



Unleashing Your Next Killer-Apps and Enhancing Your Existing Solutions with

IT WORKS
Everything works
Partner Program

ID-WORKS Integrator

www.itworks.co.th

Looking for Fingerprint Identification SDK?

IT WORKS is a leader in developing biometrics technology and applying it in various applications. To impel the fingerprint identification to be widely utilized, we developed ID-WORKS Integrator for you to further develop your application conveniently, quickly and effectively with this technology.

Market Opportunities

Among an intense competition in global software business, several companies have expanded their business lines using the advantages of new technologies and advertisement through various media. The most dangerous issue that may cause your software business at risk is not only the high competitive environment but also the condition that your company does not develop anything new.

For security system and identification and verification application, if you have problems in managing password and ID card, if you have experience high cost for password/card issuance, if forgetting password/card and buddy punching is your major concern. Then, biometrics technology can help you solve these problems.

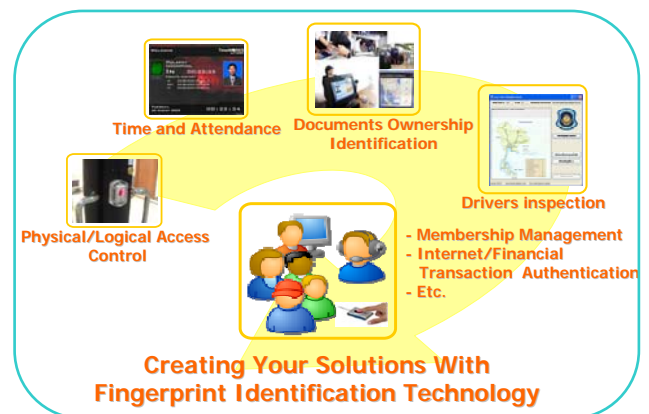
Fingerprint identification has been accepted, trusted, and widely used in legal processes. It is privacy protected technology because fingerprint cannot be read without your permission. It only can be read when the finger touches on the fingerprint reader.

The existing readers are small and easy to be used. They can immediately read your fingerprint as soon as you touch your finger on them. Therefore, fingerprint can be used in several applications for verify and identify the person.

"Your fingerprint contains sufficient information for searching and verifying yourself in any system. As a result, ID, PIN, or smart card is unnecessary. There is no problem of forgetting password, key, or losing card in the fingerprint system since your fingerprint is with you all the time."

When looking at large scale market, new market, and existing customer database that needed to be upgraded, you might have to consider combining biometrics technology with your existing application to strengthen your ability in competition and enhance your business opportunity.

Create New Value



Developer can apply biometrics technology with other applications in several cases such as using fingerprint instead of password, employee ID card, patient card, student ID card, library card, etc. to reduce cost from card issuance. There are various applications appropriately employing biometrics technology. For example:

- Time & Attendance Applications
- Healthcare Applications
- Membership Management Application
- Childcare Security Applications
- Point of Sale Applications
- Library Management Systems
- Secure Data Storage Card/Smart Card Applications
- Physical/Logical Access Control Applications
- Internet/Financial Transaction Authentication

Our Tools. Your Solutions.

ID-WORKS Integrator will manage every process involving fingerprint in all applications including control the fingerprint reader, export image, and fingerprint data storage.

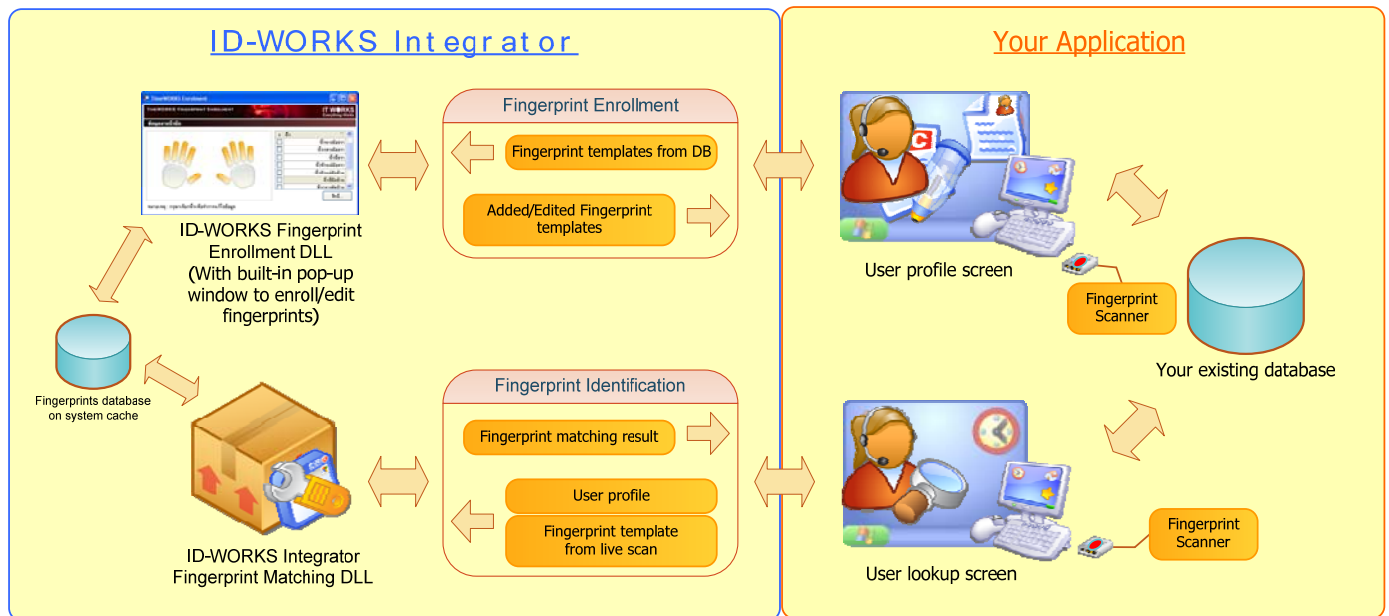
Difference between ID-WORKS Integrator and other SDKs is the ability to support the Optimized 1:N fingerprint search (Identification). Moreover, the developer can use ID-WORKS Integrator to conveniently, quickly, and effectively integrate fingerprint technology with the product. ID-WORKS Integrator comes with interface for enrolling fingerprint and stores that information into your database.

Component of ID-WORKS Integrator and the Integration to Your Application

Components and Features of ID-WORKS Integrator

- ID-WORKS Integrator SDK Library** used in the development has 2 versions: DLLs version and ActiveX version. Both versions of SDK consist of 2 main modules
 - ID-WORKS Identification Module. This module controls the fingerprint reader to capture fingerprint image and match it again fingerprint database using Optimized 1:N matching algorithm. The matching speed is greater than 5,000 fingerprints/second (Up to 15,000 fingerprints/sec on Intel Core 2 Duo running at 2.66 GHz).
 - ID-WORKS Fingerprint Enrollment Module. This module is used to enroll new fingerprint into the system. After the fingerprint image is captured and extracted to fingerprint template, the developer can store the template in the existing database. For each user, up to ten fingerprints can be enrolled. The developer can assign different privilege for each finger and can also temporarily disable the fingerprint template without deleting it from the database.
- APIs manual for library usage with examples of source code** in Visual Basic, Visual C++, Delphi, C++ Builder, and .NET. Besides those languages; if it can use DLLs or ActiveX, you can call the library by making the wrapper that connects to library.
- U.are.U® 4500B** is the fingerprint reader from DigitalPersona that works on PC. When the user touches his finger on the luminous prism, the reader will instantly capture the fingerprint and encrypt it before sending the fingerprint to the computer via USB port.

Link ID-WORKS Integrator to Your Application



Advantage for your client

Safe – Since fingerprint identification is used, ID-WORKS eliminates problems of forgetting password and buddy-punching completely.

Easy and Convenience – Easy to use. The system can work rapidly with a touch of your finger tip. No need for any code or card.

Accurate – It is very important not to incorrectly verify the identity of any person. To develop the ID-WORKS Integrator to be used with any fingerprint reader, our engineers employed the optimal approach and special techniques to gain very low FAR value. Therefore, an error in identification is minimal.

Quick – With a touch of a finger, ID-WORKS Integrator is able to search for fingerprint using Optimized 1:N from large scale database.

Low Cost – No card cost or any related cost from it. No need for consumables such as paper timecard, plastic card and cartridge. All software works on PC network. User can conveniently maintain and obtain spare parts.

Advantage for your company

Large Market – With the increasing demand of the biometrics technology nowadays, there is the big market of new and existing clients for your company to explore.

Add Value to Your Existing Product – Simply integrate ID-WORKS Integrator with your existing software is an easiest way to add value to your product with very low cost.

High ROI – ID-WORKS Integrator is designed to be integrated with your software and ready to be on market as a new product under your brand name within 2-4 weeks.

Easy to Install and Maintenance – Installation of the integrated system will use the Installer of software cooperating with the USB-type fingerprint reader. Therefore, there is no extra work for installing and maintaining your existing system.

Confidence – Although the technology changes rapidly, you can be confident that ID-WORKS Integrator is the most appropriate system to use with your product. You can save time to develop your product and improve your services. Let biometrics technology development be our duty.