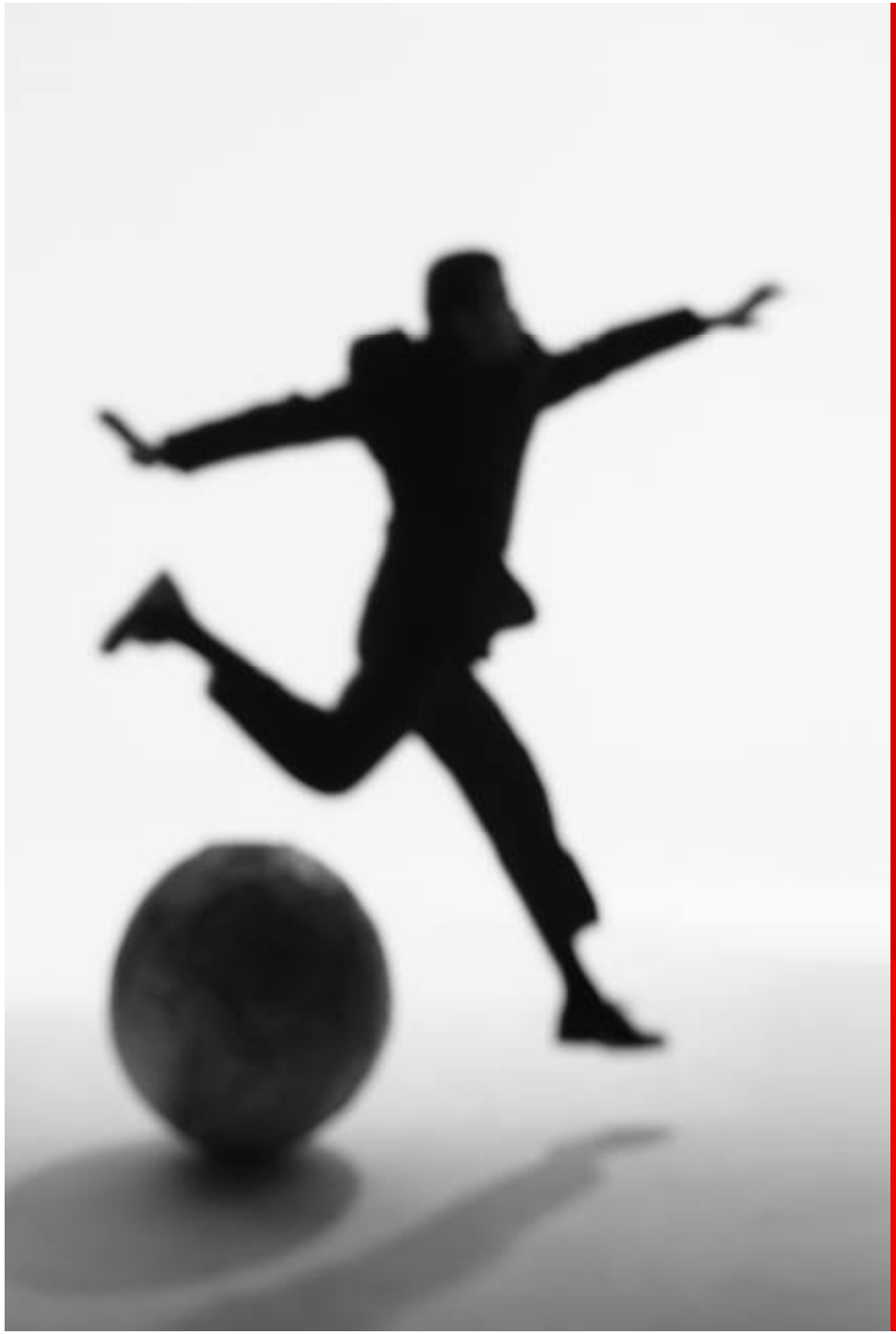

Innovative Concepts

Where your dreams become reality

E-Government Workflow by IConcepts Co., Ltd.

Table of Content

Contents:

- Company Background
- Product Overview
- Automate Workflow Module
  - Features
  - Product Advantage
- Add-on Biometric Module
  - Features
  - Product Advantage
- Customer References
- Infrastructure Needs
- Award & Publication

Innovative Concepts – Our Company

- IConcepts Co., Ltd. is founded in Thailand in partnership with international partners in the US and NZ.
- We specialize in developing world-class software and help solve complex solutions.
- Our company vision is to develop creative and “innovative” solutions to transform our customers business.

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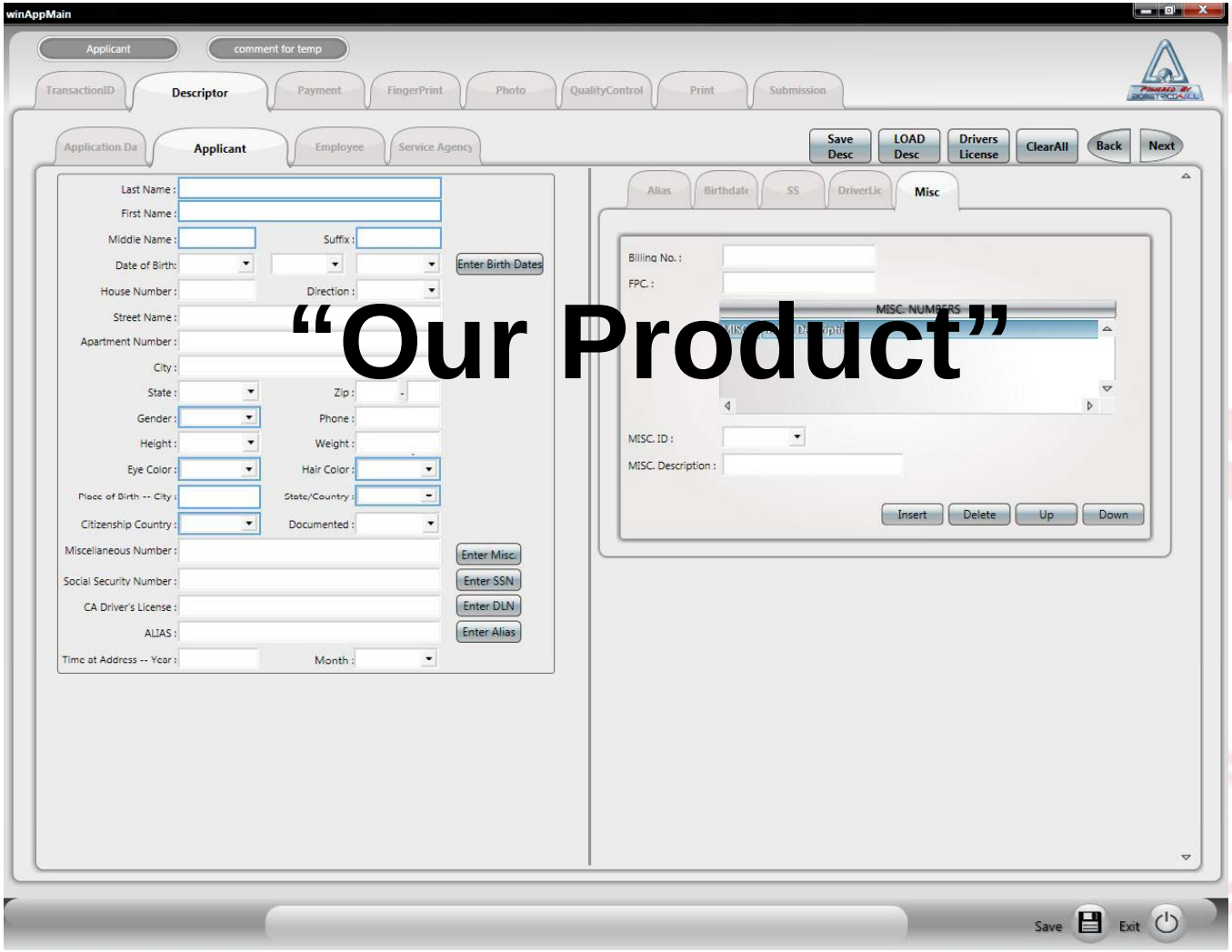
E-Government Workflow



“Our Product”

Product Overview

•Intuitive UI and real-time customisation capability;

• Cutting edge technology using Microsoft WPF,WF and WCF;

• The only vendor outside the United States that has been certified by the FBI and Department of Justice (DOJ);

• The only vendor in the market that is scanner and matching systems independent; and

• Our innovation with trademark features to provide world class data and biometric capturing solution.

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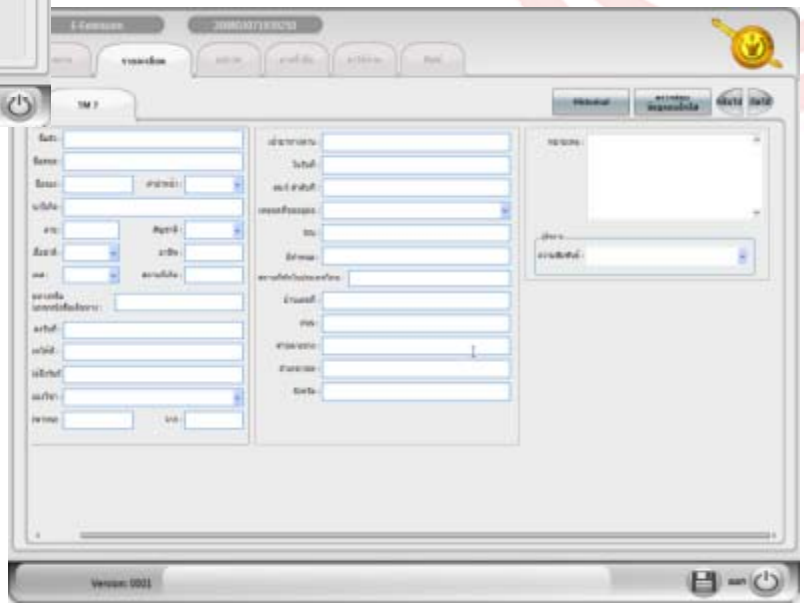
Automated Workflow Module

E-Government Automated workflow is designed to optimize internal and external information flow. It is a business intuitive client environment combined with business process management

One solution that can delivery all your line of business applications into highly customizable and cohesive solutions without the need to write code.



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Automated Workflow Module

- Website customizable navigation layout
- Multi-Languages runtime adjustable

First To Market

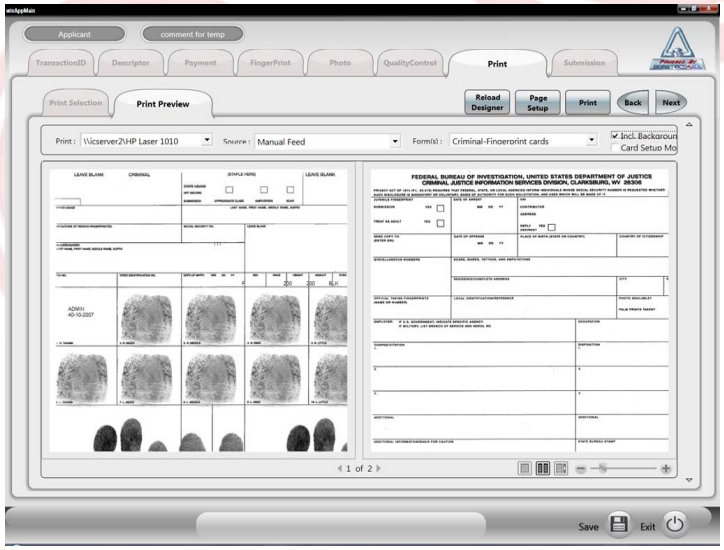
XML Business Rule Engine

- The engine is 100% dynamic with real time validation; and
- The engine can be configured to perform many tasks.

```
<general begin="true" max="10" enabled="true" visable="true" characterc
        <type name="varchar">
                <include>A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V,W,
                <exclude> ,*</exclude>
        </type>
        <keypressregexpression value="([-'() ][-'() ])" comment=""/>
</general>
<conditional begin="false">
        <if>
                <field name="." value=" ,-" type="begin" message1="Last
        </if>
        <populate ifenabled="true">
                <field name="." value=""/>
        </populate>
        <disable ifenabled="true">
                <field name="txtMiddle" />
                <field name="txtSuffix" />
        </disable>
        <positionalvalue ifenabled="true">
                <field name="cboPOB_State" position="1"/>
        </positionalvalue>
</conditional>
```

Printing

- Printing to different printers with different formats; and
- Design mode for the system administrator to create new printing layouts



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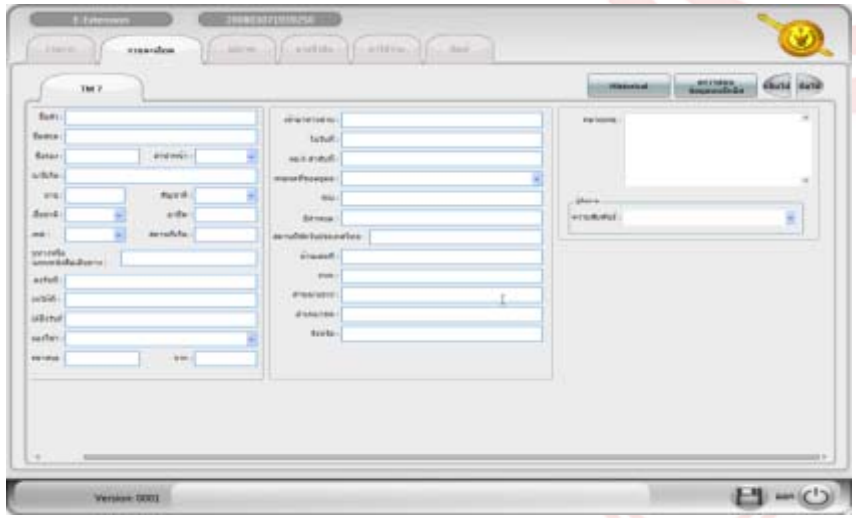
Product Benefits

Some Key Benefits of E-Government Automate Workflow

- Enforcement of business rules and policies;
- Create complex business processes without writing code;
- Create business process profiles so customizations can be reused to ensure user familiarity;
- Meet all government biometric needs fingerprint, face and iris detection integration.



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Biometric Fingerprint Module

- BFNS is a FBI and Department of Justice (DOJ) certified fingerprint biometric capturing solution.

- The solution's focus - providing the world's most sophisticated, customizable, and most of all a BFNS experience.

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Why We Are Better Then The Rest

FingerGuide™

- Our innovative finger guides and finger placement indicators; and
- Increase the percentage of the matching by as much as 50%.

SequenceCheck™ and Quality Indicator

- The software provides a built in matching system; and
- Real time quality indicator.

RapidQC™

- For the first time, the supervisors are able to approval submission by reviewing the prints all in one page; and
- Allow rapid correction and rescanning of prints.

Mobile Biometric Capturing Units

Mobile Data Verification Set

Mobile Data Collection Set

Details of Product

- For gathering geography of person in local area
- For gathering fingerprint images
- For gathering images
- Connecting for fingerprint validate through GPRS or network signal

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Fingerprint Capturing Process Synopsis

No. of Stations*	1,445
Average Fingerprint Capturing per Day	2 Transactions
Average Time usages in:	
Document Preparation	10 Mins
Sending Document to Post Office or Messenger	25 Mins
Document Receiving and Processing	60 Mins
Document Preparation for Sending Back to Origin	20 Mins
Sending Document Back by Post Office or Messenger	20 Mins
Searching Transaction to Process	15 Mins
Contact Back to Relevant Policeman	45 Mins
Total Transaction Time from Old System	**3 Hrs 10 Mins**
Total Transaction Time from BFNS	**5 Mins**
Time Saving per Year	**135,000 Days**

Support and Data Centric

Automated Upgrader

- With over 500 sites and in 3 different continent, automated support is essential
- Central server provide real time monitoring and customer status

Multiple Site Data Synchronization

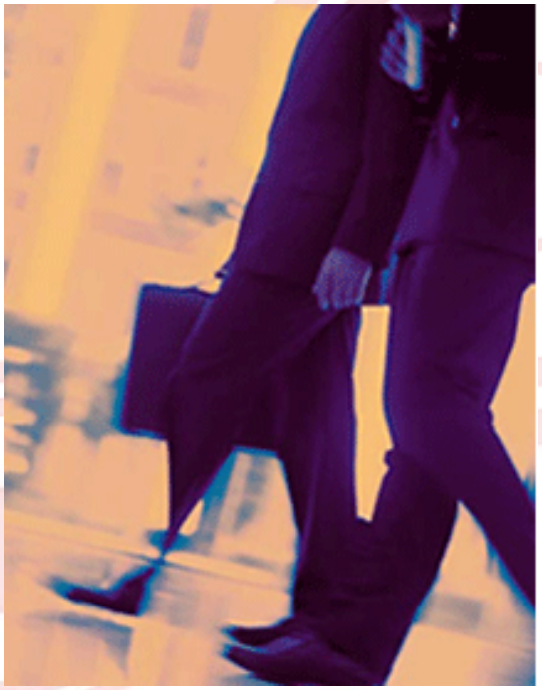
- Provide *n* nodes for server and remote site synchronization on and off line mode.
- Synchronization capability with complex decision and event driven workflows.

Transaction Monitoring Service

- With over 10,000 transactions a day the need for transaction monitoring is a must to provide customer satisfaction.
- Real time transaction resolution detection.

Product Highlights

- World class product utilizing cutting edge technology;
- Oligopoly industry;
- Leader in the industry with global partnership;
- Quality first software development with Six Sigma and CMMI process; and
- First class service and support.



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Customers References

Thailand
- Forensics Department
- Immigration Department

US Virgin Islands
- Police Department

Taiwan
- Police Department

Maldives
- Police Department

United States
- California
  - Department of Corrections
  - LA Counties Sheriffs
  - Superior Courts
- Georgia
  - Police Department
- Indiana
  - Police Department
- Nevada
  - LasVages Police Department

Site References (not limited to)

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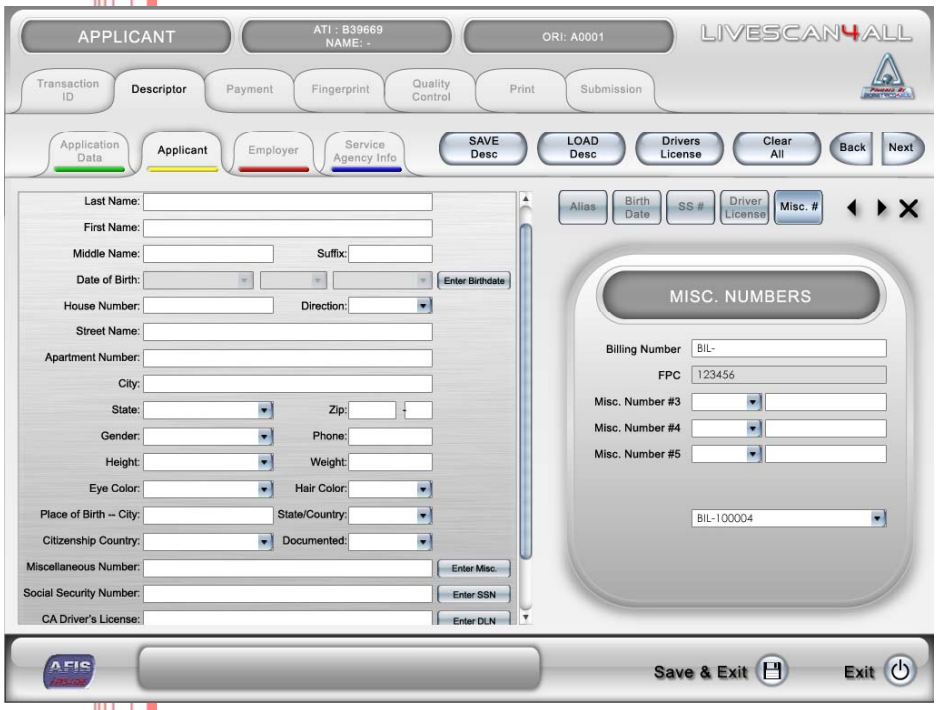
Standard Deployment



Standard HW Requirements

- Server
- Computer
- Scanner (Opt.)
- Printer (Opt.)
- Camera (Opt.)
- 1D/2D Barcode Reader (Opt.)

Microsoft Infrastructure Needs

Window Server

- MS Server 2008 Failover cluster

SQL Server

- MS SQL Server Enterprise Edition

Office System

- MS Office

Windows Vista Business Edition

Key 2008 Technologies Used

- WPF
- WF
- WCF

Deal Sample

Department : Immigration Bureau

Normal Purchasing Quantity: More than 100 sets per purchase

Purpose

- To use biometric fingerprint and photo capturing to ensure that the passengers passing are the same one as they claim
- To use biometric fingerprint to check blacklist to prevent criminal entering the country
- To control border to ensure that all border transitions are kept and synchronize all over the country
- To use security sticker to prevent permit stamp fraudulence

Standard Deployment Package

Software

- MS SQL x 20 licenses
- MS Server x 25 licenses
- Windows XP x 100 licenses
- BFNS x 100 licenses

Hardware

- Server
- Computer
- Single Scanner
- Barcode Reader
- Secure Sticker Printer

Deal Sample

Department : Police Station

Normal Purchasing Quantity: More than 50 sets per purchase

Purpose

- To capture arrested criminal to record blacklist in the database
- To use biometric fingerprint to check blacklist to check previous criminal record if it is available

Standard Deployment Package

Software

- MS SQL x 5 licenses
- MS Server x 5 licenses
- Windows XP x 50 licenses
- MS Office x 50 licenses
- BFNS x 50 licenses

Hardware

- Server
- Computer
- Palm Print Scanner
- FBI's Certified Printer

Deal Sample

Department : Court – Department of Justice
Normal Purchasing Quantity: More than 30 sets per purchase

Purpose

- To use biometric fingerprint and photo capturing to ensure that the suspect s are the same one as they claim
- To use biometric fingerprint to check blacklist to check previous criminal record if it is available
- To capture trial details and records

Standard Deployment Package

Software

- MS SQL x 2 licenses
- MS Server x 2 licenses
- Windows XP x 30 licenses
- MS Office x 30 licenses
- BFNS x 30 licenses

Hardware

- Server
- Computer
- 10-Print Scanner
- Barcode Reader

Deal Sample

Department : Prison – Department of Correction
Normal Purchasing Quantity: More than 10 sets per purchase

Purpose

- To use biometric fingerprint and photo capturing to ensure that the criminals are the same one as they claim
- To use biometric fingerprint to check blacklist to check previous criminal record if it is available
- To capture detention details and records

Standard Deployment Package

Software

- MS SQL
- MS Server
- Windows XP x 10 Lic.
- MS Office x 10 Lic.
- BFNS x 10 Lic.

Hardware

- Server
- Computer
- 10-Print Scanner
- Barcode Reader

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Awards & Publications

- Thailand ICT 2005 Winner - B4ALL using .NET 1.1

- Thailand ICT 2007 Winner - B4ALL new development using WPF

Awards & Publications

Awards & Publications

Awards & Publications

Opening Ceremony :
Mobilized to arrest illegal migrant workers

Awards & Publications

Opening Ceremony :
Mobilized to arrest illegal migrant workers

Awards & Publications

Entry system into the town of Aranyaprathet, Thailand

Contact Us

Innovative Concepts

Where your dream become reality

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