unique identifier even among twins

Powered by FUJITSU
PalmSecure

www.palmsure.com

# CUTTING EDGE OF BIOMETRICS

FUJITSU PalmSecure LEADING EXPERT PARTNER

Biometrics is viewed to be at the cutting edge of technology. From the very first commercial application of a finger print reader in 1984, palm vein recognition systems have now made their way into practical installations. In many ways, it has taken the increased threat from global terrorism and organised crime to create an acceptance of biometric security. Several of Japan's major banks have been using palm vein recognition for many years now and are confirming extraordinarily high standards of accuracy, with false recognition rates of 0.01% and false acceptance rates of less than 0.00008%.

Palmsure can provide security managers the most Appropriate system for their particular needs - balancing the key variables of accuracy, quality, reliability, speed of performance and cost. Visit www.palmsure.com and discover how you can achieve the balance.

## NEED FOR BIOMETRICS

- Mistaken Identities
- Illegal Entry
- Falsified Documents
- Authentication
- Access Control
- Verification
- Monitoring Movement
- Time and Attendance
- Report Generation

## Palmsure Specification

| **Palmsure Main Unit - Model : PS-2100** | |
|---|---|
| False Rejection Rate FRR | Less than 0.01% |
| False Acceptance Rate FAR | Less than 0.00008% |
| Display | 2 x 16 LCD |
| Keypad | 4x4 membrane key pad |
| Processor and Memory | 1.8 GHz Dual Core SBC, 2 GB RAM, Flash Drive / HDD |
| Interface Controller | Linux based processor board |
| Sensor | Contactless Fujitsu PalmSecure™ Sensor |
| Palm Data Storage Capacity | Over 20,000 users |
| Template Size | Less than 4 KB per palm |
| Status Indicator | Two colour LED |
| 1:1 Verification Time | Less than 2 seconds |
| 1: Many Identification Time | Less than 4-6 seconds |
| System Usage | Pin + Palm or Card + Palm or Only Palm |
| Interface | 100Mbps Ethernet (TCP/IP), Weigand, Rs. 232/485 USB |
| External Drive | 2 relay contact outputs, for external access control devices |
| Working Temperature | 0 to 50 °C |
| Database | MYSQL |
| Applications Software | Browser based administration module for biometric profiling, transaction management, remote management and reporting generation |
| Power Supply | 230V AC |
| Physical Specifications | Wt: < 2kgs; 250 x 250 x 100 mm |
| Form Factor | Two tone grey, high impact rugged ABS casing |
| Read Range | I. For palm: 4-6 cm from the surface of sensor<br>II. For card: 3-10 cm |
| **Options** | |
| Enrolment Unit - Model - PSE-2200 | Register, verify, identify and authenticate enrolment into main database |
| Card Reader | Inbuilt; reads Mifare and Smart, Desfire EV1 |
| Time & Attendance Software | Employee attendance, records, visitor management, leave / holiday, temporary duty, recording, backup and customisation |
| Access Control Software | Personnel pass through, time, location specific, alerts, security statistics, user restrictions and customisation |
| In our endeavour to continuously improve our products, specifications are subject to change without notice. | |

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PalmSecure™

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Palmsure Solutions Pvt. Ltd.

# 3, Hemagiri, 1st Floor, 7th Main Road, Mysore Bank Colony, Banashankari 1st Stage, Bangalore - 560050 Karnataka.
Phone : +91 8277107611, 080 - 26728211 E-mail : sales@palmsure.com / palmsuresolutions@gmail.com

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