National Capital Region

Electronic Designation and Validation of Federal/Emergency Response Officials (F/EROs) in support of National Preparedness

Presented to
Missouri Responder Credentialing Strategy Meeting
June 18, 2009

FEMA

Topics for Discussion

- **Policy:** Public Law 110-53 and supporting requirements
- **Process:** Credential issuance, attribute registration, validation
- **People:** Federal/Emergency Response Official (F/ERO) registrations
- **Products & services:** FIPS 201 infrastructures and tool sets
- **Practice:** NCRC validated demonstrations
- **Performance measures:** Proven capability
- **Timeline:** National roll-out plan
- **End state:** Streamlined investment strategy

Current Disaster/Emergency Access Process

Federal

State / Local / Tribal

Private (CI/KR)

Volunteers

Currently no uniform process exists for entry decisions

COOP/COG or Response/Recovery Locations

9/11 Commission and Post-Katrina Reports

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Public Law 110-53

"Implementing Recommendations of the 9/11 Commission Act of 2007"

I. **Date of enactment: August 3, 2007**

(1) Title IV SEC. 405. FEDERAL RESPONSE CAPABILITY INVENTORY
(2) Title IV SEC. 406. REPORTING REQUIREMENTS
(3) Title IV SEC. 407. FEDERAL PREPAREDNESS
(4) Title IV SEC. 408. CREDENTIALING AND TYPING
(5) Title IV SEC. 409. MODEL STANDARDS AND GUIDELINES FOR CRITICAL INFRASTRUCTURE WORKERS

II. **NLT August 2, 2008:** The FEMA Administrator is to develop standards for credentialing and typing of incident management personnel, emergency response providers, and other personnel (including temporary personnel) and shall:

(1) provide the standards developed, including detailed written guidance, to

a) Federal agencies that have responsibilities under the National Response Plan and other personnel (e.g. National Infrastructure Protection Plan critical infrastructure/key resources, National Continuity Policy Implementation Plan essential government personnel)
b) State, local, and tribal governments

(2) provide expertise and technical assistance to aid Federal, State, local, and tribal government agencies with implementing the standard
(3) consult with the Secretary of Health and Human Services in developing standards for credentialing health care professionals
(4) establish model standards and guidelines for credentialing critical infrastructure workers that may be used by a State

III. **NLT February 2, 2009:** Each Federal agency with F/ERO responsibilities are to be credentialed and typed in accordance with the standards

(1) F/ERO personnel are to be registered in the database system (F/ERO Repository) for real time exchange of information and rapid validation of credentialed personnel
(2) F/ERO repository will be populated by Federal agencies via HSPD 12 Issuance Infrastructure

Source: Public Law 110-53

http://intelligence.senate.gov/laws/pl11053.pdf

FEMA Administrator Statutory Requirements

HSPD-12 Requirement

- Applicable to employees of the Federal Executive Branch and associated employees contracted for more than 180 days
- "**Secure and reliable forms of identification**" for purposes of this directive means identification that:
  - is issued based on sound criteria for verifying an individual employee's identity;
  - is strongly resistant to identity fraud, tampering, counterfeiting, and terrorist exploitation;
  - can be **rapidly authenticated electronically**; and
  - is issued only by providers whose reliability has been established by an official accreditation process.
- The Standard will include **graduated criteria, from least secure to most secure**, to ensure flexibility in selecting the appropriate level of security for each application

Source: HSPD-12

http://www.dhs.gov/xabout/laws/gc_1217616624097.shtm#1

Mandated Very Highly Trusted Cyber-Secure Identities

Personal Identity Verification Interoperability (PIV I)

Non-Federal Issuers (NFI) Identity Authentication PKI Certificate

NFI PIV Interoperable Cards:

- must include an Identity Authentication PKI Certificate issued by a Certification Authority (CA)
- chains to the Federal Bridge Certification Authority (FBCA) at the Medium Hardware assurance level via cross-certification

This will enable Federal government relying parties to:

- verify the validity of the identity card via the Identity Authentication PKI Certificate
- verify the issuing organization (i.e., CA cross-certified with FBCA)
- be assured that the certificate (and by extension, the card) has not been revoked or invalidated since issuance

Identity Proofing

During identity proofing, the applicant is required to:

- appear in person and provide two forms of identity source documents in original form from the list of acceptable documents included in Form I-9
- At least one of the documents must be a valid State or Federal government-issued picture identification (ID)
- This identity proofing process is commensurate with OMB Memorandum M-04-04, E-Authentication Personal Identity Verification (PIV) Interoperability For Non-Federal Issuers

Source: Personal Identity Verification Interoperability (PIV I)

http://www.idmanagement.gov/documents/PIV_IO_NonFed_Issuers_May2009.pdf

Cyberspace Policy Review

- The Federal government, following the guidance of Homeland Security Presidential Directive 12 (HSPD-12), is seeking to leverage the federal interoperable identity credentialing mechanism across the federal enterprise.

- The Federal government should ensure resources are available for full federal implementation of HSPD-12.

- The Federal government also should consider extending the availability of federal identity management systems to operators of critical infrastructure and to private-sector emergency response and repair service providers for use during national emergencies.

Source: Cyberspace Policy Review

http://www.whitehouse.gov/assets/documents/Cyberspace_Policy_Review_final.pdf

Presidential Endorsement for Trusted Cyber-Secure Identities

FIPS 201 Interoperability

“HSPD - 12”

(EOP/OMB Oversight)

Logical Access ⟵ Routine Access and use applications ⟶ Physical Access

FIPS 201

FIPS 201

Disaster / Emergency Access and use applications

(DHS/FEMA Oversight)

“PL 110-53”

Leveraging Mandated Technology

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Roles & Responsibilities

1. **Attribute:** The qualification, certification, authorization, and/or privilege of an individual

2. **F/ERO:** Federal/Emergency Response Official is an HSPD 12 Federal employee or contractor who is responsible for the execution of the NRF, NIPP, NCPIP, and/or NIMS

3. **F/ERO Attribute:** The designated categories along with the qualifications, certifications, authorizations, and/or privileges of a F/ERO who is responsible for the execution of the NRF, NIPP, NCPIP, and/or NIMS

4. **F/ERO Attribute Source Authority:** The authoritative source document for F/ERO attribute designations

5. **F/ERO Attribute Administrator**: The person(s) authorized to sponsor or revoke F/ERO attributes

6. **F/ERO Attribute Registrar:** The person designated to electronically assign or revoke F/ERO attributes within the F/ERO Attribute Repository as authorized by the F/ERO Attribute Administrator

7. **F/ERO Attribute Recipient:** The F/ERO who has been authorized by the F/ERO Attribute Administrator to be registered for the designated F/ERO attribute

8. **F/ERO Attribute Validation Authority:** The relying official who is authorized to electronically validate the designated F/ERO attributes of the bearer for access permissions

Establishing Baseline Terminology

Agency Requirements

F/ERO Repository Registration & Revocation Process

1. **Agencies are to designate NRF, NIPP, and NCPIP Attribute Administrators**

2. **Attribute Administrators are to actively sponsor or revoke F/ERO registrations in the F/ERO Repository**

3. **Repository registrations or revocations are achieved in one of two ways:**

   a) **Manual solution - Agency PIV post-issuance process (e.g., DoD, FEMA)**

   b) **Automated solution – Agency PIV initial-issuance process (e.g., FAA, GSA)**

Establishing the Agency F/ERO Audit Trail

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Requirements for F/ERO Designator When Issuing a Personal Identification Verification (PIV) Credential

Federal / Emergency Response Official:

[X] YES [ ] NO

When checking the "yes" box during PIV issuance, the sponsoring Agency must determine and keep current what NRF, NIPP, or Continuity of Government category is being sponsored as depicted in the drop down boxes shown on the right or on the next slide.

	ESF 1	Transportation
	ESF 2	Communications
	ESF 3	Public Works and Engineering
	ESF 4	Firefighting
	ESF 5	Emergency Management
	ESF 6	Mass Care, Emergency Assistance, Housing and Human Services
	ESF 7	Logistics Management and Resource Support
	ESF 8	Public Health and Medical Services
	ESF 9	Search and Rescue
	ESF 10	Oil and Hazardous Materials Response
	ESF 11	Agriculture and Natural Resources
	ESF 12	Energy
	ESF 13	Public Safety and Security
	ESF 14	Long-Term Community Recovery
	ESF 15	External Affairs

	Sector 1	Agriculture and Food
	Sector 2	Banking and Finance
	Sector 3	Chemical
	Sector 4	Commercial Facilities
	Sector 5	Dams
	Sector 6	Defense Industrial Base
	Sector 7	Emergency Services
	Sector 8	Energy
	Sector 9	Government Facilities
	Sector 10	Information Technology
	Sector 11	National Monuments and Icons
	Sector 12	Nuclear Reactors, Materials and Waste
	Sector 13	Postal and Shipping
	Sector 14	Public Health and Healthcare
	Sector 15	Communications
	Sector 16	Transportation Systems
	Sector 17	Water
	Sector 18	Critical Manufacturing

F/ERO Designation (COOP/COG)

☒ **National Continuity Policy Implementation Plan (NCPIP) Essential Government Function**

☒ **Emergency Support Function (ESF) 5 - Emergency Management**

☐	**Continuity Of Government (COG)**
☐	**Continuity Of Operations (COOP)**
☐	**Operation Rendezvous (OPRON)** (NCR only)

- ☐ **OPRON Asset**
- ☐ **OPRON Tier – 1 (Non-DoD)**
- ☐ **OPRON Tier – 2 (Non-DoD)**
- ☐ **OPRON Tier – 3 (Non-DoD)**
- ☐ **OPRON Tier – 4 (Non-DoD)**
- ☐ **OPRON Tier – 5 (Non-DoD)**

Notes:
Check all that apply
If checking OPRON, please check one box under Tiers 1-5

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F/ERO Repository Architecture

DoD / FEMA Validated Model

Credential Issuance Process

HSPD-12 Identity Management Systems (IDMS) w/ Personally Identifiable Information (PII)

https secure internet connection
IDMS / BAE Interface

Public ID Registration Process

21 Federal HSPD-12 Infrastructures:

1. GSA
2. SSA
3. SBA
4. DHS
5. Dept of Labor
6. Dept of Education
7. EOP
8. EPA
9. National Credit Union Administration
10. Veterans Affairs
11. NASA
12. DoD
13. DOT / FAA
14. Federal Housing Financial Board
15. Federal Trade Commission
16. HHS
17. HUD
18. USAID
19. Dept. of State
20. Peace Corps
21. National Science Foundation

***Backend Attribute Exchange (BAE):**
The end-state identity credential issuance and attribute registration interface to F/ERO Repository

F/ERO Registration Process

Shared F/ERO Repository w/ no PII (contains public identities with numeric F/ERO attributes)

Consolidated Public ID Registration List

HSPD-12 PIV or FIPS 201-interoperable Credential Required

Post-issuance
"Interim Manual Registration" Process

Access Validation Process

Jurisdiction-owned Management Stations and Validation Devices (validates and captures public transaction data)

https secure internet connection auto feed

Handheld Devices

Police Cruisers

Management Station https secure internet connection auto feed

Guard Station

Leveraging Over $2.3B in FIPS 201 Investments

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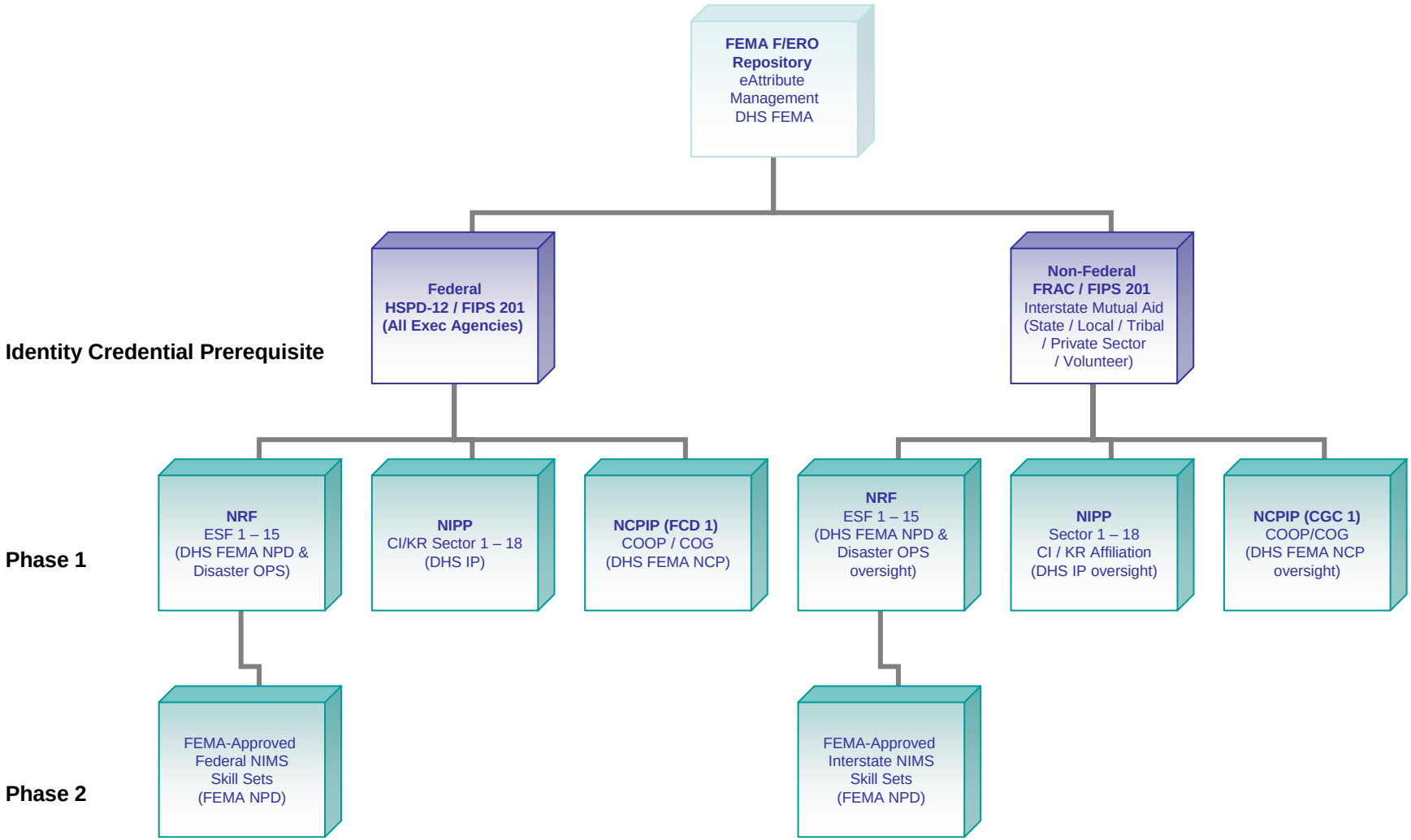
F/ERO eAttribute Configuration Management



Federal and Interstate Cyber - Attributes

NRF F/ERO Repository Status (sample report)

Federal National Response Framework (NRF) Emergency Support Function (ESF) Consolidated Attribute Repository		Transportation	Communications	Public Works and Engineering	Firefighting	Emergency Management	Mass Care, Emergency Assistance, Housing, and Human Services	Logistics Management and Resource Support	Public Health and Medical Services	Search and Rescue	Oil and Hazardous Materials Response	Agriculture and Natural Resources	Energy	Public Safety and Security	Long Term Community Recovery	External Affairs	
	(ESF) 1-15	ESF #1	ESF #2	ESF #3	ESF #4	ESF #5	ESF #6	ESF #7	ESF #8	ESF #9	ESF #10	ESF #11	ESF #12	ESF #13	ESF #14	ESF #15	Totals ESF
1	Department of Homeland Security (DHS)																0
2	Department of Defense (DoD)																0
3	Department of Interior (DOI)																0
4	United States Department of Agriculture (USDA)																0
5	Department of Commerce (DOC)																0
6	Department of Energy (DOE)																0
7	Department of Labor (DOL)																0
8	Department of Transportation (DOT)																0
9	Department of Health and Human Services (HHS)																0
10	Environmental Protection Agency (EPA)																0
11	General Services Administration (GSA)																0
12	Department of State (DOS)																0
13	Department of Justice (DOJ)																0
14	Department of Veteran Affairs (VA)																0
15	United States Postal Service (USPS)																0
16	American Red Cross (ARC)																0
17	Department of Treasury (TREAS)																0
18	National Aeronautics and Space Administration (NASA)																0
19	Nuclear Regulatory Commission (NRC)																0
20	Department of Housing and Urban Development (HUD)																0
21	Small Business Administration (SBA)																0
22	Tennessee Valley Authority (TVA)																0
23	Corporation for National and Community Service (CNCS)																0
24	Federal Communication Commission (FCC)																0
25	United States Agency for International Development (USAID)																0
26	Office of Personnel Management (OPM)																0
27	Social Security Administration (SSA)																0
28	National Voluntary Organizations Active in Disaster (NVOAD)																0
29	Education Department (ED)																0
30	Advisory Council on Historic Preservation (ACHP)																0
31	Delta Regional Authority (DRA)																0
32	Heritage Emergency National Task Force (HENTF)																0
33	National Archives and Records Administration (NARA)																0
34	Inspector General (IG)																0
	Totals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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NIPP F/ERO Repository Status (sample report)

Federal National Infrastructure Protection Plan (NIPP) Consolidated Sector Attribute F/ERO Repository Enrollment Status	Agriculture and Food	Banking and Finance	Chemical	Commercial Facilities	Dams	Defense Industrial Base	Emergency Services	Energy	Government Facilities	Information Technology	National Monuments and Icons	Nuclear Reactors, Materials, and Waste	Postal and Shipping	Public Health and Healthcare	Communications	Transportation Systems	Water	Critical Manufacturing	
(NIPP) Sectors 1-18	Sector #1	Sector #2	Sector #3	Sector #4	Sector #5	Sector #6	Sector #7	Sector #8	Sector #9	Sector #10	Sector #11	Sector #12	Sector #13	Sector #14	Sector #15	Sector #16	Sector #17	Sector #18	Total
1 Department of Agriculture (USDA)																			0
2 Department of Defense (DoD)																			0
3 Department of Energy (DOE)																			0
4 Department of Health and Human Services (HHS)																			0
5 Department of Homeland Security (DHS) / Office of Cyber Security and Telecommunications (CS & C)																			0
6 DHS / Federal Protective Service																			0
7 DHS / Office of Infrastructure Protection (IP)																			
8 DHS / Immigration and Customs Enforcement (ICE)																			0
9 DHS / Transportation Security Administration (TSA)																			0
10 DHS / United States Coast Guard (USCG)																			0
11 Department of Interior (DOI)																			0
12 Department of Transportation (DOT)																			0
13 Department of Treasury (TREAS)																			0
14 Environmental Protection Agency (EPA)																			0
15 Nuclear Regulatory Commission (NRC)																			0
16 Office of Management and Budget (OMB)																			0
Totals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

NCPIP F/ERO Repository Status (sample report)

	Federal National Continuity Policy Implementation Plan (NCPIP) Consilidated F/ERO Repository Enrollment Status	NCPIP ESF 5	COG	COOP	OPRON Asset	OPRON Tier 1	OPRON Tier 2	OPRON Tier 3	OPRON Tier 4	OPRON Tier 5	Totals
1	Department of Homeland Security (DHS)										0
2	Department of Defense (DoD)										0
3	Department of Interior (DOI)										0
4	United States Department of Agriculture (USDA)										0
5	Department of Commerce (DOC)										0
6	Department of Energy (DOE)										0
7	Department of Labor (DOL)										0
8	Department of Transportation (DOT)										0
9	Department of Health and Human Services (HHS)										0
10	Environmental Protection Agency (EPA)										0
11	General Services Administration (GSA)										0
12	Department of State (DOS)										0
13	Department of Justice (DOJ)										0
14	Department of Veteran Affairs (VA)										0
15	United States Postal Service (USPS)										0
16	Department of Treasury (TREAS)										0
17	National Aeronautics and Space Administration (NASA)										0
18	Nuclear Regulatory Commission (NRC)										0
19	Department of Housing and Urban Development (HUD)										0
20	Small Business Administration (SBA)										0
21	Tennessee Valley Authority (TVA)										0
22	Corporation for National and Community Service (CNCS)										0
23	Federal Communication Commission (FCC)										0
24	United States Agency for International Development (USAID)										0
25	Office of Personnel Management (OPM)										0
26	Social Security Administration (SSA)										0
27	Education Department (ED)										0
28	National Archives and Records Administration (NARA)										0
29	National Economic Council										0
30	National Security Council (NSC)										0
31	Office of Administration										0
32	Office of Faith-Based and Community Initiatives										0
33	Office of Global Communications										0
34	Office of Management and Budget (OMB)										0
	Totals	0	0	0	0	0	0	0	0	0	0

How Should It Work?

Federal

State and Local

Private

Volunteers

Standard enables process to include:

- State to State
- State to Local
- Local to Local
- Private to Government
- Private to Private (e.g., utility companies)
- Mission Assignment

Paper-based, visual or FIPS 201 electronic verification to include:

1. ID (2 forms if visual)
2. Attribute or Affiliation
3. Deployment Source Authority

JRSOI

COOP/COG or Response/Recovery Locations

JRSOI = Joint Receiving Staging Operations Integration

Provides a real-time roster

Access Data:
- accountability
- traceability
- liability

Sample Data Sheet

EOC

Geospatial
Human
Situational
Awareness
Display

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Achieving NIMS Credentialing Guideline Interoperability

Chronological Electronic Validation (sample data)

Timestamp	Cardholder Name	Card Issuer	Summary	Privilege
3/6/2008 9:15	CAROLYN MCINERNEY	FRAC-Demo-CA	Success: Card Validation	Sector 2: Banking and Finance
3/6/2008 9:17	CAROLYN K ELLISON	ChoiceID Public SSP CA	Success: Card Validation	ESF-7 Resource Support
3/6/2008 9:26	Glenn Blanchette	HHS-SSP-CA-B7	Success: Card Validation	
3/6/2008 9:36	Leonard M. Kenon 102059	Veterans Affairs User CA B1	Success: Card Validation	
3/6/2008 9:39	Jonathan Edward Geary	GOVT-SSP-CA-B6	Failure: PIN Verification	ESF-13 Public Safety and Security; Federal Agent; ESF-5 Emergency Management; ERG; OPRON Tier 2
3/6/2008 9:39	BIAS, CYNTHIA LYNN	WV	Success: Driver's license scan	
3/6/2008 9:39	Mark Martin	FRAC-Demo-CA	Success: Card Validation	ESF-13 Public Safety and Security
3/6/2008 9:39	Sara Jones	FRAC-Demo-CA	Success: Card Validation	
3/6/2008 9:39	Jonathan Edward Geary	GOVT-SSP-CA-B6	Success: Card Validation	ESF-13 Public Safety and Security; Federal Agent; ESF-5 Emergency Management; ERG; OPRON Tier 2
3/6/2008 9:39	April Wood	FRAC-Demo-CA	Success: Card Validation	
3/6/2008 9:39	Thomas Ferrantino	FRAC-Demo-CA	Success: Card Validation	ESF-5 Emergency Management
3/6/2008 9:41	Carmen Suarez	FRAC-Demo-CA	Success: Card Validation	Sector 11: National Monuments & Icons
3/6/2008 9:46	BRAMBLETTE,PAMELA,SUE	FL	Success: Driver's license scan	
3/6/2008 9:53	JESSE REYNOLDS	FRAC-Demo-CA	Success: Card Validation	ESF-9 Urban Search and Rescue; ESF-5 Emergency Management; Sector 7: Emergency Services; Sector 11: National Monuments & Icons; Sector 16: Transportation
3/6/2008 9:55	Jennifer Hannah	HHS-SSP-CA-B7	Success: Card Validation	
3/6/2008 9:55	Cheri Roe	FRAC-Demo-CA	Success: Card Validation	ESF-5 Emergency Management
3/6/2008 9:55	Donna Houle	FRAC-Demo-CA	Success: Card Validation	Sector 11: National Monuments & Icons
3/6/2008 9:56	HERBERT JOSEPH MCALLISTER	Exostar FIS Certificate Authority	Success: Card Validation	ESF-1 Transportation; ESF-13 Public Safety and Security; COOP/COG
3/6/2008 9:57	Geoffrey Miller	FRAC-Demo-CA	Success: Card Validation	ESF-8 Public Health and Medical Services; Sector 7: Emergency Services; Sector 14: Public Health & Healthcare
3/6/2008 9:57	Craig Wilson	FRAC-Demo-CA	Success: Card Validation	ESF-5 Emergency Management
3/6/2008 9:57	Mark Martin	FRAC-Demo-CA	Success: Card Validation	ESF-13 Public Safety and Security
3/6/2008 10:00	Dennis Haas	FRAC-Demo-CA	Success: Card Validation	COOP/COG; Sector 7: Emergency Services
3/6/2008 10:00	Brandon Graham	FRAC-Demo-CA	Success: Card Validation	ESF-10 Oil and HazMat Response; ESF-13 Public Safety and Security; ESF-4 Firefighting; COOP/COG; ESF-8 Public Health and Medical Services; Sector 14: Public Health & Healthcare; Sector 7: Emergency Services
3/6/2008 10:01	Russel Weiser	FRAC-Demo-CA	Success: Card Validation	ESF-2 Communications; Sector 15: Telecommunications
3/6/2008 10:02	Scott DOUGLAS Meyer	TWIC CA 1	Success: Card Validation	ESF-5 Emergency Management; ESF-1 Transportation
3/6/2008 10:05	THOMAS GRECO	FRAC-Demo-CA	Success: Card Validation	
3/6/2008 10:05	WALTER DUANE STAFFORD (Affiliate)	Exostar FIS Certificate Authority	Success: Card Validation	ESF-1 Transportation

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Access Control Transaction Data

On-Scene Human Resources (sample data)

Cardholder Name	Privilege
Scott DOUGLAS Meyer	ESF-1 Transportation
WALTER DUANE STAFFORD (Affiliate)	ESF-1 Transportation
HERBERT JOSEPH MCALLISTER	ESF-1 Transportation
Russel Weiser	ESF-2 Communications
Brandon Graham	ESF-4 Firefighting
Thomas Ferrantino	ESF-5 Emergency Management
Jonathan Edward Geary	ESF-5 Emergency Managemen
Scott DOUGLAS Meyer	ESF-5 Emergency Management
JESSE REYNOLDS	ESF-5 Emergency Management
Cheri Roe	ESF-5 Emergency Management
Craig Wilson	ESF-5 Emergency Management
Brandon Graham	COOP/COG
Dennis Haas	COOP/COG
HERBERT JOSEPH MCALLISTER	COOP/COG
CAROLYN K ELLISON	ESF-7 Resource Support
Brandon Graham	ESF-8 Public Health and Medical Services
Geoffrey Miller	ESF-8 Public Health and Medical Services
JESSE REYNOLDS	ESF-9 Urban Search and Rescue
Brandon Graham	ESF-10 Oil and HazMat Response
Jonathan Edward Geary	ESF-13 Public Safety and Security
Brandon Graham	ESF-13 Public Safety and Security
Mark Martin	ESF-13 Public Safety and Security
HERBERT JOSEPH MCALLISTER	ESF-13 Public Safety and Security
CAROLYN MCINERNEY	Sector 2: Banking and Finance
Brandon Graham	Sector 7: Emergency Services
Dennis Haas	Sector 7: Emergency Services
Geoffrey Miller	Sector 7: Emergency Services
JESSE REYNOLDS	Sector 7: Emergency Services
Donna Houle	Sector 11: National Monuments & Icons
JESSE REYNOLDS	Sector 11: National Monuments & Icons
Carmen Suarez	Sector 11: National Monuments & Icons
Brandon Graham	Sector 14: Public Health & Healthcare
Geoffrey Miller	Sector 14: Public Health & Healthcare
Russel Weiser	Sector 15: Telecommunications
JESSE REYNOLDS	Sector 16: Transportation

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Human Resource Situational Awareness

NCRC Coordinated Demonstrations

- Since 2006, FEMA NCRC coordinated over nineteen FIPS 201 demonstrations with Federal, State, Local, and CI/KR stakeholders
- Spring Ahead, conducted in May 2009, the most recent FIPS 201 demonstration which included proof-of-implementation for IL, CO, and San Antonio
- Spring Ahead also validated FIPS 201 modernization of jurisdiction owned equipment

Implementing FIPS 201 Capability as Common Practice

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F/ERO Repository Population Timeline

1. By NLT the end of Q3 FY09, certify the FEMA Federal Emergency Response Official (F/ERO) Repository for Authority to Operate (ATO)

2. By NLT the end of Q4 FY 09, at least one infrastructure is to be connected machine-to-machine into the FEMA F/ERO Repository with at least one successful F/ERO electronic registration from each infrastructure

3. By NLT the end of Q4 FY 10, all 21 infrastructures are to be connected machine-to-machine into the FEMA F/ERO Repository with at least one successful F/ERO electronic registration from each infrastructure.

4. By NLT the end of Q1 FY10, all National Capital Region (NCR) pre-credentialed NCPIP (COOP/ COG) F/EROs are to be registered in the FEMA F/ERO Repository

5. By NLT the end of Q4, FY 10, all F/EROs nation-wide are to be registered in the FEMA F/ERO Repository

Meeting Statutory Requirements

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End State: Federal & Mutual Aid Preparedness

Incident Management:

To get the right people with the right attributes to the right places at the right times thus reducing response/recovery times and promoting restoration to pre-incident quality of life conditions

Intended benefit:

Emergency response officials will possess FIPS 201 identity credentials that align with Federal standards and enable e-Authentication of identity and disaster response/recovery attribute information for determining access privileges

Additional benefit:

FIPS 201 identity credentials issued by respective sponsoring agencies in a distributed environment can be integrated into standards-based physical and logical access systems thus eliminating proprietary solutions that can be costly to maintain/sustain or time

Federal and Non-Federal Standardization

Questions?

(1) Federal Executive Branch:

FEMA-FEROSupport@dhs.gov

(2) All other inquiries:

FEMA-FRACSupport@dhs.gov

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