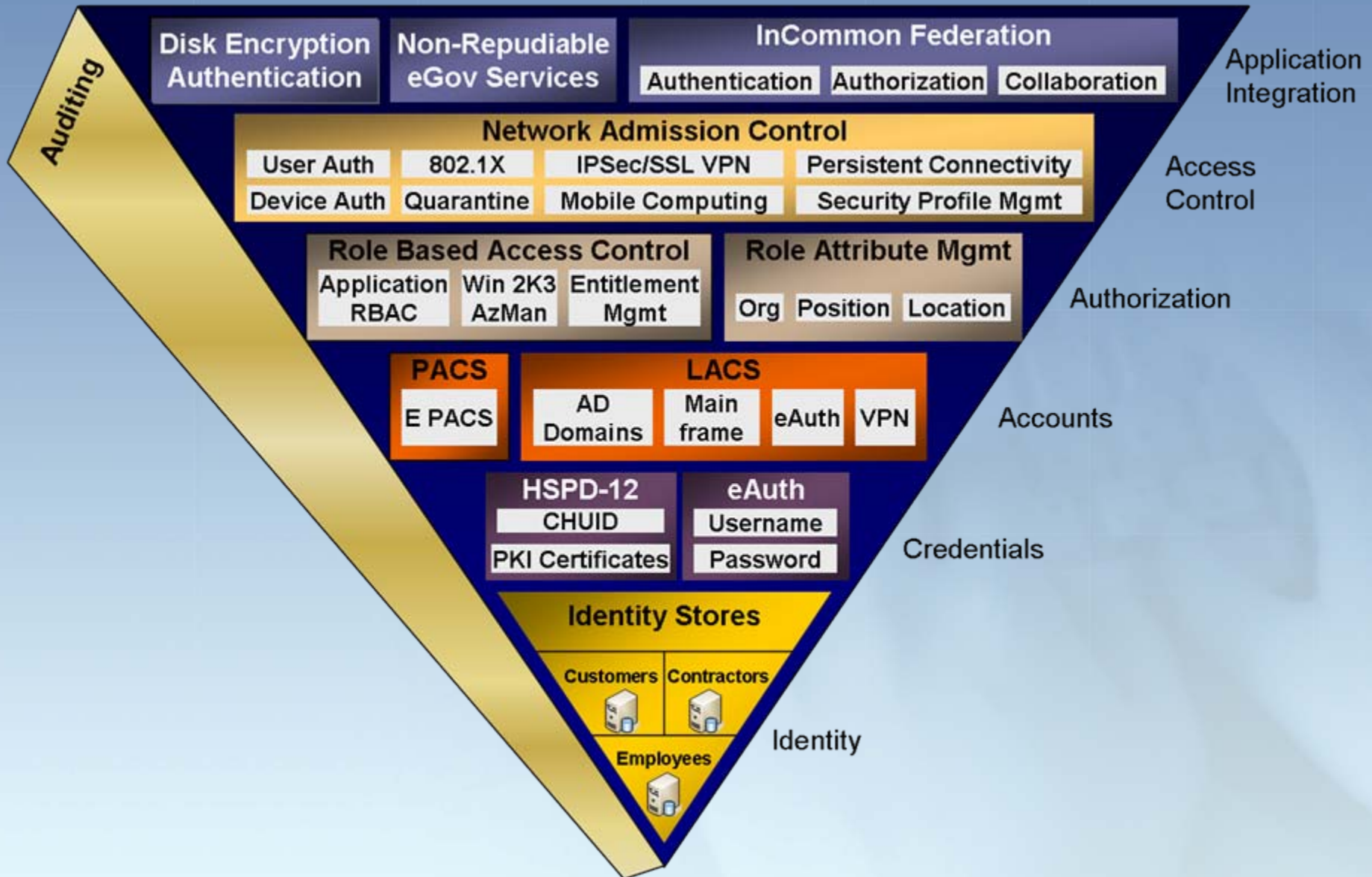


# Identity & Access Management

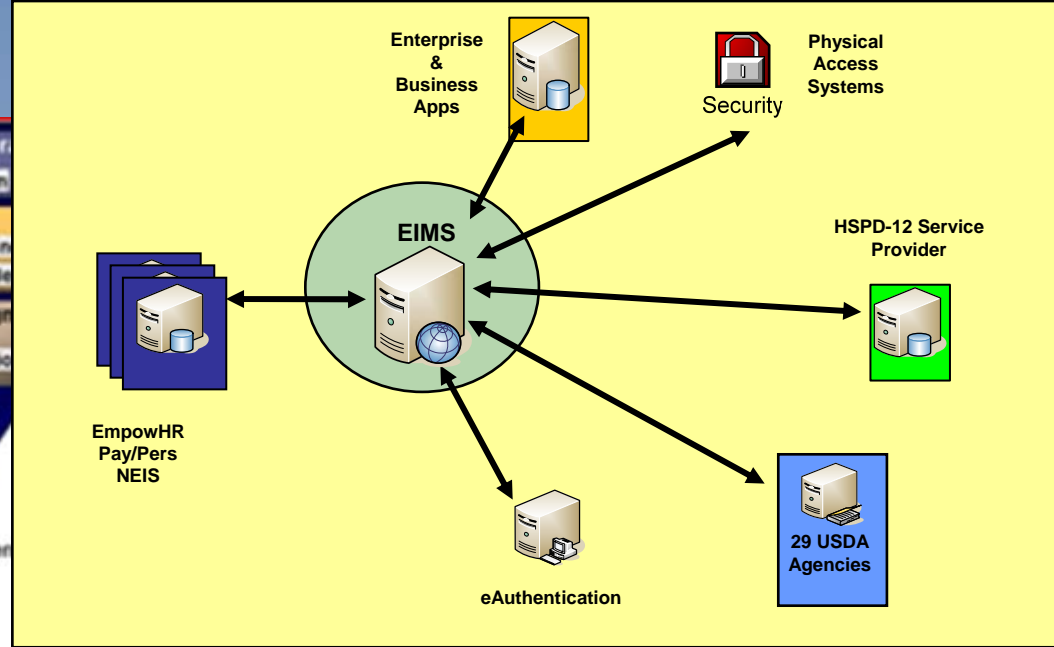
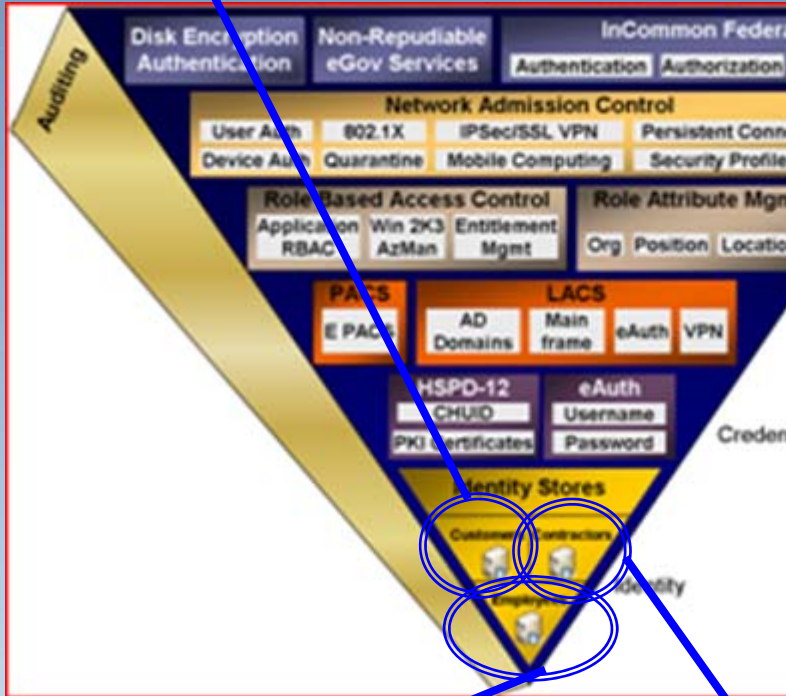
@ USDA



# IAM – Services Dimension

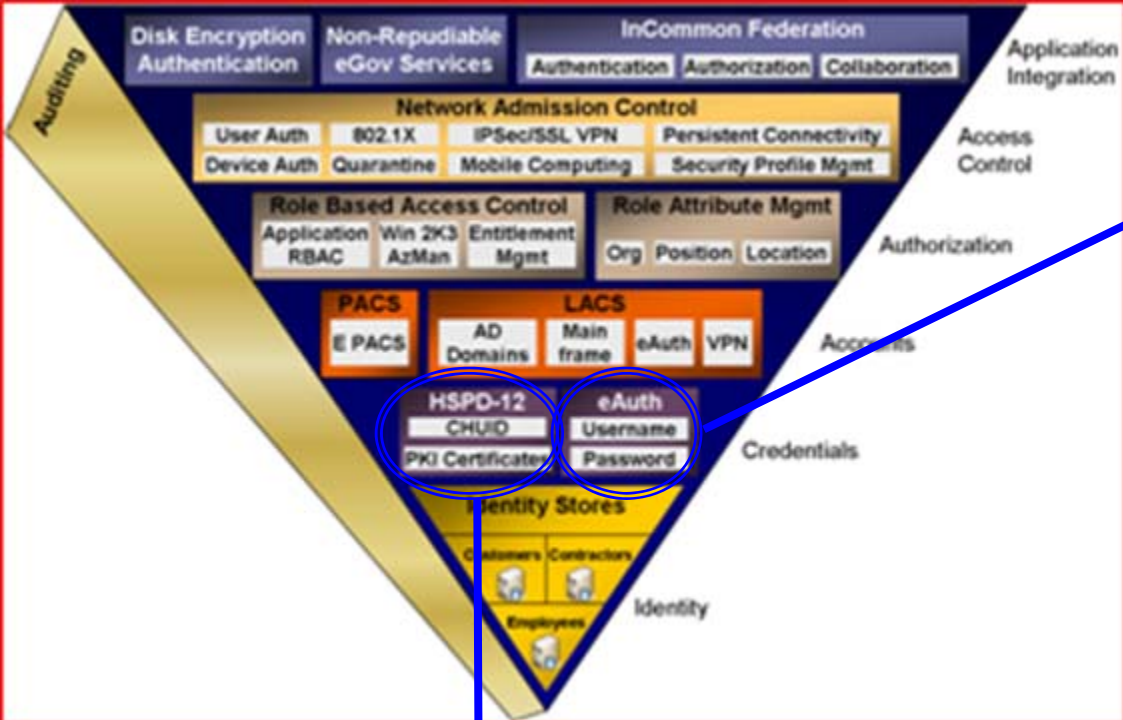


**USDA needs to "Restart" this effort**

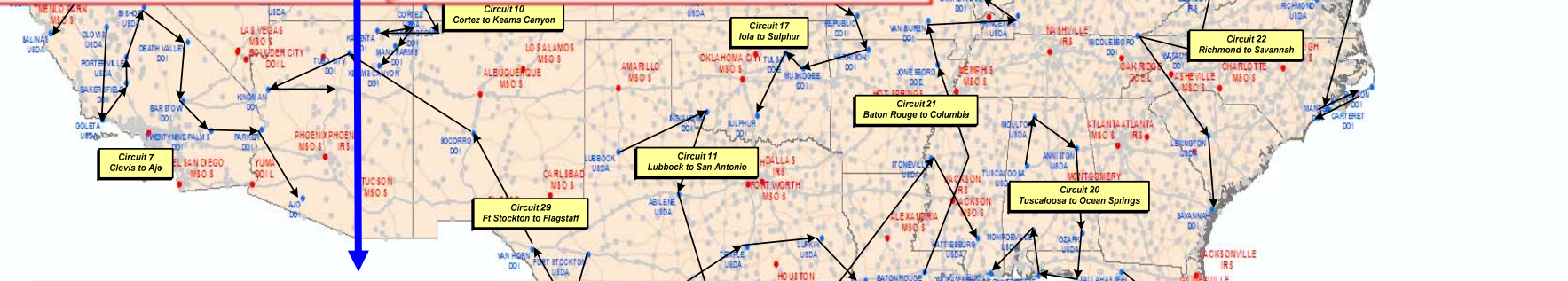


**HR Systems are Connected**  
**HR Policy to "Update in a Timely Manner"**  
**is not being implemented consistently**

**Non-Employee Info. System is operational**  
**First 6,000+ contractors are being entered**



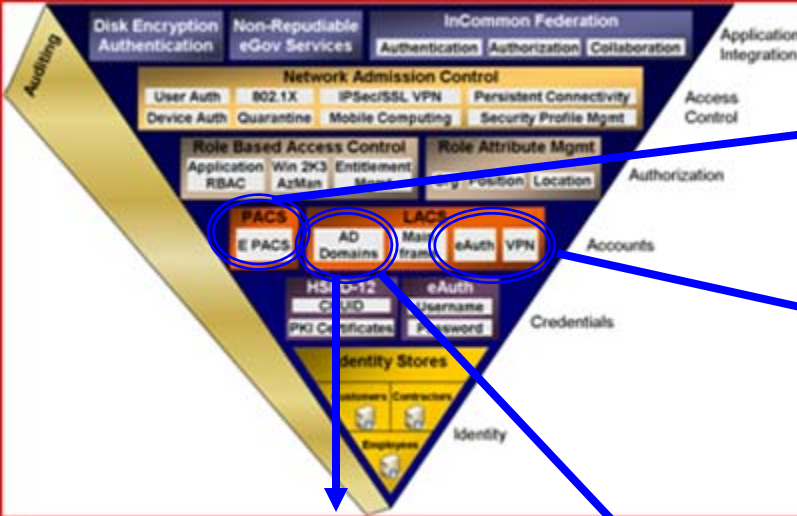
**Customer Accounts**  
 214,000 electronic customers  
 1.4 million Au per month



**Employee & Affiliate Accounts**  
 70,000 USDA persons enrolled for PIV Cards  
 Fall/Winter Enrollment Partnership

- 121 fixed enrollment stations
- 227 mobile enrollment stations

Activation solution not yet "in our hands"



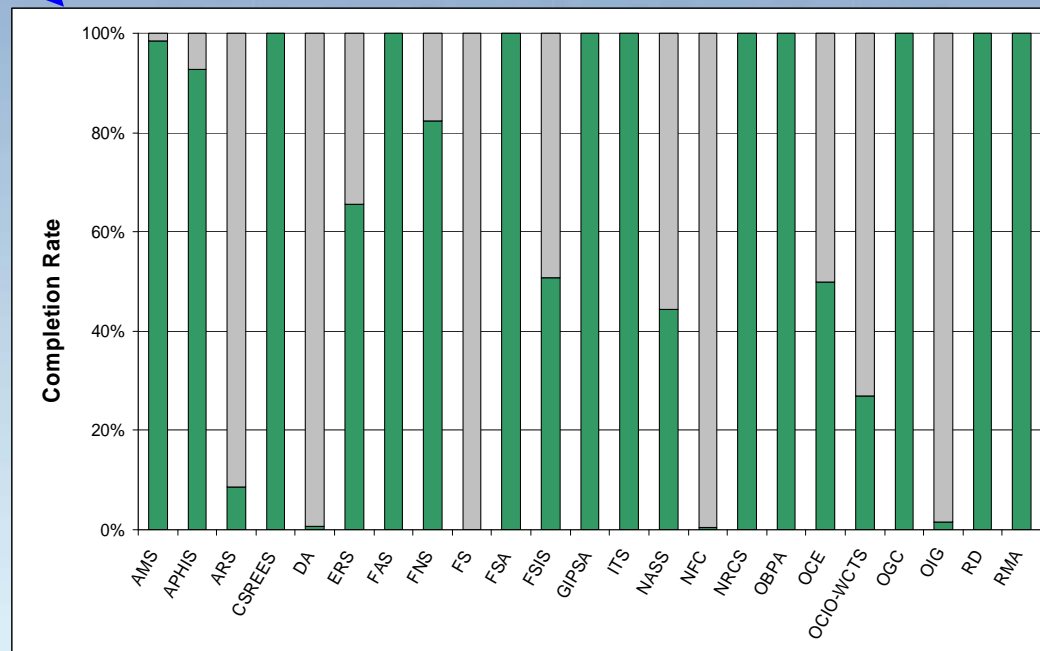
**National system is operational  
100 buildings will be connected by Jan 1**

**55,000 Laptops with Two-Factor Au  
Au on Desktops by Oct, 2009  
VPN Single Sign-On by Jan 1  
eAuth Single Sign-On by Feb 1**

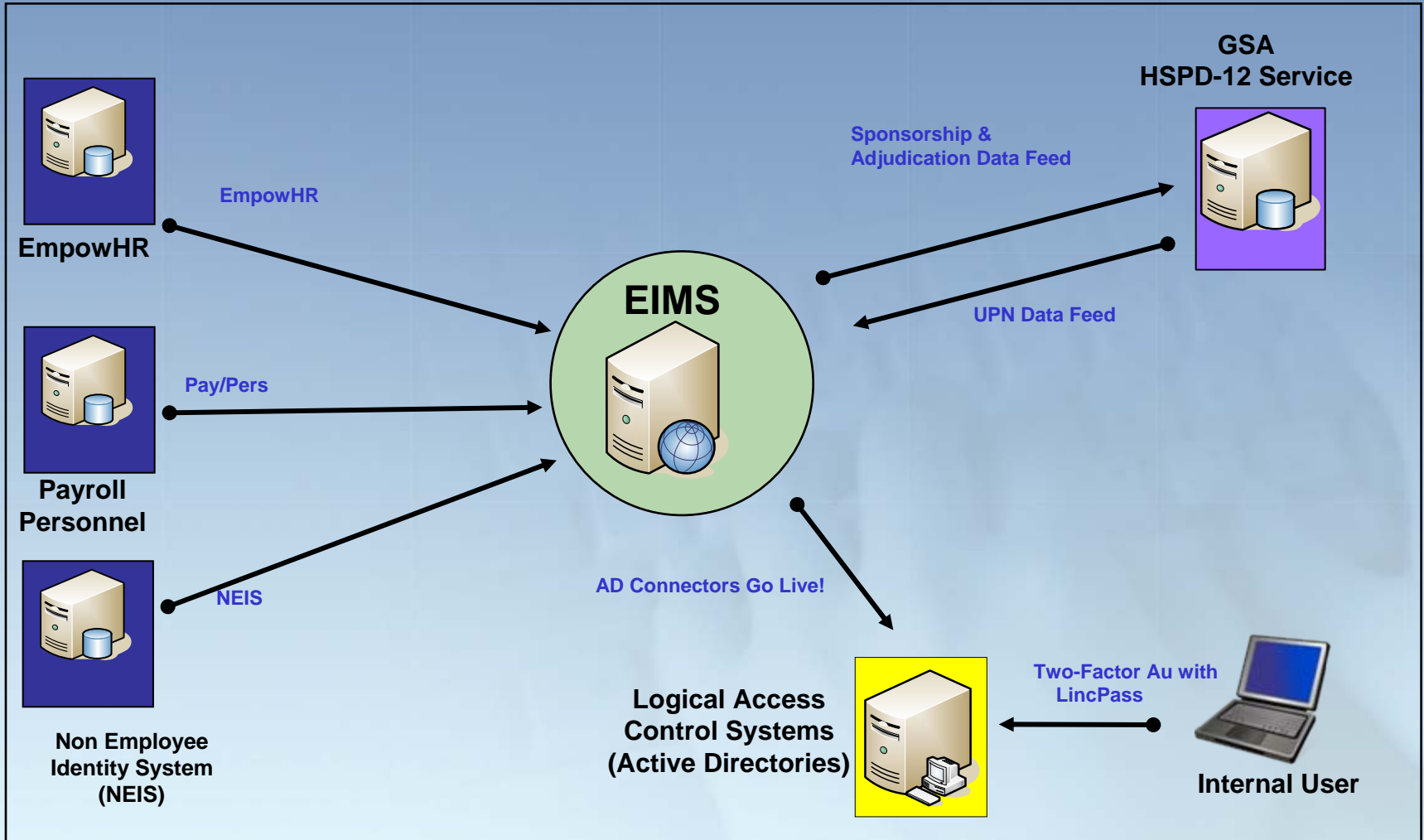
**Infrastructure Readiness**

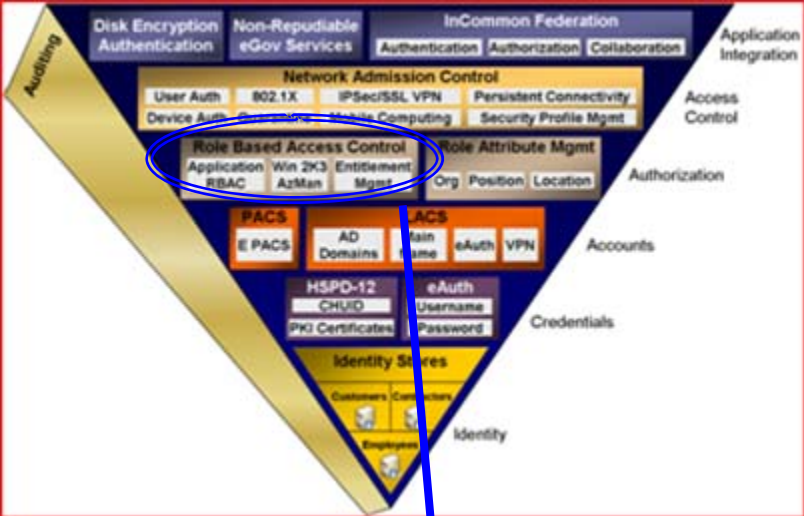
Agency	PKI Deployed	AD Deployed
AMS	✓	✓
APHIS	✓	✓
ARS	✓	✓
CSREES	✓	✓
DA	✓	✓
ERS	✓	✓
FAS	✓	✓
FNS	✓	✓
FS	✓	✓
FSIS	✓	✓
GIPSA	✓	✓
ITS	✓	✓
NASS	✓	✓
NFC	✓	✓
OBPA	✓	✓
OCE	✓	✓
OCIO-WCTS	✓	✓
OGC	✓	✓
OIG	✓	✓
RMA	✓	✓

**Laptop Readiness**



# Two-Factor Authentication: Overall Concept





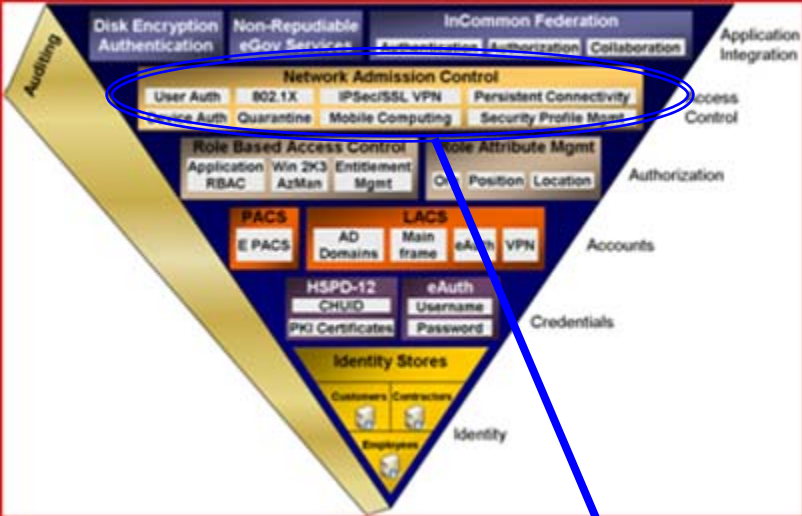
### Starting Enterprise Entitlement Project

Will Automatically Handle Vast Majority of Provisions and De-Provisions

Will Almost Completely Address “Orphan Authorizations”

Will Use Workflow for Requests, Triggers, Alerts, etc

**Looking for Other Agencies Interested in a Partnership**



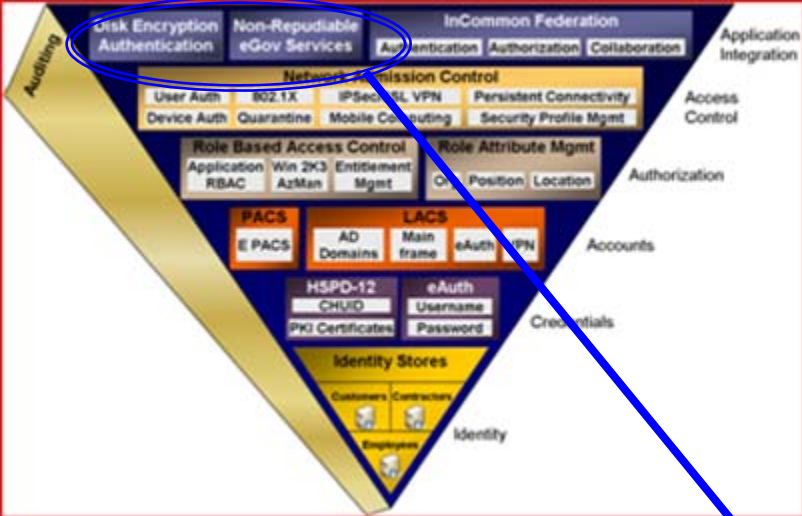
**Preparing to Start Project after January 1**

**Will Cover Access Inside & Outside of the Firewall**

**Will Cover Computers, Cell Phones, Memory Devices, Removal Devices, etc.**

**Will Cover Encryption, Quarantine, End Point Au & User Au**

**Will Leverage HSPD-12 Certificates Where Appropriate for Encryption**



**Plan on working with Interior, NASA, Others on Safeboot Whole Disk Encryption  
Plan to Start Digital Signature & Encryption Projects After January**