

Interagency Advisory Board

Meeting Agenda, Wednesday, April 24, 2013

1. **Opening Remarks**
2. **A Security Industry Association (SIA) Perspective on the Cost and Methods for Migrating PACS Systems to Use PIV and PKI as Relying Parties** (*Steve Van Till, SIA*)
3. **Update on FIPS 201-2 and Associated Publications** (*Hildy Ferraiolo NIST*)
4. **What the SCA is Doing to Increase Adoption of Strong Credentials - Government ID Training, PIV-I Implementation, and Interoperable Credentials** (*Panel Discussion of SCA membership*)
5. **Closing Remarks**



Smart Card
Alliance



PIV-I from Issuance to Usage

- Kevin Kozlowski
- Vice President
- XTec, Inc.

PIV-I from Issuance to Usage

- **Infrastructure setup eased by leveraging hosted AuthentX solution**
 - Data Center Availability
 - Software-as-a-Service
 - Web-based Administration
- **Planning for card usage prior to issuance**
 - Collection of Employee Information
 - Issuance of PIV-I
 - Certificates
- **Enterprise Adaptability**
 - Provisioning to Active Directory
 - Immediate Access to Network
 - Default Permissions to PACS
 - Remotely Upgrade Field Devices



PIV/CAC/PIV-I Use Cases

- **Leverage Trust & Interoperability**

- Attribute verification
- Situational awareness
- Accountability
- After-action/Reconstruction/Reports
- Federation
- Inter/Intra-organizational resources



Photo: Army Sgt. 1st Class Tyrone C. Marshall Jr.

- **Basic Benefits**

- Validation
- Authentication
- Authorization
- Secrecy/Confidentiality
- Data Integrity
- Non-Repudiation

- **Examples**

- [Presidential Inauguration](#)
- [State of the Union Address](#)



**Smart Card
Alliance**



Speaker Contact Information:

Kevin Kozlowski

(703) 547-3524

kkozlowski@xtec.com

- Smart Card Alliance
- 191 Clarksville Rd. · Princeton Junction, NJ 08550 · (800) 556-6828
- www.smartcardalliance.org



PIV / PIV – I Current environment

➤ **BAH PIV-I deployment**

- Issued 26,000 cards to Staff over 12 months
- Web Based
- Multi-vendor solution (Intercede / Symantec / Lenel)

➤ **Logical Access**

- Integrated with Active Directory
- User information come from AD

➤ **Physical Access**

- Real Time update
- Default access list

Booz | Allen | Hamilton

delivering results that endure

PIV / PIV – I Current Use Case

➤ Currently Deployed

- Full Disk Encryption
- Windows Logon
- MAC / Linux Integration

➤ Planned for 2013

- Secure Email without additional infrastructure using a sled (Currently in Pilot)
- Business Intelligence with Smart Card Authentication
- Using a NFC/Bluetooth fob with multiple devices concurrently
- Mobile Data at Rest

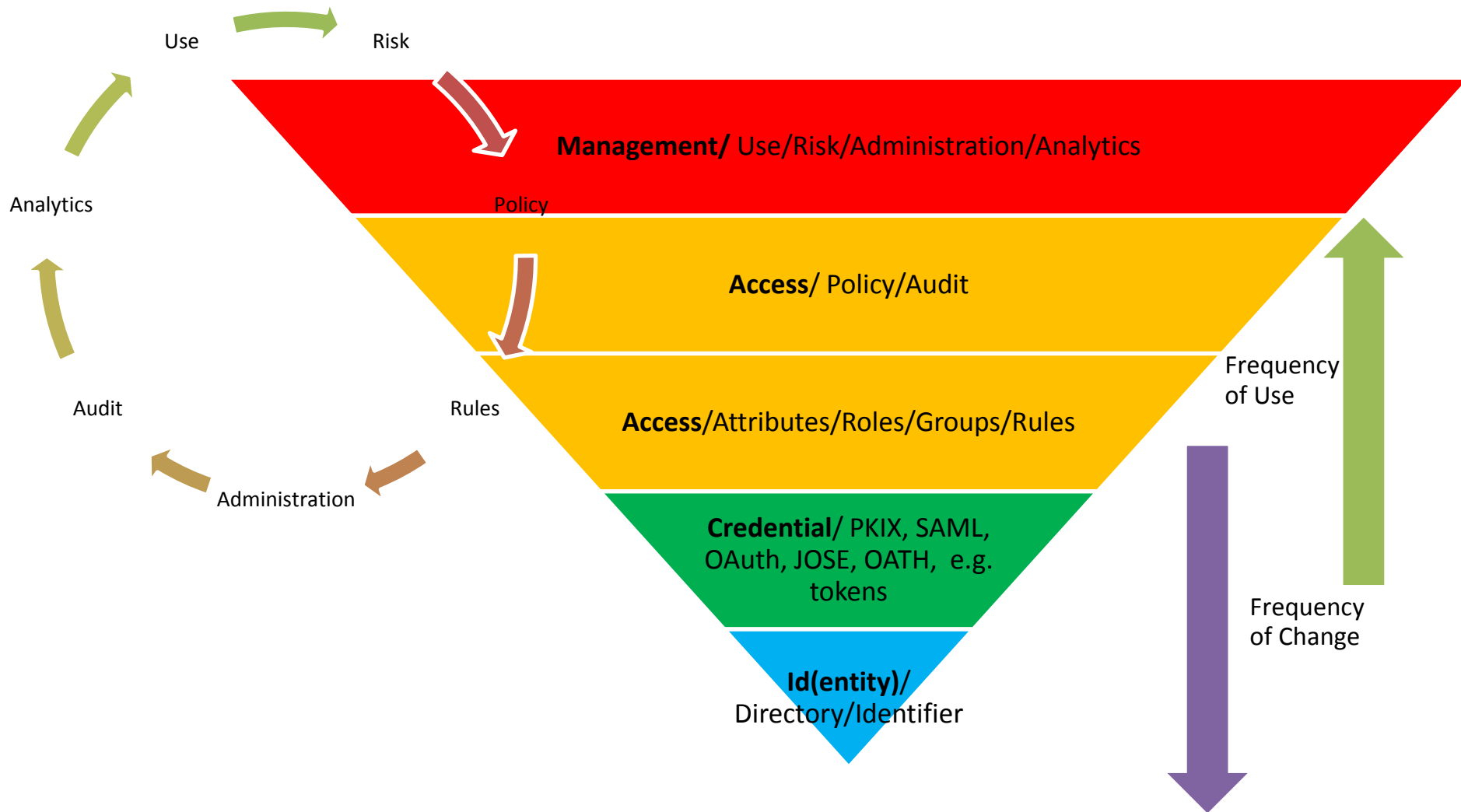


Industry Prototyping Practices

Smart Card Alliance
Increasing Adoption of Smart Card Technology
IAB
24 July 2013

Fail Fast

- Things are not going to work
- Need an ability to simulate as a test enterprise use cases
- Walk the chain from credential to services to infrastructure and back the other way



Testing = Rapid Prototyping

- Component Testing (for industry doesn't have to be on the APL)
 - Cards
 - Keys
 - Applets
 - Certificates
 - Profiles
 - Extensions
 - Middleware
 - Readers
 - Applications/Use in context

Prototyping and Test Infrastructure

- Mimic enterprise (federation) sorry for the acronyms..
 - PKI
 - Person
 - NPE
 - DNS
 - NTP
 - DHCP, HTTP, OSDP
 - TFTP
 - Directories
 - SNMP

Open Source Tools

- Significant and growing set of open source tools
 - Debian Linux
 - Open SSL
 - Open SC
 - Open LDAP
- Map to normative standards and set controls
- Work to propagate these throughout the supply chain



Smart Card
Alliance



Smart Card Alliance Professional Education, Training and Certification program

CSCIP/G

Lars R. Suneborn
Sr. Manager, Oberthur Technologies
Government ID



Interagency Advisory Board, 24 April, 2013

LEAP and CSCIP/Government



Leadership,
Education, and
Advancement
Program

- Individual professional development and smart card training subscription
- Access to a complete library of educational resources
 - White papers, position papers, reports
 - Webinars – audio and slide deck
 - Workshops – audio and video recording
 - Past conference proceedings
 - LEAP Community social networking site
- **No SCA membership required**

CSCIP/Government Certification

➤ **CSCIP/Government :**

- FIPS 201, the PIV Card and Federal Identity Management
- FIPS 201 common identity, security and privacy requirements
- The PIV system
- The PIV card
- PIV card issuance and lifecycle
- FIPS 201 and biometrics
- Federal assurance and authentication levels
- FIPS 201/PIV card physical access use cases
- FIPS 201/PIV card logical access use cases
- FIPS 201/PIV card certification, testing and acquisition
- PIV-I interoperability beyond the Federal government
- Federal public key infrastructure
- Federal identity, credential and access management guidelines



100+ certified CSCIP/G professionals today

CSCIP/Government Documentation



**Certified
Smart
Card
Industry
Professional
- *Government***

Professional Training and Certification Program – for Government

➤ Training program

- Comprehensive body of knowledge
- 8 modules, 400+ pages of content
- Instructed, full day training course

➤ Certification program

- 3 part certification exam
 - Smart Card Fundamentals
 - Smart Card Security and Application Management
 - Smart Cards Applications

➤ Government smart card market focus

➤ Next CSCIP Training/Exam – June 4-5

Government PIV Training



**Leadership,
Education and
Advancement
Program**

**LEARN HOW
TO BECOME A :**



CSCIP/G Training & Exam Prep Course¹ Schedule

Location	Event	CSCIP Training	CSCIP Exam
Las Vegas, NV	ISC West	April 9, 2013	April 10, 2013
Washington, DC	None	June 4, 2013	June 5, 2013
Washington, DC	SCA Government Conference	October 14, 2013	October 15, 2013
Miami, FL	SCA Annual Conference	December 8, 2013	December 9, 2013



For More Information

The LEAP logo, with "LEAP" in large blue letters and a gear icon to the left. Below it, the text "Leadership, Education and Advancement Program" is written in blue.

LEAP
Leadership,
Education and
Advancement
Program

**LEARN HOW
TO BECOME A :**

The CSCIP logo, featuring a yellow gear icon and the text "CSCIP Certified Smart Card Industry Professional".

CSCIP Certified
Smart Card
Industry
Professional

The Smart Card Alliance logo, featuring a blue gear icon and the text "Smart Card Alliance".

Smart Card
Alliance

A photograph of three business professionals (two women and one man) smiling in an office setting.

For Pricing, Registration, Schedule:

**Randy Vanderhoof
Executive Director
Smart Card Alliance**

609-587-4208

rvanderhoof@smartcardalliance.org

www.smartcardalliance.org

<http://www.smartcardalliance.org/pages/activities-leap>



**Smart Card
Alliance**



Speaker Contact Information

**Lars R. Suneborn, CSCIP/G
Oberthur Technologies**

l.suneborn@oberthur.com · Phone: (703) 322-8929

www.Oberthur.com