FING⊙RTEC®

Sharing intangible assets is to add tangible value

OFIS
Online Fingerprint Identification System

All software systems will eventually go web-based and online. For years, system developers are trying to find replacement for the very commonly used but unreliable "username" and "password" system login with better authentication method. The mass system security market remains untapped.

Introducing the FingerTec® Online Fingerprint Identification System (OFIS), the long awaited system to solve the loosen remote and online verification problem with its added biometric features.

The FingerTec® OFIS runs on Browser/Server (B/S) Environment, where user can enroll their fingerprint through FingerTec® OFIS Scanner that links to a PC. For verification, the user's fingerprint is to be read by the scanner and the encrypted fingerprint data will be transmitted to be compared and verified with the stored fingerprint templates at the remote back-end server through the Internet/Intranet/WAN/LAN.
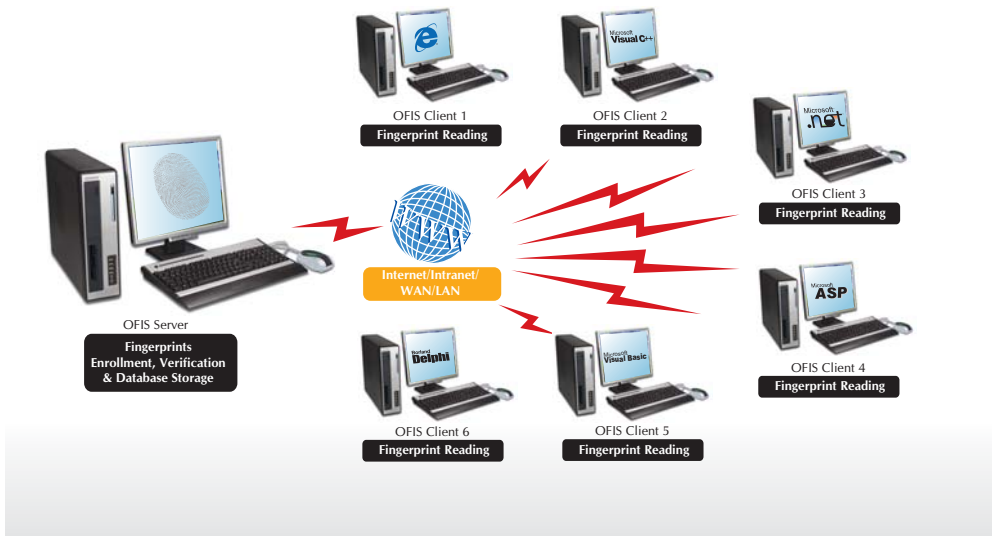
FingerTec® OFIS SDK (Software Development Kit) consists of FingerTec® OFIS Server and FingerTec® OFIS Client modules. Deploy a uniquely fast and accurate fingerprint verification technique, OFIS can be integrated seamlessly and easily into any solutions and systems to enhance its threshold security. Your first class solution shouldn't be dampened by the mediocre threshold entry. Tolerate no more; your choice is FingerTec® OFIS!

FEATURES & BENEFITS

- Allow 1:1 and 1:N fingerprint verifications
- Unlimited user capacity for 1:1 fingerprint verifications; 1:N based on server capacity
- Fast and precise verification with FingerTec® OFIS Scanner
- Encrypted fingerprint data using FingerTec® algorithm on client side
- Hassle-free fingerprint registration and verification
- Combination of PIN and biometrics or apply ONLY biometrics to eliminate fraud

- Program Interface: ActiveX for easy integration with any third party system solution
- Fingerprint template storage: ODBC compatible database
- Development environment: VB, MS VC++, Delphi, MS ASP, VB.NET, ASP.NET and etc
- Sample application written in MS VC++, VB, Delphi, MS ASP are provided
- Client module supports multilingual feature
- Works well with dry, moist or rough fingerprints

NOTE: For illustration only

OFIS Client 1
Fingerprint Reading

OFIS Client 2
Fingerprint Reading

OFIS Client 3
Fingerprint Reading

Internet/Intranet/
WAN/LAN

OFIS Server
Fingerprints Enrollment, Verification & Database Storage

OFIS Client 4
Fingerprint Reading

OFIS Client 6
Fingerprint Reading

OFIS Client 5
Fingerprint Reading

MINIMUM SYSTEM REQUIREMENTS

OFIS Server Module

- IBM compatible PC
- Pentium III 450 or above
- 256MB RAM
- 15MB for server module installation
  (Storage varies upon the number of fingerprints stored)
- Standard mouse and keyboard
- MS Windows 2000 and above with IIS support

OFIS Client Module

- IIBM compatible PC
- Pentium III 450 or above
- 64MB RAM
- 5MB for client module installation
- Standard mouse and keyboard
- 1 x USB port for FingerTec® OFIS Scanner
- MS Windows 98 SE and above with Internet Explorer (IE 6)

SPECIFICATIONS

Pixel resolution	512 dpi (average x, y over the scan area)
Scan capture area	17 mm (width at center), 26 mm (length)
Scan data	8-bit grayscale (256 levels of gray)
Reader size (approximate)	87 mm x 58 mm x 24 mm
Compatibility	USB 1.0, 1.1 and 2.0 (Full Speed) specifications
OS/Browser	MS Windows / MS Internet Explorer (IE 6)
Power supply voltage	5.0V +/-0.25V USB supply
Supply current - Scanning	100mA (typical)
Supply current - Idle mode	30mA (typical)
Supply current - Suspend mode	0.5mA (max)
ESD susceptibility	>15 KV, mounted in case
Operating temperature (°C)	0 - 40
Operating humidity (%)	20 - 80, non-condensing
Standard FCC Class	FCC Class B, CE, USB
Usage	Indoor, home and office use

Packaging
Dimension (mm): 350(L) x 87(W) x 300(H)
Weight : 600g

Authorized Reseller:

FINGERTEC®

w w w . f i n g e r t e c . c o m

102009

CE FC RoHS MADE IN MALAYSIA FOR THE WORLD