



Government Use Cases for High Assurance Credentials

FICAM for PACS/LACS Integration

Marian Cody

US Department of Housing & Urban Development

October 30, 2014

Key Federal Drivers

HSPD-12

“...it is the policy of the United States to enhance security, increase Government efficiency, reduce identity fraud, and protect personal privacy by establishing a mandatory, Government-wide standard for secure and reliable forms of identification issued by the Federal Government to its employees and Contractors.”

OMB Memorandum 11-11

“Effective the beginning of FY2012, existing physical and logical access control systems must be upgraded to use PIV credentials, in accordance with NIST guidelines, prior to the agency using development and technology refresh funds to complete other activities.”

The REALITY – October 21 News

»

[mail](#) [twitter](#) [facebook](#) [linkedin](#) [youtube](#) [flickr](#)

[AGENCIES](#) - [TECH](#) - [CYBER](#) - [DOD](#) - [PEOPLE](#) - [LIFESTYLE](#) - [TV & VIDEO](#) - [RADIO](#) - [EVENTS](#)



FEDTALKS2014 November 6, 2014 | Andrew Mellon Auditorium **REGISTER NOW**

**« PREVIOUS STORY**
NextGen plan cites funding as ongoing concern

Audit: IRS won't hit HSPD-12 ID card benchmark until 2018

U.S. Department of Housing and Urban Development

- Major Lines of Business are Financially Driven:

- ❖ Mortgage Insurance & Investments
- ❖ Housing Assistance

- Users:

- ❖ Internal Employees & Contractors: 12,000
- ❖ External Partners: ~250,000

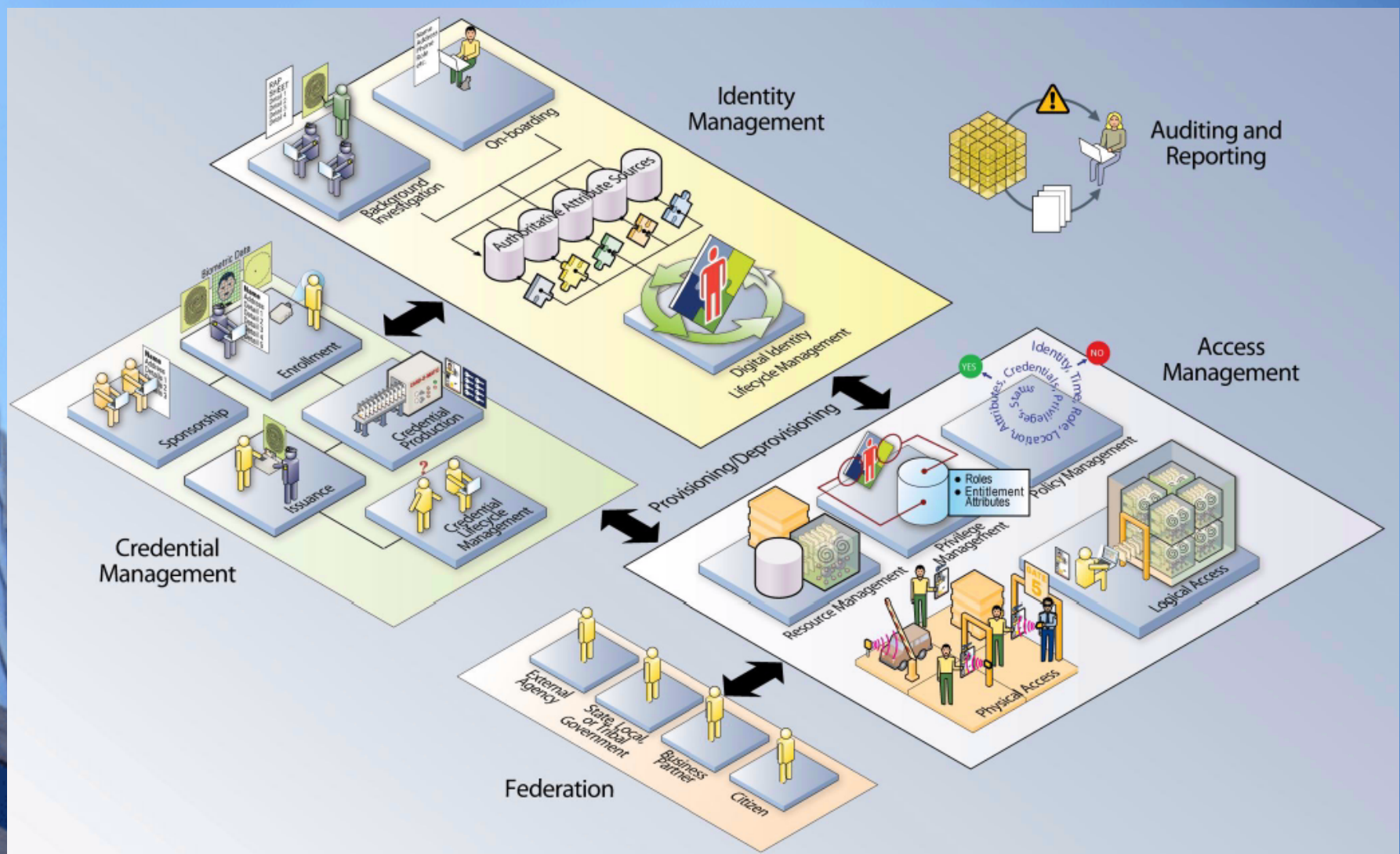
- Information Technology:

- ❖ Legacy
- ❖ Web based

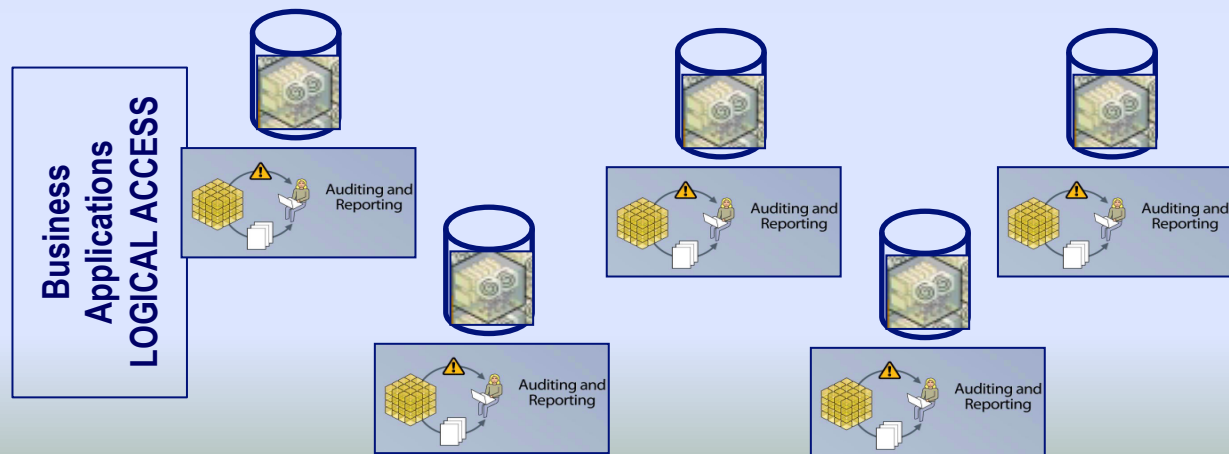
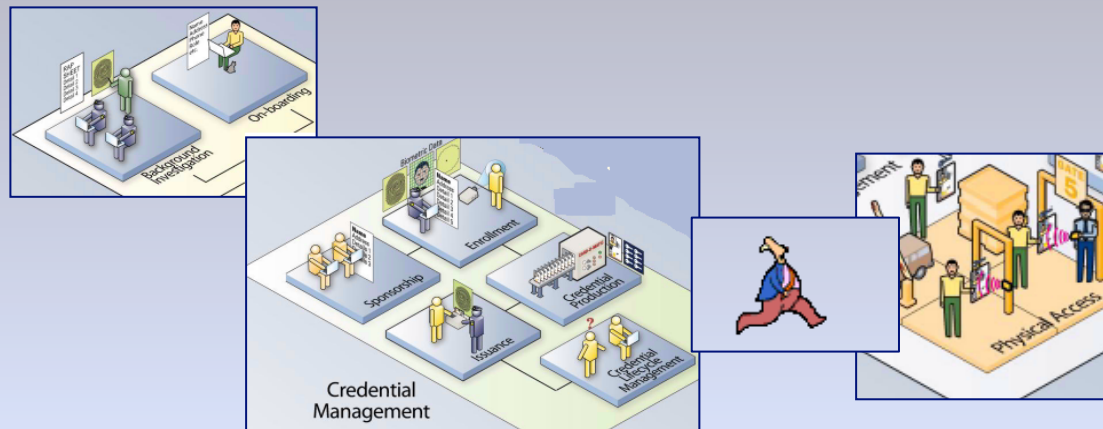
- Data:

- ❖ Unclassified
- ❖ Sensitive Personally Identifiable Information (PII)

The Vision (Post Condition)



HUD's Use Case (Pre Condition)



Challenges

- ❖ Balancing Risk and Security
- ❖ Moving From Local to Enterprise-Wide
- ❖ Incomplete Deployment
- ❖ Automation
- ❖ Complexity
- ❖ Technology – i.e., Legacy
- ❖ Dedicated Resources
- ❖ Users

HUD - From Pre to Post

❖ Create Enterprise-Wide Program

- ❑ Automated tool suite
- ❑ Automated Interconnections
- ❑ Integrating Physical and Logical

❖ Physical Access

- ❑ Complete Deployment of PACS Equipment

❖ Logical:

- ❑ SSO Enable Business Applications
- ❑ User Based Implementation

Lessons Learned

- ❖ Complexity
- ❖ Time
- ❖ Commensurate With Risk
- ❖ Deliver Visible Results
- ❖ Tap External Expertise

“It might not look it but rocking in a corset is harder than you think.” (evanescence quotes)

Q&A

