Successful Implementation in the Central America Region: GUATEMALA: National ID

“Leap Frog Paradigm Shifts”
DOCUMENTO PERSONAL DE IDENTIFICACION
-DPI-

Prepared for CTST

May 6, 2009
PRESENTATION AGENDA

2. “State-of-the-art” in Guatemala 1996
3. Business Model and Equation of Success
4. Technology Platform
5. Integration / Implementation and Results
6. The Future
### General Data

<table>
<thead>
<tr>
<th><strong>Official Name:</strong></th>
<th>República de Guatemala</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Capital City:</strong></td>
<td>Guatemala</td>
</tr>
<tr>
<td><strong>Country Size:</strong></td>
<td>108,889 Km²</td>
</tr>
<tr>
<td><strong>Population:</strong></td>
<td>13,667,815 (PROJECTED 2009)</td>
</tr>
<tr>
<td><strong>Language:</strong></td>
<td>Español</td>
</tr>
<tr>
<td><strong>Currency:</strong></td>
<td>El Quetzal</td>
</tr>
<tr>
<td><strong>Exchange Rate:</strong></td>
<td>US$ 1.00 = Q8.05 (MAY 2009)</td>
</tr>
</tbody>
</table>
GUATEMALA: MAIN ECONOMIC PARTNER IN CENTRAL AMERICA

- Guatemala economy is the largest and most diversified in the Region and represents, at least, 33% of the National Domestic Product of Central America

<table>
<thead>
<tr>
<th></th>
<th>GUATEMALA</th>
<th>EL SALVADOR</th>
<th>HONDURAS</th>
<th>NICARAGUA</th>
<th>COSTA RICA</th>
<th>PANAMA</th>
</tr>
</thead>
<tbody>
<tr>
<td>PIB (millardos de US$) - 2008</td>
<td><strong>38.9</strong></td>
<td>21.8</td>
<td>13.7</td>
<td>6.5</td>
<td>31.5</td>
<td>22.8</td>
</tr>
</tbody>
</table>

Source: FMI (estimados)

Main Trade Partners:
- US
- Central America
- European Community

Exports:
- Agricultural Products
  - Coffee, Sugar, Others
- Apparel
- Others

Imports:
- Finished Goods
- Machinery
- Technology
Offer state-of-the-art technology alternatives applied to Latin America idiosyncrasies in identification and verification of identities

CIVIL AFIS IMPLEMENTATION & SUPPORT

PASSPORT SYSTEMS

ID SYSTEMS
We are a U.S. /GUATEMALA-based Security Group

Offices in Guatemala, and the United States

Our Objective is to assist Latin America Governments with their responsibilities to document foreign nationals with precision, efficiency and reliability

Consult

Invest

Operate & Service

Optimize
PARADIGM SHIFT

LOST IDENTITY DOCUMENTS

DETERIORATED DOCUMENTS

ISSUES TO KEEP AND ARCHIVE DOCUMENTS. DIFFICULTY TO FIND DATA AND INFORMATION

Digitalized Documents (Imaging) Easy Access and Retrieval
GUATEMALA - A Country with Vision

PARADIGM SHIFT

- Secure
- Reliable
- Modern
- Conforming Internationally accepted Standards (ICAO/ISO)
- "Tropicalized" to GUATEMALA

- Different
- Fragile
- No Controls
- Lack of Security
PARADIGM SHIFT

MIGRANTES
✓ Immigrants without documentation
✓ Need to access basic services
✓ Need to identify themselves and to be identified

✓ Accepted
✓ Secure and Reliable
✓ Based on state-of-the-art Technologies
✓ Complying with Generally accepted standards
✓ Easy to verify
PARADIGM SHIFT – already here

✓ A document with the Best available technology
✓ Adapted to GUATEMALA
Business Model and Equation of Value

- SAGEM Civil AFIS, continuously updated
- Oberthur Systems
- DATACARD Equipment
- Vision, Partnership and Vendor Commitment
- Flexibility, Modularity and Creativity
- World-Class Support and Service

Contractor

State-of-the-art Technologies Winning Business Model Efficiency and Security

- Total Outsourcing of Perso Site Administrative Services and Processes
- Zero Government Investment / Entrepreneurial Risk / Pay-per-document System
- Adequate IT Tools and technologies to provide efficient use, controls and audit trails
  - Long-term Government Vision
  - Transcendental Thinking

The State achieves Revenues without Investments
- Corruption Is totally eradicated
- The Contractor supplies all Materials/Equipment/Systems
- Markey Prices and Technologies and constantly monitored
- The Systems and Processes transcend Government Administrations
Success Story:

GUATEMALA NATIONAL ID - DPI -
Implementation Features

✓ Card is 100% Policarbonate high Security
✓ Secure, reliable, fraud resistant
✓ Smart Card (Chip de 64Kb)
✓ World-class IT Infrastructure
  ▪ 100% Redundancy
  ▪ 100% de Disaster Recovery Setup
  ▪ State-of-the Art Web Services (for Government and Private Sector usage)
✓ AFIS / FRS
✓ Decentralized enrolment / Centralized PERSO
✓ 685 Enrolment Site throughout the Country, 12 in the U.S.

✓ Document Change (Cedula to DPI = No Cost to Citizens
✓ New Citizens (reach 18 years old) = Minimum Cost
✓ Renewals / Repositions = Minimum Cost
Proceso Emisión del DPI

Paso 1 (Llegar a la sede del Renap)

Paso 2 (Verificar datos)

Paso 3 (Buscar persona SIRECI)

Paso 4 Captura de Datos

Paso 5 Verificación de Identidad de Personas

Paso 6 Impresión del Documento

Paso 7 Control de Calidad

Paso 8 Entrega del DPI

El DPI será entregado en la sede del Renap que el ciudadano indique.
AFIS / FRS Process

New Document

Identification (1:n)?

No HIT

Renewal / Update

Verification (1:1)?

Hit

Nuevo

Nuevo
The Smart Card

ID-One Cosmo JavaCard™ Platforms

ID-One Cosmo JavaCard™ Platforms

www.oberthurcs.com
The Smart Card

ID-One Cosmo JavaCard™ V7 Platform

One OS, multiple hardware platforms

**ID-One Cosmo V7.0 Standard (64k)**

Ultra fast communications (new ISO 7816-3 & 14443)
- 625,000 bauds at 5Mhz in contact (T=0 and T=1)
- 847,000 bauds full duplex in Contactless

**Extended length APDU (JC 2.2.2)**

**Faster retrieval of large data**

Applications

- Match On Card Applet
- LDS Implementation
- ID-ONE (e-identity, e-vote, e-purse)
Graphical PERSO

Front:
Código único de identificación (CUI)
Complete Names
Gender
Nationality
Place of Birth
Date of Birth
Photo, Signature
Date of issuance
Number of DPI’s issued to holder

Back:
Date of Issuance
Date of Expiry
Marital Status
State and City of Registration
Birth Information
Number of National ID
Place of issuance prior document
Factory PERSO Serial Number
MZR
Security Features and Data Elements - Front
Security Features and Data Elements - Back

VecindadMunicipio (16)

MunicipioNac (9)

Label

DepartamentoNac (10)

PaisNac (11)

EstadoCivil (15)

FechaNac (12)

Nota2

MRZ (52) Tres líneas, vea Especificaciones para detalles

VecindadDepartamento (17)
Milestones – RENAP/DPI Project

Estimates:
- 2009 – 1.5 Million
- 2010 – 4.5 Million
- 2011 – 2.0 Million
- 2012 – 2016 – 3.5 Million

Institution Starts
Municipality of Guatemala
100% NR absorbed
First DPI Delivered
Municipalities sop issuing Cedulas
Cedula No loger valid 6 million DPI’s issued

Absorción de los Registros Civiles
Licitación DPI
Producción de Documento Personal de Identificación DPI
Web services
Digitalización documental

31 DIC 2010
30 JUNIO
2010
2009
2008
MAYO
SEPT.
Cronograma Propuesto de Implementación del DPI en la República de Guatemala

1. Primera Quincena Febrero
2. Segunda Quincena Febrero
3. Primera Quincena Marzo
4. Segunda Quincena Marzo
5. Primera Quincena Abril
6. Segunda Quincena Abril
7. Primera Quincena Mayo
8. Segunda Quincena Mayo
9. Primera Quincena Junio
10. Segunda Quincena Junio
Questions ?