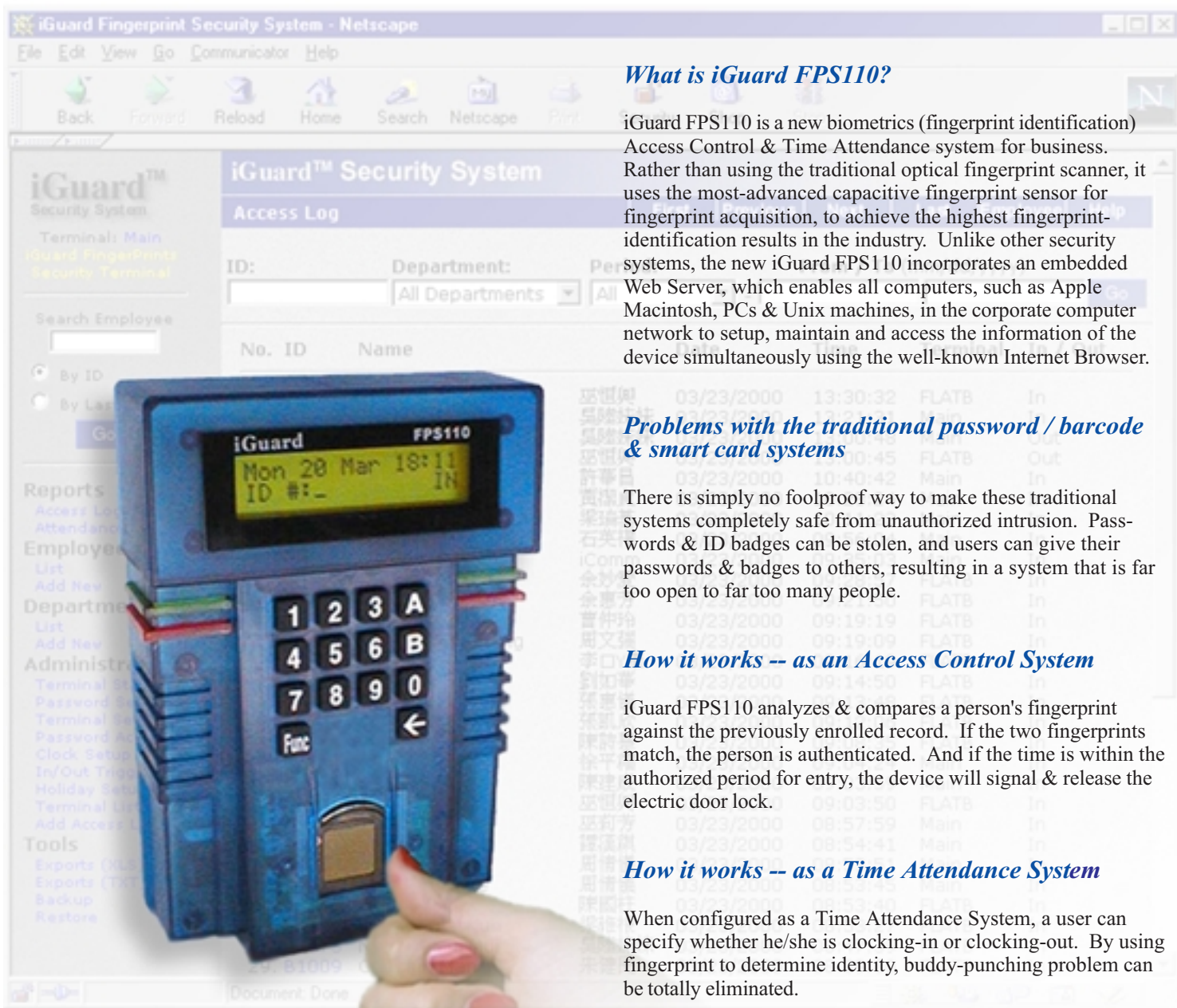


# Introducing iGuard FPS110 ...

.... the first Biometrics Access Control and Time Attendance System that fits into your Web WorkStyle!



**What is iGuard FPS110?**

iGuard FPS110 is a new biometrics (fingerprint identification) Access Control & Time Attendance system for business. Rather than using the traditional optical fingerprint scanner, it uses the most-advanced capacitive fingerprint sensor for fingerprint acquisition, to achieve the highest fingerprint-identification results in the industry. Unlike other security systems, the new iGuard FPS110 incorporates an embedded Web Server, which enables all computers, such as Apple Macintosh, PCs & Unix machines, in the corporate computer network to setup, maintain and access the information of the device simultaneously using the well-known Internet Browser.

**Problems with the traditional password / barcode & smart card systems**

There is simply no foolproof way to make these traditional systems completely safe from unauthorized intrusion. Passwords & ID badges can be stolen, and users can give their passwords & badges to others, resulting in a system that is far too open to far too many people.

**How it works -- as an Access Control System**

iGuard FPS110 analyzes & compares a person's fingerprint against the previously enrolled record. If the two fingerprints match, the person is authenticated. And if the time is within the authorized period for entry, the device will signal & release the electric door lock.

**How it works -- as a Time Attendance System**

When configured as a Time Attendance System, a user can specify whether he/she is clocking-in or clocking-out. By using fingerprint to determine identity, buddy-punching problem can be totally eliminated.

## **Built-in Web Server -- enables platform independent operation**

- \* ease of use - the Internet Interface simplifies the access & control of the device,
- \* eliminates software-maintenance - the only software required to administer & access the device is the standard Internet Browser, such as the Netscape Navigator and the Microsoft Internet Explorer. No other special software is required.
- \* provides real-time attendance data rather than week-old or day-old data.
- \* does not require any dedicated computer -- all the software required for the operation is embedded in each iGuard FPS110. The device can even operate stand-alone without connecting to the corporate computer network.
- \* does not require any dedicated person to maintain the device -- iGuard FPS110 is 100% maintenance-free.

## **Built-in Database Server -- information at your fingertips**

- \* allows easy information retrieval sorted by either employees, departments, periods and more.
- \* all data are irrefutable -- provides transaction & attendance records that cannot be forged, altered, stolen or duplicated.
- \* employees data, including fingerprint data, is automatically shared among devices in a multi-device network environment, thus users only need to enroll once.
- \* generates various reports such as attendance report, time sheet, and more.
- \* information & reports can be easily exported to the popular spreadsheet format for further data manipulation.



WebSite: <http://www.iguardsystem.com>  
iGuard is a trademark of Lucky Technology  
U.S. Patent Pending 09/292,179

# Standard Features

# Technical Specifications

Modal:

|   | 20 - User  | 100 - User | 150 - User | 250 - User | 1,000 - User |
|---|--|------------|------------|------------|--------------|
| Two-finger enrollment   | ✓  | ✓          | ✓          | ✓          | ✓            |
| Built-in Web Server   | ✓  | ✓          | ✓          | ✓          | ✓            |
| Built-in Database Server  | ✓  | ✓          | ✓          | ✓          | ✓            |
| Max. Employees  | 20   | 100        | 150        | 250        | 1,000        |
| Max. transaction records stored                                     | 3,000  | 4,000      | 4,000      | 4,000      | 5,000        |
| Exchange Information between Devices (Master / Slave configuration) | ✓  | ✓          | ✓          | ✓          | ✓            |
| Static IP address assignment  | ✓  | ✓          | ✓          | ✓          | ✓            |
| Dynamic IP address assignment                                       | ✓  | ✓          | ✓          | ✓          | ✓            |
| Support existing DHCP server  | ✓  | ✓          | ✓          | ✓          | ✓            |
| Non-volatile Memory   | 2MB  | 4MB        | 4MB        | 4MB        | 8MB          |
| Support existing Network Printer                                    | ✓  | ✓          | ✓          | ✓          | ✓            |
| Computer supported (with Internet Browser)                          | Apple Macintosh<br>Windows 95 / 98 / 2000 / NT<br>Unix Machine |            |            |            |              |
| Valid Characters for Employee ID                                    | 0 - 9, A - B<br>(max. 10 chars)                                |            |            |            |              |

|                               |  |
|-------------------------------|--|
| Power                         | 12VDC, 800mA   |
| Display                       | 16 x 2 LCD with backlight  |
| Fingerprint Sensor Type       | Capacitive   |
| Fingerprint Sensor Resolution | 500 dpi  |
| Fingerprint Sensor scan area  | 1.5cm x 1.5cm  |
| Image Capture Time            | < 1 sec.   |
| Verification Time             | < 1 sec.   |
| False Rejection Rate          | < 1%   |
| False Acceptance Rate         | < 0.01%  |
| Network Protocol              | TCP/IP   |
| Network Interface             | Ethernet (10-Base T)   |
| Real-Time Clock               | Last for approx. 2 days without power                                    |
| External Controls             | Door Strike<br>Open-Door Switch<br>Break-in Alarm<br>Door Status (Input) |
| Dimensions (mm)               | 105(W) x 38(D) x 150(H)  |

\* All models support iGuard API Software Development Kit for application development

\* All information is subject to change without notice

