West Virginia Credentialing Program

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WV Credentialing Coordinator

West Virginia Department of Military Affairs and Public Safety
West Virginia Division of Homeland Security & Emergency Management
Personal Identity Verification – Interoperability (PIV-I)
Interoperability
FIPS 140-2
ISO 786
ISO 14443 Type-A
FIPS 201-2
Sensitive data
Multiple Attribute Containers
Digital Photo
Biometrics
Fingerprints (2)
Verification
Match-on-Card
Multi-Factor Authentication
x.509 Certificates
Identity Card Authentication
Signing Encryption
ISO 786 Contact interface
Enhanced JAVA OS
Proximity Chip
Legacy systems
125 KHz chip
40-bit number in CASI format
Magnetic Stripe Legacy systems
Physical Integrity Holographic Overlay
WEST VIRGINIA SMART CARD PLATFORM
Multi-Factor Authentication
APPLICATIONS

- Identification
- Multi-factor Authentication
- Logical Access Control
- Physical Access Control
- Data and Email Encryption
- Digital Signing
- Attributes (Certifications/Skills/Authorizations, etc.)
- Financial Transactions
- Benefits (DHHR, etc. – {Fraud Reduction})
- Licensing (Driver’s License, Hunting & Fishing, etc.)
REAL WORLD USE

- Parking garage access – Capitol Complex
- Facility door access – Capitol Complex
- ID for TSA checkpoint verification
  - Charleston Airport (CRW)
  - Washington National Airport (DCA)
- ID for bank identity verification - Local Bank
- ID for hotel validation (within WV and out of state)
IMPLEMENTATION

- Bring all installed kiosks on-line
- On-board organizations at kiosk locations
- Train personnel to use kiosks
- Enter interested agencies in enrollment site counties in system
- Begin enrollment of Emergency Response Personnel

- Add kiosks to provide geographic distribution
- Repeat above items for each new site county

- Make services available to other counties/agencies
ORGANIZATIONS ISSUED CARDS TO DATE

13 Counties (County & Local Agencies)
  13 – Homeland Security & Emergency Management Agencies
  13 – Communication Departments
  8 - Law Enforcement Agencies
  4 - Fire Departments
  1 - Maintenance Department

5 - State Agencies
  Office of the Secretary Military Affairs and Public Safety
  State Police
  Homeland Security and Emergency Management
  Fusion Center

  Agriculture

DHS/FEMA

1 – State Contractor (NextGenID)
EMERGENCY RESPONSE COMMUNITY

Traditional Groups (LE, EMS, FIRE)

25,000

Goal: 75% Participation (18,750)

LE: 4500

State Police: 1000

$150/card X 18,750 = $2,812,500
PROGRAM EXPANSION

Office of Technology
- Limited card issuance to allow testing with state systems

Department of Health & Human Resources
- Discussions about issuance to selected personnel
  - 2 factor authentication
- Other uses ??

State Police
- Issue to members during in-service training
ORGANIZATIONAL STRUCTURE

Current
Program Office

Future Vision
State Program Office

- DHSEM
- DHHR
- DMV
- Etc., Etc.
Type of Card

Citizen

Employment

Other ??
<table>
<thead>
<tr>
<th></th>
<th>WV</th>
<th>NC</th>
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<tbody>
<tr>
<td>Population</td>
<td>1.8 Mil</td>
<td>9.5 Mil</td>
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<tr>
<td>Government Employees</td>
<td>121,000</td>
<td>685,000</td>
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Government Employees 121,000
40,000 State
20,000 Education
60,000 County/local
Questions??

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