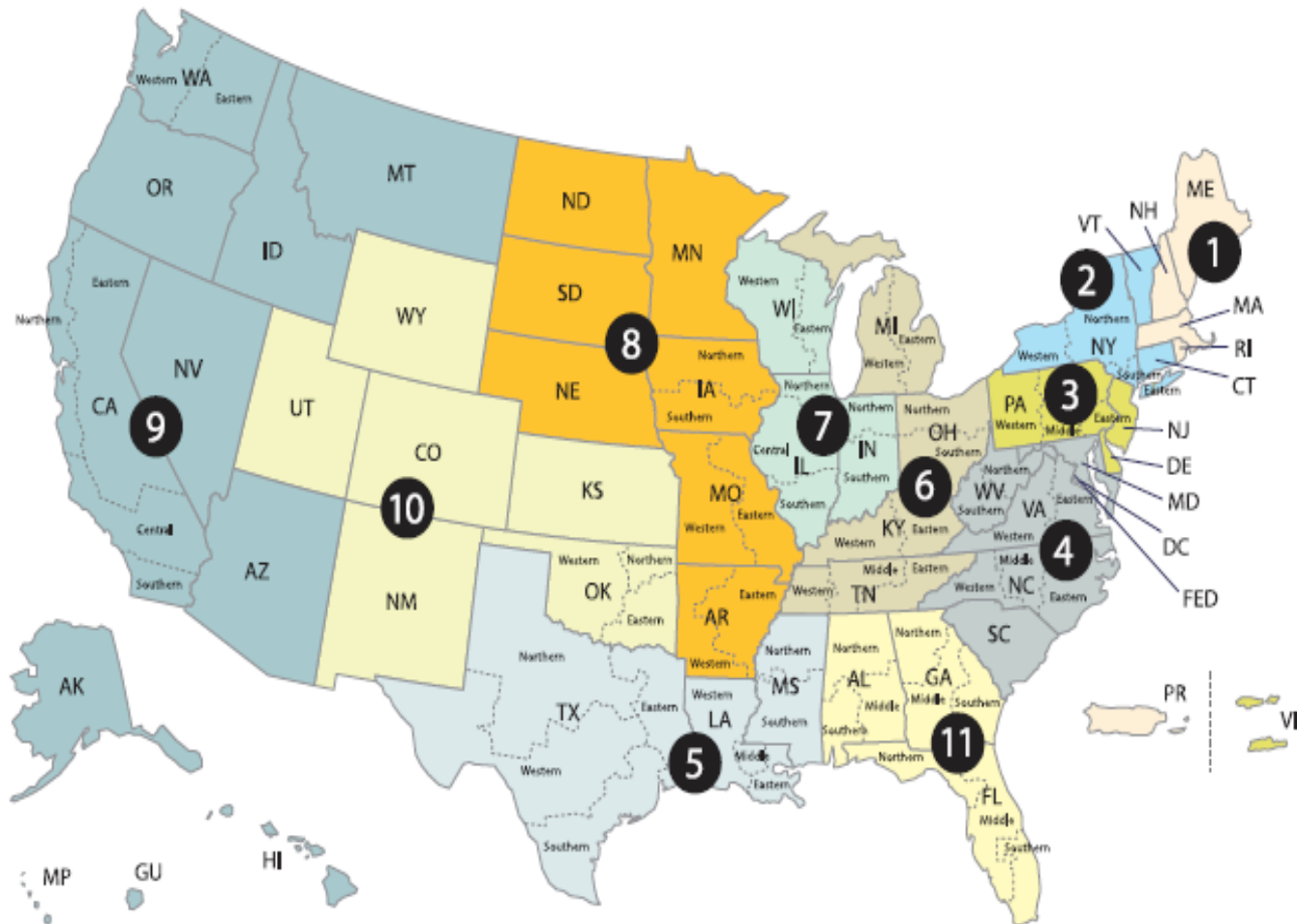


Today's Topics



1. JUDFAC Overview
2. Technology Solution
3. Challenges & Changes
4. Accomplishments

The U.S. Courts at a Glance



US Courts: 12 Circuits + 94 Districts + 472 Organizations + ~800 Facilities + ~35,000 People

PIV-I is a Good Fit for JUDFAC



Program Objective

1. State-of-the-art ID Card
2. Federal Interoperability, (even with Executive Branch)
3. Background check OPTIONAL (Judicial Independence)
4. One ID for everything



Design Choice

PIV or PIV-I

PIV or PIV-I

PIV-I

125 kHz to support legacy PACS

*The new ID Card is called “**FAC**” or **F**acility **A**ccess **C**ard. The system is “**JUDFAC**”*

Implemented & Deployed in 6 Phases



✓ Phase I: Functional Evaluation

- *Project Kick-Off Meeting*
- *Project Status Review Meetings*
- *Functional Design Review*
- *Functional Evaluation Completion*

✓ Phase II: System Implementation

- *Hosting Facility Walkthroughs*
- *Deployment Plan Review*
- *Operational Readiness Review*

✓ Phase III: Operational Pilot

- *Pilot Kick-Off Meeting*
- *System Security Review*
- *Enrollment Station Assembly Demo*
- *System Availability Testing*
- *Pilot Initiation*
- *Pilot Completion*
- *Pilot Results Review*

✓ Phase IV - Initial Circuit Deployment

- *Initial Circuit Kick-Off*
- *Help Desk Fully Operational*
- *Initial Circuit Deployment Completed*
- *Circuit Deployment Review*

In Progress

Phase V: Continued Circuit Deployments

- *AOUSC Deployment Kick-Off*
- *AOUSC Deployment Completed*
- *AOUSC Deployment Review*
- *Circuit Kick-Off Meeting*
- *Circuit Deployment Completed*
- *Circuit Deployment Review*

Ongoing

Phase VI: Post-Implementation

- *System Operations and Maintenance*

Solution



XTec Components

- PIV-I Service
- Hosting Facility
- Enrollment Stations
- Card Production Stations
- FACs, Test FACs, Temp Cards

U.S. Courts Components

- Judiciary Data Communications Network (DCN)



XTec's comprehensive solution is interconnected via the DCN.

PIV-I Service



- Provided by **XTEC**
 - Approved PIV-I Entity
 - Certified HSPD-12 SIN 132-62 Provider
 - Using FIPS 201 Approved Products



FIPS 201
Evaluation Program

Approved by FPKIPA, GSA and FIPS 201 Evaluation Program

JUDFAC Hosting Facility



Terremark Network Access Point (NAP) of the Americas, Miami, Florida



Physical Attributes

- 750,000 sq ft Data Center
- Tier IV Facility
- Doubly redundant power & cooling
- > 32 ft Above Sea Level
- Designed for Category 5 Hurricane
- 9,500 Tons Roof Concrete Ballast
- 7" Reinforced Concrete Exterior
- Outside FEMA 500 Year Flood Zone

Facility Security

- Manned 24x7x365
- Access via approved list, photo ID
- Tracked throughout building via RFID
- Only granted access to necessary areas
- PIV-I hosted on secure 3rd floor

World Class hosting facility provides the highest possible *availability, reliability and security*

Enrollment Station



Components

- Hard-Shell Portable Case
- Computing Device
- Keyboard
- Mouse
- Display
- Digital Camera
- Photographic Backdrop
- Fingerprint Device
- Smart Card Readers
- Interface & Power Cables
- Document Scanner
- Numeric Keypad
- Battery Backup, Protector



The Enrollment Station hardware is 100% commercial-off-the-shelf (COTS) components, using APL-listed components where appropriate.

Card Production Station



***Card
Production
Station*** =



+



+



The convenience of on-site printing has resulted in much greater demand for on-site Card Production Stations than originally envisioned.

FAC/PIV-I Cards



FAC Cardstock

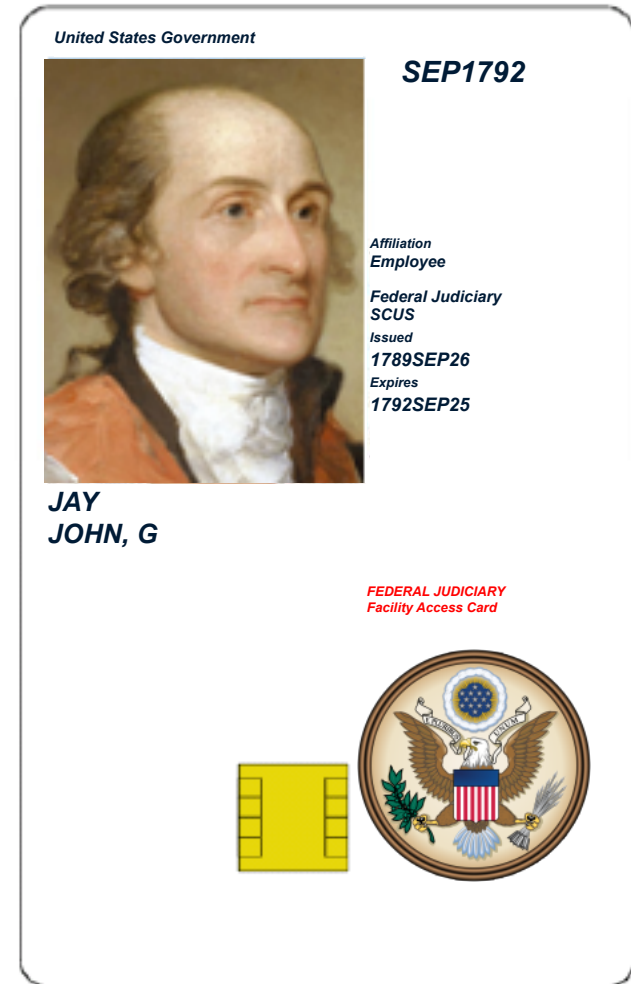
- 128K Smart Card
- 125 kHz Prox antenna

FAC Printing

- US Courts Final Topography
- US Courts Provided Great Seal
- Laminate with Security Feature

FAC Data Model

- Full PIV/PIV-I
- Storage for 4 Keys and Certificates



Challenges & Changes



- **On-site vs. Central Printing**
 - Initially specified central printing
 - Sites prefer convenience of on-site printing
- **JENIE Interface**
 - Allows provisioning HR data to JUDFAC IDMS
 - Provisions PIV-I data back to US Courts systems
- **Federal Agency Smart Credential Number (FASC-N)**
 - Wanted to use unique FASC-Ns for each card
 - Prohibited by PIV-I policy, using GUID/UUID instead
- **“PIV-ready” PACS**
 - PIV-ready PACS understand FASC-N just fine
 - Haven’t worked well with UUID so far
- **Backwards compatibility for 125 kHz PACS**
 - Lots of legacy 125 kHz technology in the field
 - Not easy to provide backwards compatibility for all

Accomplishments



Quantifiable

- 5,000+ FAC/PIV-I cards issued
- 500+ Employees trained as enrollers and issuers
- 28 125 kHz PACS configurations supported
- Districts Deployed: Connecticut to Hawaii

Qualitative

- Availability of a strong authentication token
 - PKI Trust for non-Executive Branch personnel
 - Support for both legacy and “PIV-I ready” PACS
 - Currently planning for LACS implementation

FAC is providing increased security throughout the US Courts enterprise, including interoperable Trust with the Executive Branch (US Marshalls)



Questions ?