



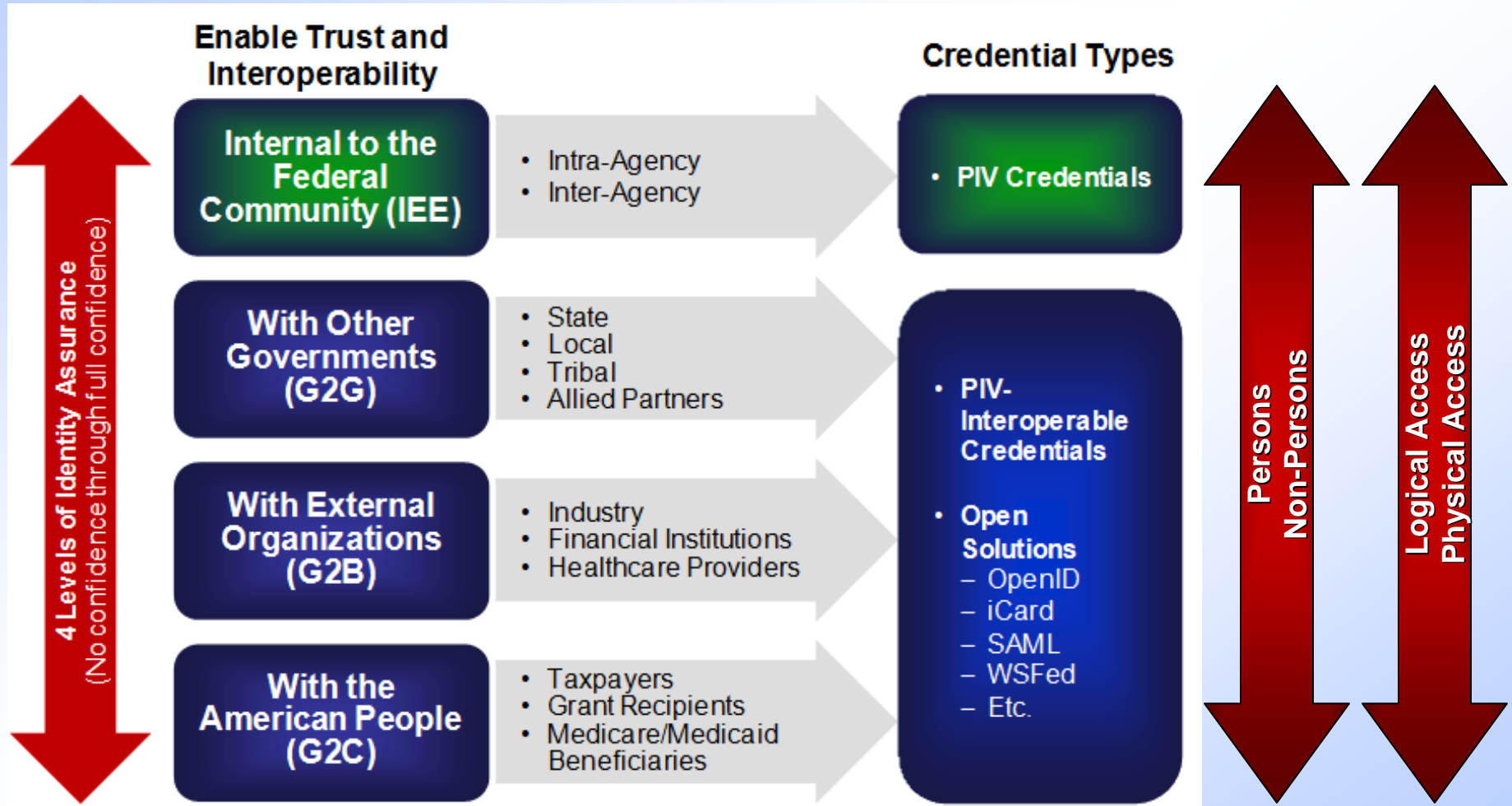
USDA - Identity, Credential and Access Management

Why the FICAM Roadmap is Important!

October, 2009

Complying w/ Laws, Regs, Stds & Governance
Facilitating Electronic Government
Improving USDA's Security Posture
Enabling Trust & Interoperability
Reducing Costs & Increasing Efficiency

FICAM Scope



- **Overview of Identity, Credential, and Access Management.** Provides an overview of ICAM that includes a discussion of the business and regulatory reasons for agencies to implement ICAM initiatives within their organization.

PART A: ICAM Segment Architecture (Phase 1 of the effort)

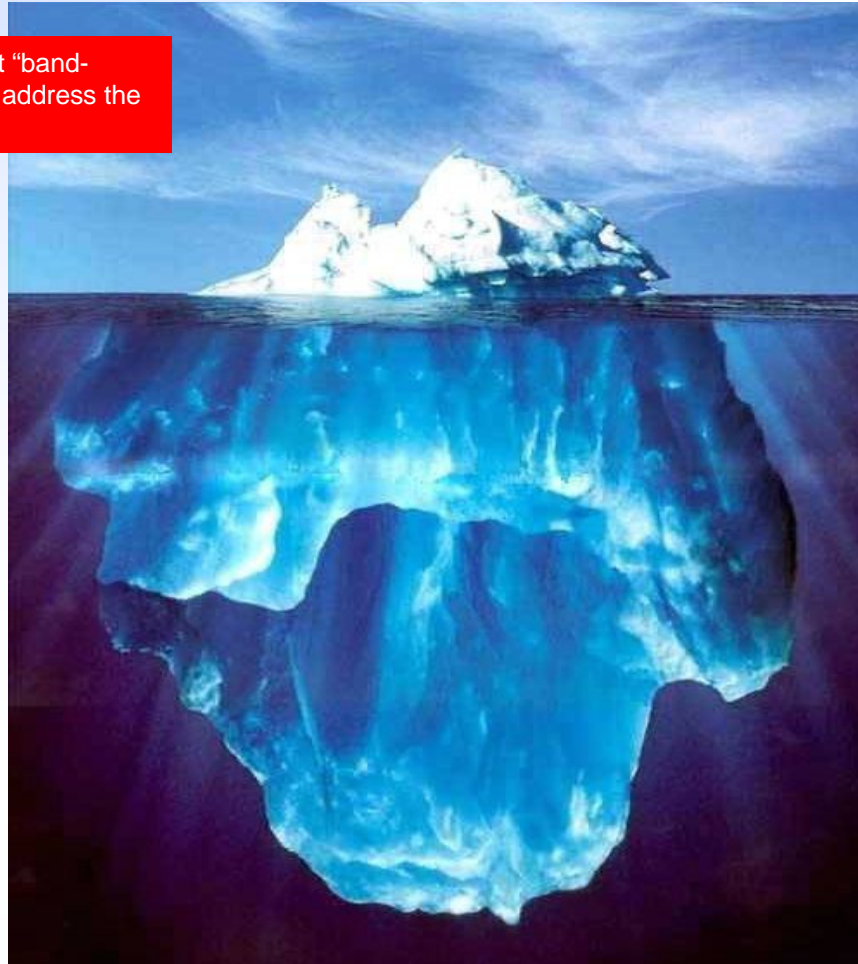
- **ICAM Segment Architecture.** Standards-based architecture that outlines a cohesive target state to ensure alignment, clarity, and interoperability across agency initiatives.
- **ICAM Use Cases.** Illustrate the as-is and target states of high level ICAM functions and frame a gap analysis between the as-is and target states.
- **Transition Roadmap and Milestones.** Defines a series of logical steps or phases that enable the implementation of the target architecture.

PART B: Implementation Guidance (Phase 2 of the effort)

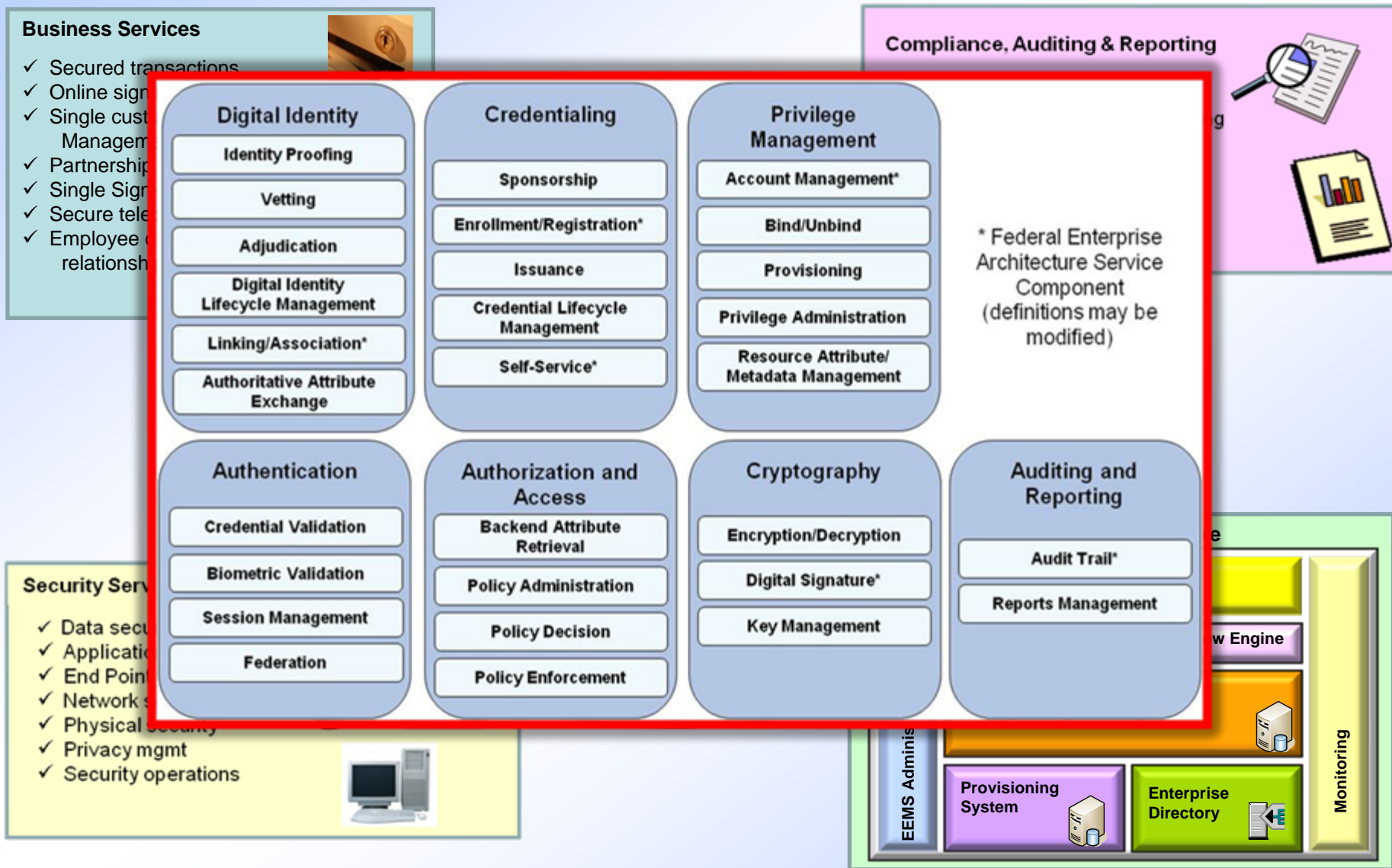
- **ICAM Implementation Planning.** Augments standard life cycle methodologies as they relate to specific planning considerations common across ICAM programs.
- **Implementation Guidance.** Provides guidance to agencies on how to implement the transition roadmap initiatives identified in the segment architecture, including best practices and lessons learned.

Security: Are We Addressing the Real Issues or Just Skimming the Surface

Do many of our fast “band-aid” answers really address the problem?



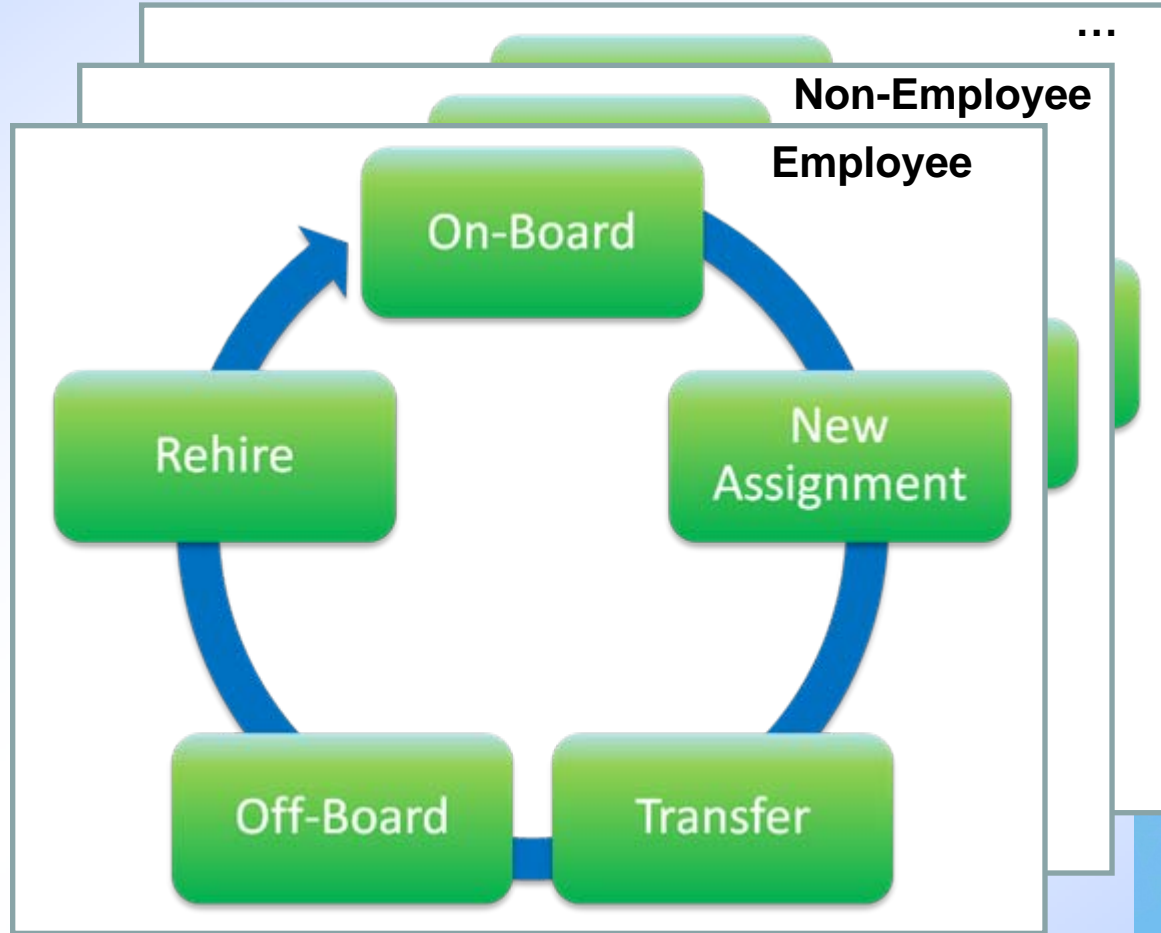
Taking Ownership of FICAM's Work



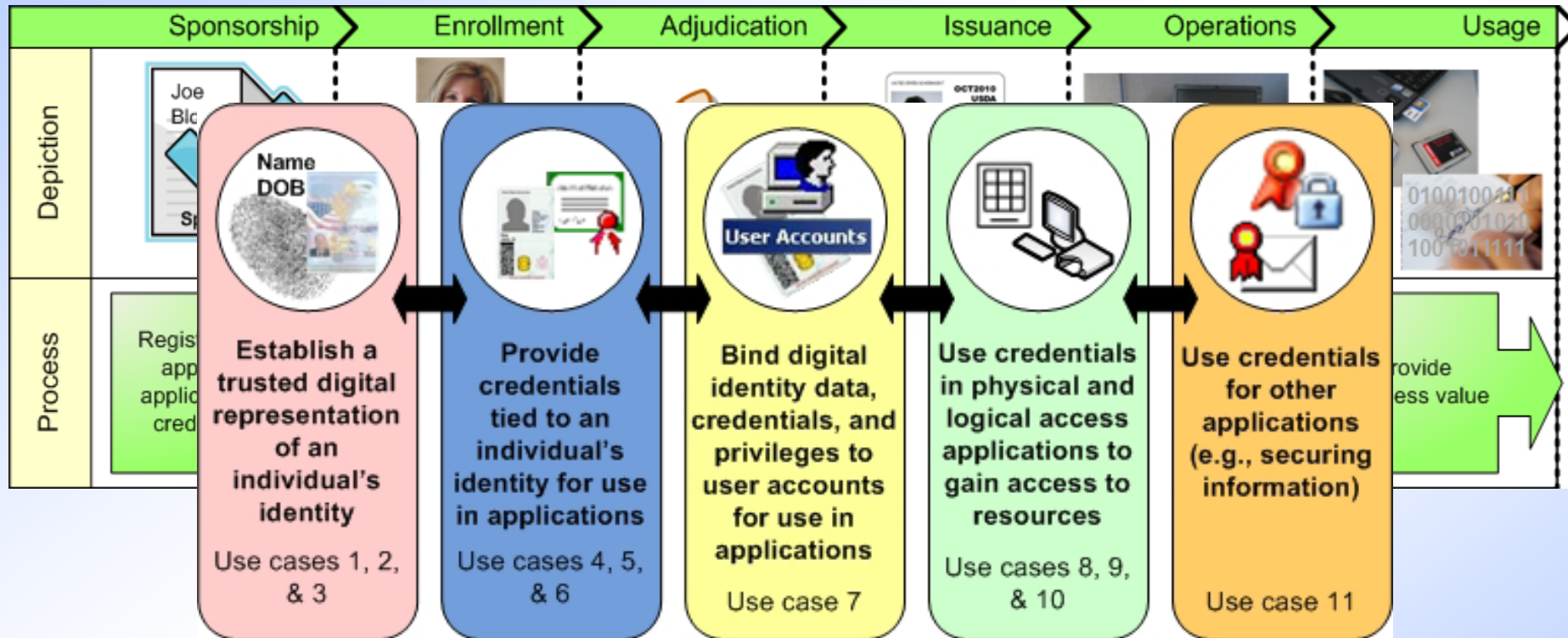
Defining "Ownership" Improve Identity Mgmt Processes



- ✓ Active
- ✓ Suspend
- ✓ Leave
- ✓ Retired
- ✓ Terminated
- ✓ Fired
- ✓ ...

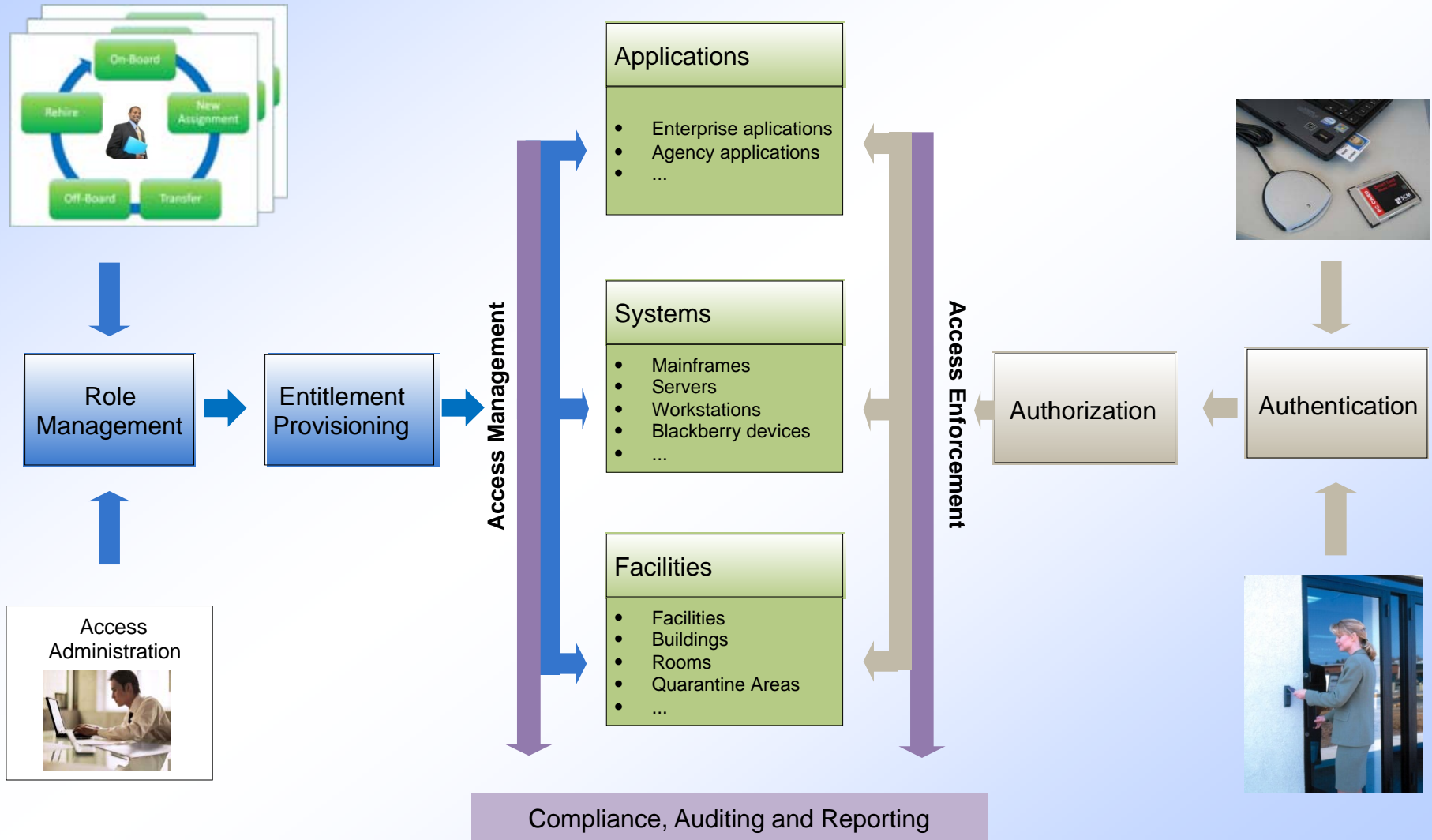


Defining "Ownership" Update & Complete the Credentialing Processes

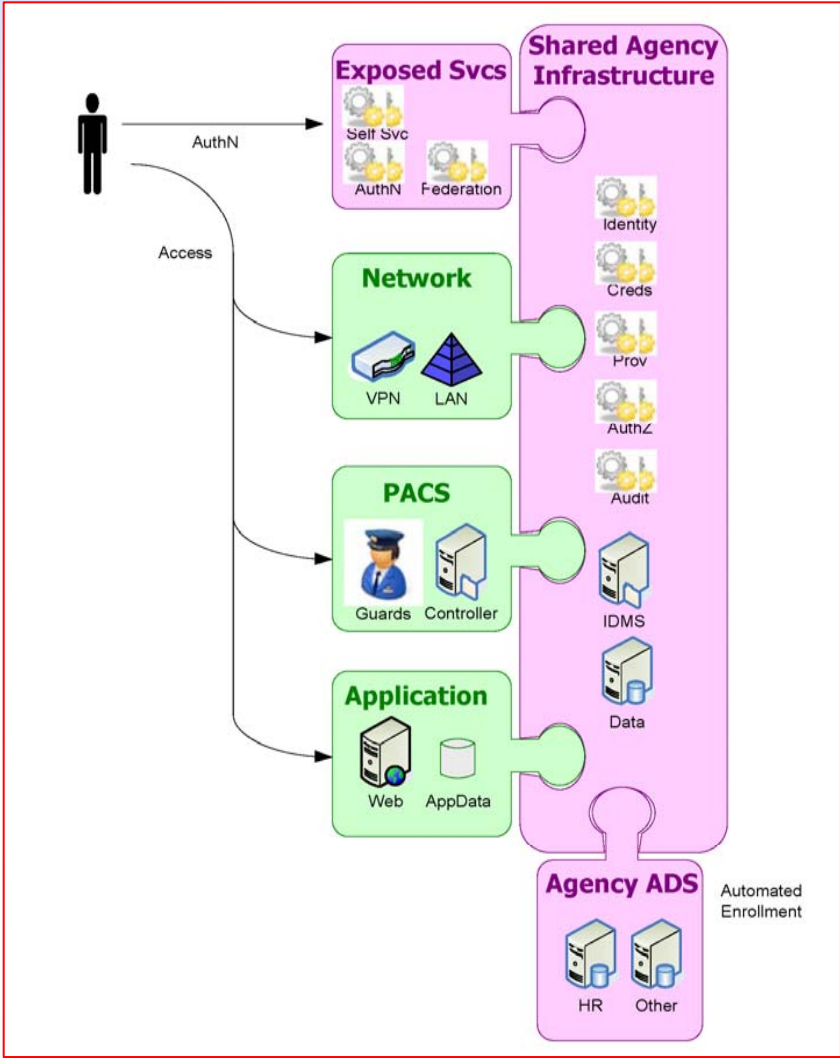


Defining "Ownership"

Improve the Access Control Processes

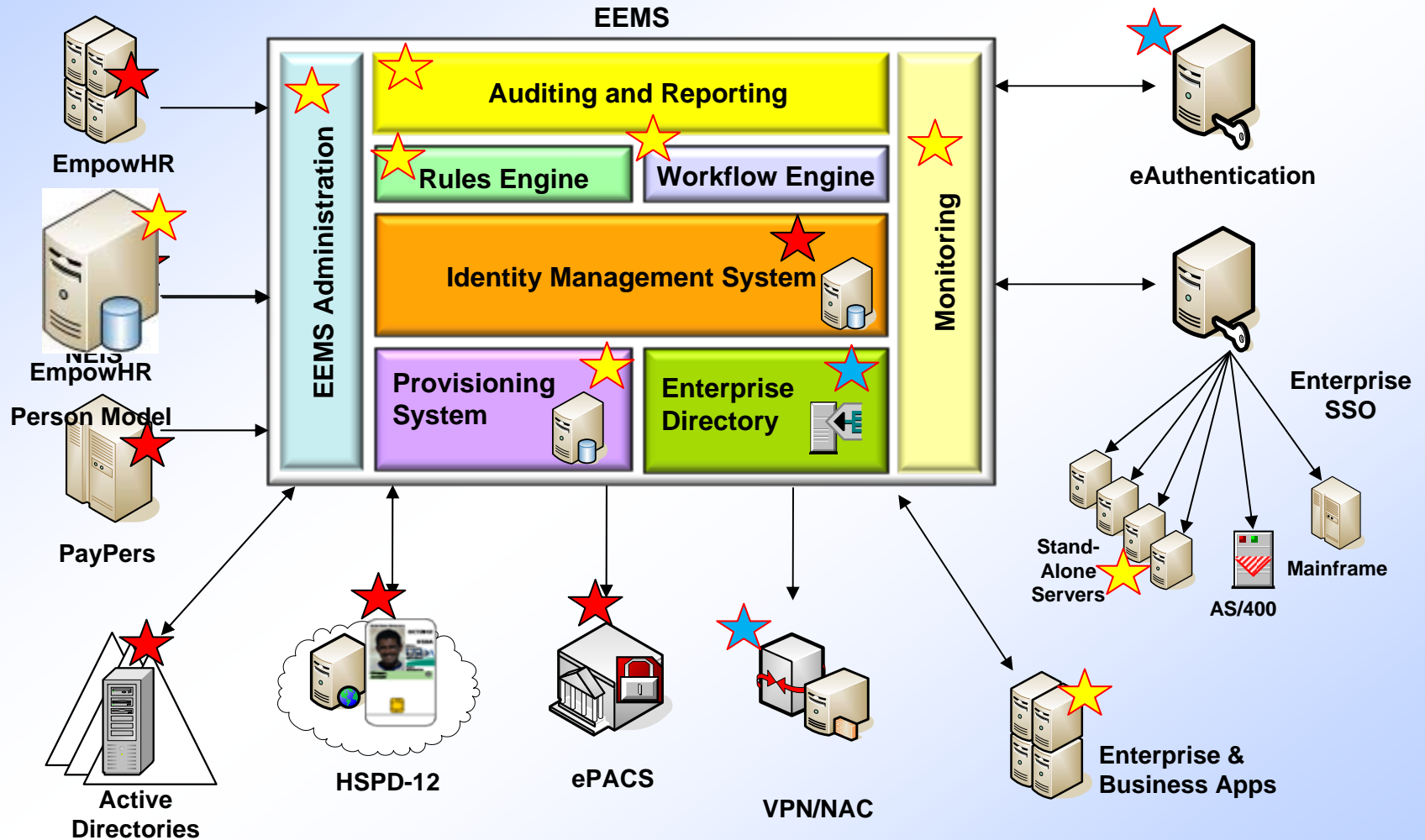


Defining "Ownership" Glue the Pieces Together



USDA's "Glue" - Tying It All Together

Implement Updated Policies, Procedures & Technologies



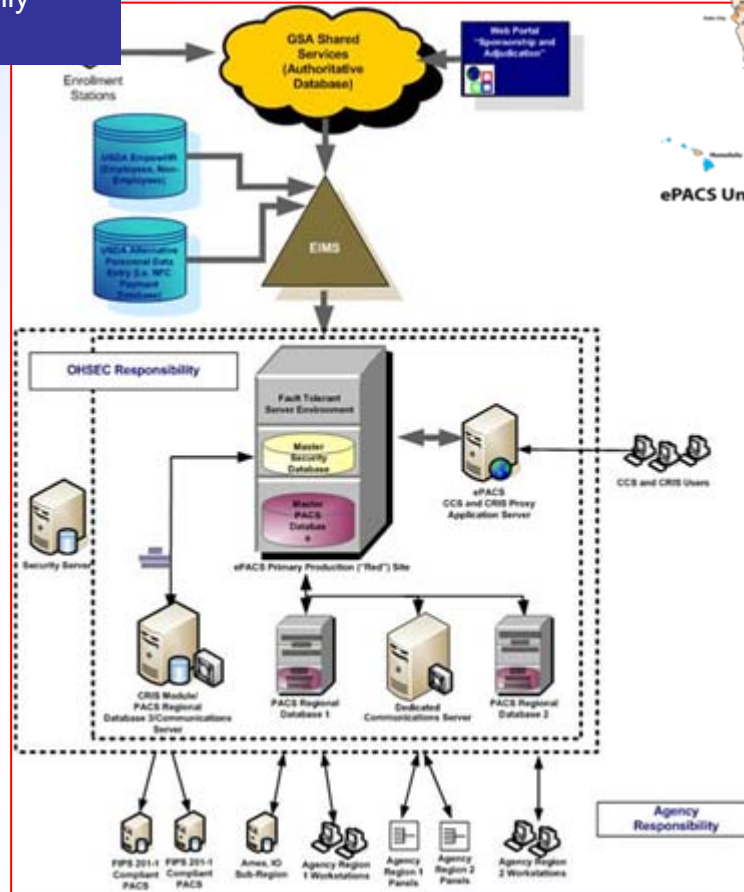
Example Utilization: Single Sign-On



Desktops, Laptops, VPN's,
eAuthentication, etc.

Example Utilization: Physical Access Controls

For "Ultimately" 220 MCF's ...
National Infrastructure in Place
Almost 100 Facilities Already Connected
Authentication Controlled Nationally
Authorization Controlled Locally



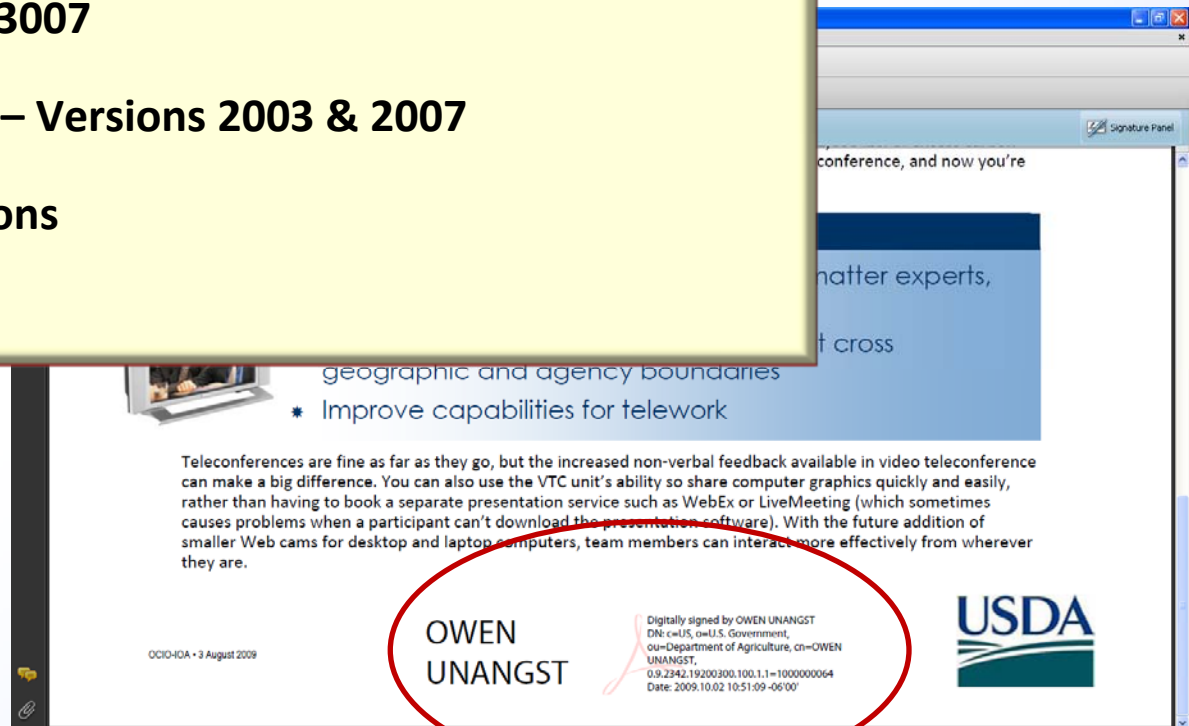
Example Utilization: Role Based Access Control

Employee Name	PO Inquiry	Requisition (PO-Requisitioner)	Approval (PO-Approver, AP-Manager)	Create PO (PO-Buyer)	Receiver (PO-Receiver)	AP Inquiry	Invoice Payment (AP-Payment, AP-Supervisor, AP-Manager, AP-Invoice)	Reconcile Payments (Bank Reconciliation)	Fixed Assets Entry (FA-Maintenance, FA-Manager)	Run Depreciation (FA-Manager)	Create Journal Entries (GL-User, GL-Supervisor, GL-Superuser)	Approve Journal Entries (GL-Supervisor, GL-Controller, GL-Superuser)	Create User
Adrian Ortega	X				X								
Andrea Getten		X											
Amy Meuller		X											
Arnie Schramel											X	X	
Barber Porter			X										
Beau Harder		X											
Bill Tetlow	X				X								
Bob Bean													
Bob Edwards		X	X										
Brandon Furlow		X											
Carla Schlick				X									
Carolyn Nichols	X	X				X		X		X			
Chris Childress			X										
Chris Rodewald		X	X										
Clare Kron		X											
Cynthia Botello	X	X				X		X					
Dan McNamara			X										

Manual Process:
 - Over 200 persons to manage roles
 - 73 to handle audit issues

Scope

- Adobe Acrobat files and forms – Versions 8 & 9
- Microsoft Office (Word, Excel, PowerPoint)
 - Versions 2003 & 3007
- Microsoft Outlook – Versions 2003 & 2007
- Business Transactions



The screenshot shows a document window with a signature panel. The document text includes: "geographic and agency boundaries", "* Improve capabilities for telework", "Teleconferences are fine as far as they go, but the increased non-verbal feedback available in video teleconference can make a big difference. You can also use the VTC unit's ability to share computer graphics quickly and easily, rather than having to book a separate presentation service such as WebEx or LiveMeeting (which sometimes causes problems when a participant can't download the presentation software). With the future addition of smaller Web cams for desktop and laptop computers, team members can interact more effectively from wherever they are.", "OCIO-HOA • 3 August 2009", "OWEN UNANGST", "Digitally signed by OWEN UNANGST DN: c=US, o=U.S. Government, ou=Department of Agriculture, cn=OWEN UNANGST, 0.9.2342.19200300.100.1.1=1000000064 Date: 2009.10.02 10:51:09 -06'00", and the USDA logo.

FICAM Provides Us:

- Definitions
- Goals
- Governance
- Targets
- Use Cases
- Transition Concepts
- Soon, Implementation Guidance

Why This is Important:

- Consistent with FICAM, Chapter 6:
 - Stakeholder Mgmt
 - Risk Mgmt
 - H/W Purchases
 - S/W Purchases
 - Rollout Processes & Costs
 - O&M
 - C&A
 - End User Support



Questions?