



National Capital Region

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

Presented to

TechAmerica
February 25, 2009



FEMA



Topics for Discussion

- **Policy:** HR 1 and HSPD-12 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



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Current Disaster/Emergency Access Process



9/11 Commission and Post-Katrina Reports



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H.R. 1 Requirements

Title IV of H.R. 1, the “Implementing Recommendations of the 9/11 Commission Act of 2007,” directs the Administrator of FEMA to:

1. (NLT 02 AUG 08) Develop standards for credentialing and typing Federal/Emergency Response Officials (F/ERO)

Status:

- FEMA Policy memo to OMB dated **June 9, 2008**, defined the F/ERO standard to be HSPD-12 eligible NRF, NIPP, NCPIP (FCD 1) population
- NIMS Credentialing Guidelines posted on the Federal Registry on 24 December, 2008, formalized policy memo for F/EROs

2. (NLT 02 FEB 09) Establish a Federal Preparedness database system for real-time accountability and awareness

Status:

- FEMA has a 100K-seat pilot repository for non-DoD F/EROs within the National Capital Region (NCR)
- DoD has a 90K-seat pilot repository for DoD F/EROs within the NCR
- FEMA will provide agencies with manpower support to capture initial F/ERO enrollments
- F/ERO repository will be populated / managed by individual agencies

Background / Status



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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

Leveraging Mandated Credentials with Encrypted Public Identities



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FIPS 201 Interoperability



Logical Access



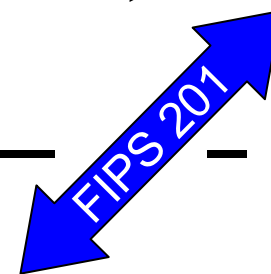
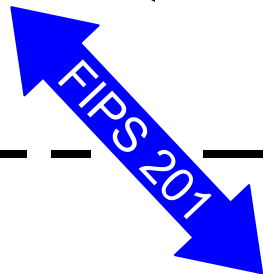
“HSPD - 12”

(EOP/OMB Oversight)

Routine Access
and use applications



Physical Access



Disaster / Emergency
Access and use
applications

(DHS/FEMA Oversight)

“H.R. 1”



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 enrolled 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



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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



	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

Federal / Emergency Response Official:

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.



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F/ERO Designation (COOP/COG)

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

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

<input type="checkbox"/>	Continuity Of Government (COG)
<input type="checkbox"/>	Continuity Of Operations (COOP)
<input type="checkbox"/>	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



OPRON Tiers 1 – 5 (non-DoD NCR only)

- **Tier 1**
 - National Continuity Team (NCT)
 - National Intelligence Liaison Emergency Staff (NILES)
 - DHS Operations Coordination / (NOC, IMPT)
 - Legislative, Judicial and Defense Emergency Staffs
- **Tiers 2 and 3**
 - Component/Agency Heads and Deputies
 - Chiefs of Staff, Special Assistants
- **Tier 4 and 5**
 - Cleared COOP Personnel from 30+ Departments and Agencies
 - Un-cleared COOP Personnel from 30+ Departments and Agencies



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 | 12. DoD |
| 2. SSA | 13. FAA |
| 3. SBA | 14. Federal Housing Financial Board |
| 4. DHS | 15. Federal Trade Commission |
| 5. Dept of Labor | 16. HHS |
| 6. Dept of Education | 17. HUD |
| 7. EOP | 18. International Broadcasting Bureau |
| 8. EPA | 19. DOS |
| 9. National Credit Union Administration | 20. Nuclear Regulatory Commission |
| 10. Veterans Affairs | 21. National Science Foundation |
| 11. NASA | |

*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)



HSPD-12 PIV or FIPS 201-interoperable Credential Required



Post-issuance "Interim Manual Registration" Process

Consolidated Public ID Registration List



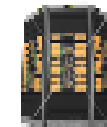
https secure internet connection auto feed

Access Validation Process

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



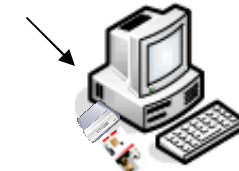
Handheld Devices



Management Station https secure internet connection auto feed



Police Cruisers



Guard Station

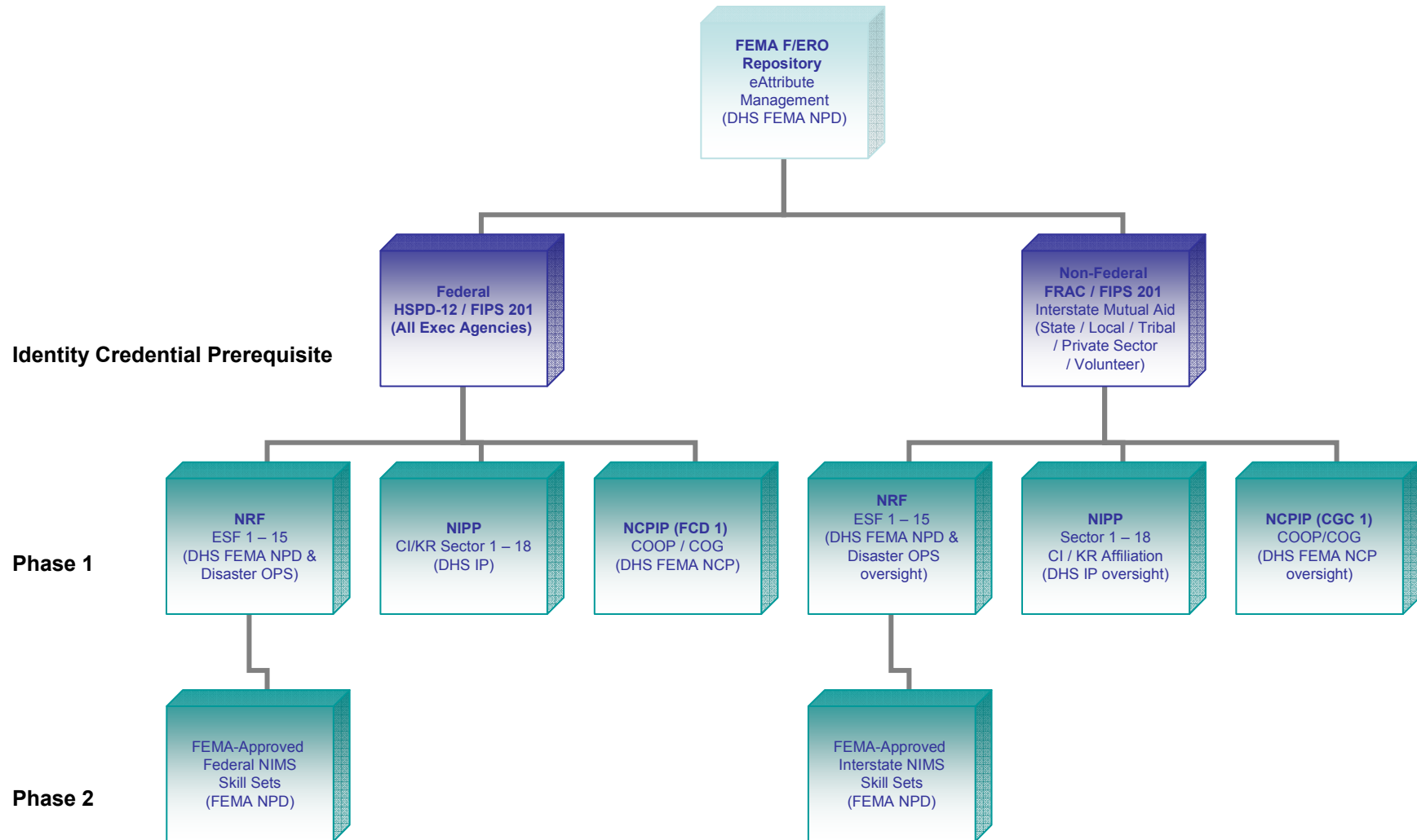
Leveraging Over \$2.3B in FIPS 201 Investments



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Repository eAttribute Configuration Management



Executive / Oversight Agents



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NRF F/ERO Repository Status (sample report)

Federal National Response Framework (NRF) Emergency Support Function (ESF) Consolidated Attribute Repository																
(ESF) 1-15	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	Totals ESF
	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	
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																				
	<i>Agriculture and Food</i>	<i>Banking and Finance</i>	<i>Chemical</i>	<i>Commercial Facilities</i>	<i>Dams</i>	<i>Defense Industrial Base</i>	<i>Emergency Services</i>	<i>Energy</i>	<i>Government Facilities</i>	<i>Information Technology</i>	<i>National Monuments and Icons</i>	<i>Nuclear Reactors, Materials, and Waste</i>	<i>Postal and Shipping</i>	<i>Public Health and Healthcare</i>	<i>Communications</i>	<i>Transportation Systems</i>	<i>Water</i>	<i>Critical Manufacturing</i>		
(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)																				0
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	0

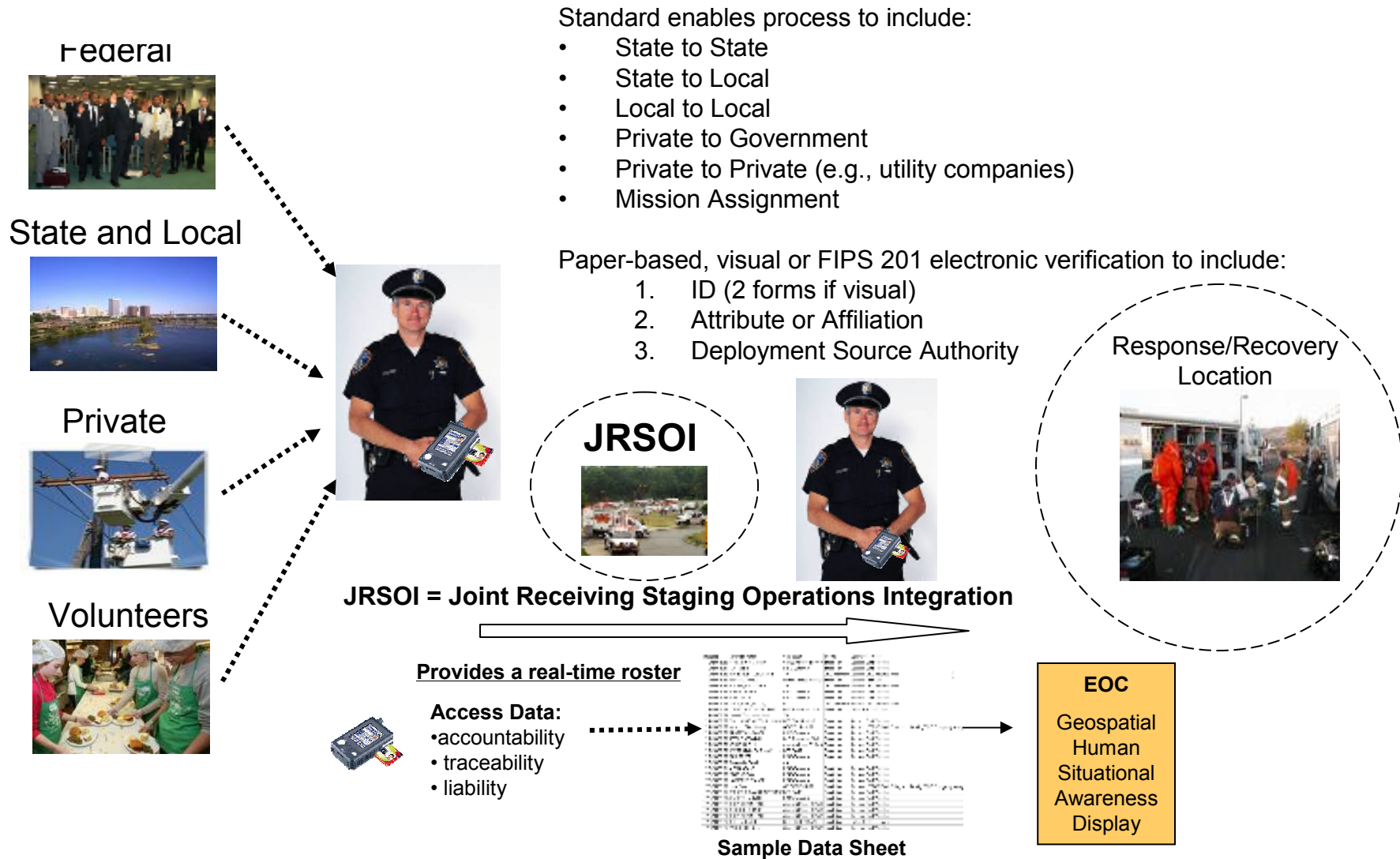


NCPIP F/ERO Repository Status (sample report)

Federal National Continuity Policy Implementation Plan (NCPIP) Consolidated 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?



Achieving NIMS Credentialing Guideline Interoperability

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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	BRAMLETTE,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



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 Management
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



Human Resource Situational Awareness

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NCRC Coordinated Demonstrations

Date	Name	Participants	Host	Targeted Population	Validation
1 2/23/06	Winter Fox	Federal, State & Local	DoD Pentagon Force Protection Agency (PFPA)	NRF ESF-13 (Public Safety and Security)	Multi - Jurisdictional Interoperability
2 5/18/06	Eligible Bridge	Public & Private Sectors	The George Washington University	NRF ESF-5 (Emergency Management)	Public/Private Interoperability
3 6/8/06	AT&T	Private Sector ID eAuthentication	AT&T	NRF ESF-2 (Communications)	eAuthentication
4 6/21/06	Forward Challenge	DHS ID eAuthentication	DHS	NCPIP ESF- 5 (Essential Government)	COOP/COG Manifest Tracking and Relcation Visibility
5 7/20/06	Maritime Interoperabi	Public & Private Ports	US DOT	NRF ESF-1 (Transportation)	Multi-Port Access Visibility / Tracking
6 12/5/06	Capitol Shield	DoD	DC National Guard	NRF ESF-5 (Emergency Management)	HSPD-12 Required Access into DoD-controlled Facility
7 2/15/07	Winter Storm	Federal, State, Local, Private Sector	DoD / DHS	NRF ESF-13 (Public Safety and Security)	Multi-jurisdictional FRAC issuance Trust Model
8 7/19/07	Summer Breeze	Federal, State, Local & Private Sector	DoD / DHS	NRF ESF-13 (Public Safety and Security)	Multi-jurisdictional FRAC usage Trust Model
9 3/6/08	Winter Blast	Federal, State, Local & Private Sector	HHS / FEMA	NRF ESF-8 Public Health	Multi-jurisdictional interoperability with FIPS 201 interoperable credentials
10 5/7/08	NLE 2-08	Federal	All Federal Executive Branch	NCPIP ESF- 5 (Essential Government)	Electronic in-processing and reporting of FEMA essential government personnel
11 5/15/08	Spring Blitz	Federal, State, Local & Private Sector	FEMA / Tampa Bay, Florida	NRF ESF-13 (Public Safety and Security)	Multi-jurisdictional FIPS 201 and Florida driver's license interoperability
12 7/24/08	Summer Sizzle	Federal, State, Local & Private Sector (CI / KR)	HHS / FEMA / PA / VA / GWU	NRF ESF-8 Public Health	FIPS 201 multi-jurisdictional interoperability to include NRF / NIPP / NCPIP electronic attributes
13 9/16/08	Volant Freight	Federal, State, Local	FEMA, the Commonwealth of Virginia (VA), and OPRON	NCPIP ESF- 5 (Essential Government)	Electronically validated FIPS 201 interoperable credentials issued by the Commonwealth of Virginia
14 10/23/08	Autumn Rush	Federal, State, Local	All Hazards Consortium	NRF ESF-13 (Public Safety and Security)	FIPS 201 multi-jurisdictional interoperability to include NRF / NIPP / NCPIP electronic attributes
15 12/4/08	Swift Eagle	Federal	OPRON	NCPIP ESF- 5 (Essential Government)	Essential personnel relocation using FIPS 201 technology for electronic validation



Multi-Scenario Proven Capability



Upcoming Demonstrations

Quarterly – NCR essential government relocation exercises

- Asset mobilization (air, land, water, rail)
- Agency familiarization (validation process)
- Business rule refinement (manifest tracking)

Mar 09 – Winter Chill

- Electronic validation of FIPS 201 credentials
- Muster and manifest business rule refinement
- Shelter-in-place, citizen re-entry drivers license verification

May 09 - Spring Ahead

- Multiple scenarios, stakeholders, locations
- FIPS 201 “invested” stakeholder credential validation & interoperability
- FEMA / HHS collaboration for medical surge credentialing & mobile resume
- Drivers License verification for pre-hurricane season citizen re-entry / shelter-in-place

Jun 09 - Eagle Horizon

- Federal COOP/COG exercise
- Multiple OPRON relocations

Implementing Capability as Common Practice



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F/ERO Repository Population Timeline

Phase One: NCR Pilot (FY 08-10)

- (A) NCR non-DoD F/ERO repository pilot for 100K non-DoD F/EROs (FEMA funded)
- (B) NCR DoD F/ERO repository pilot for 90K DoD F/EROs (DoD funded)

Phase Two: Implementation (FY09-12)

- (A) FY 09 - 11: 2 FEMA Regions (3 & 4) for 132K F/EROs (66 per Region)
- (B) FY 10 - 12: 4 FEMA Regions (1, 2, 5, 6) for 264K F/EROs
- (C) FY 11 - 13: 4 FEMA Regions (7, 8, 9, 10) for 264K F/EROs

Phase Three: Sustainment & Refresh (FY13-18)

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



For Official Use Only (FOUO)



Questions?

Please submit all questions to:

FEMA-FEROSupport@dhs.gov





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