





National Capital Region
Electronic Designation and Validation of
Federal / Mutual Aid Emergency Response Officials (F/EROs)
in support of
National Preparedness
 Presented to the
CTST 2009: The Americas
 May 6, 2009

Topics for Discussion

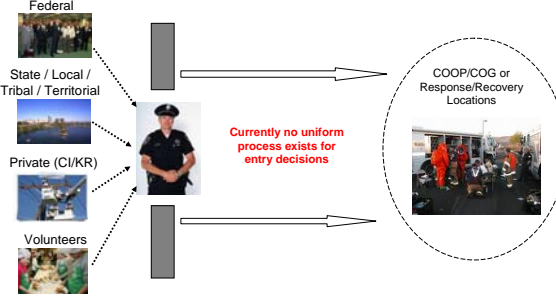
- > **Policy:** Public Law 110-53, HSPD-12, and PIV-I
- > **Process:** Credential issuance, attribute registration, validation
- > **People:** Federal/Mutual Aid Emergency Response Official (F/ERO) registrations
- > **Products & services:** FIPS 201 infrastructures and tool sets
- > **Practice:** Validated demonstrations
- > **Performance measures:** Proven capability
- > **End state:** Standards-based interoperability

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Current Disaster/Emergency Access Process



Currently no uniform process exists for entry decisions

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”

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

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 a database system (Repository) for real time exchange of information and rapid validation of credentialed personnel
- (2) F/ERO repository will be populated / managed by individual entities



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HSPD-12

- 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



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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



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Chronological Electronic Validation (sample data)

Timestamp	Cardholder Name	Card issuer	Summary	Privilege
36/2008 9 11	CAROLYN M REHNET	FRAC-Demo-CA	Success: Card Validation	Section 2: Banking and Finance
36/2008 9 11	CAROLYN ELUCOR	Novartis Public SSP-CA	Success: Card Validation	ESF 7: Research Support
36/2008 9 11	Diana Bianchi	FRAC-SSP-CADP	Success: Card Validation	
36/2008 9 11	Leonard M. Annon (OASD)	US Navy	Success: Card Validation	ESF-13 Public Safety and Security, Federal Agent, ESF-6 Emergency Management, EDG, CDRON Tar 2
36/2008 9 11	Jonathan Edward Geary	GOVY-SSP-CA-06	Failure: PIV-Verification	
36/2008 9 11	DAISY CONTRA L VON	FRAC-Demo-CA	Success: Card Validation	ESF-13 Public Safety and Security
36/2008 9 11	Mark Martin	FRAC-Demo-CA	Success: Card Validation	ESF-13 Public Safety and Security
36/2008 9 11	Stacy Jones	FRAC-Demo-CA	Success: Card Validation	ESF-13 Public Safety and Security, Federal Agent, ESF-6 Emergency Management, EDG, CDRON Tar 2
36/2008 9 11	Jonathan Edward Geary	GOVY-SSP-CA-06	Success: Card Validation	ESF-13 Public Safety and Security, Federal Agent, ESF-6 Emergency Management, EDG, CDRON Tar 2
36/2008 9 11	Agnes Wood	FRAC-Demo-CA	Success: Card Validation	
36/2008 9 11	Thomas Fernandez	FRAC-Demo-CA	Success: Card Validation	ESF-6 Emergency Management
36/2008 9 21	Leman Quynn	FRAC-Demo-CA	Success: Card Validation	Section 11: National Monuments & Icons
36/2008 9 26	OSAMU ETSUJIMA (USF)	USF	Success: Demo: Access Item	ESF-9 Urban Search and Rescue, ESF-6 Emergency Management, Sector 7: Emergency Services, Sector 11: National Monuments & Icons, Sector 19: Transportation
36/2008 9 23	JESSIE REYNOLDS	FRAC-Demo-CA	Success: Card Validation	
36/2008 9 25	Jennifer Hanson	FRAC-SSP-CADP	Success: Card Validation	ESF-6 Emergency Management
36/2008 9 25	Don Dale	FRAC-Demo-CA	Success: Card Validation	Section 11: National Monuments & Icons
36/2008 9 25	Danna Houba	FRAC-Demo-CA	Success: Card Validation	ESF-6 Emergency Management
36/2008 9 26	HERBERT JOSEPH McALLISTER	Novartis Public SSP-CA	Success: Card Validation	ESF-13 Public Safety and Security, COORDCOG
36/2008 9 27	Geoffrey Miller	FRAC-Demo-CA	Success: Card Validation	ESF-6 Public Health and Medical Services, Sector 7: Emergency Services
36/2008 9 27	Craig Wilson	FRAC-Demo-CA	Success: Card Validation	Section 14: Public Health & Healthcare
36/2008 9 27	Mark Martin	FRAC-Demo-CA	Success: Card Validation	ESF-6 Emergency Management
36/2008 9 28	James Hays	FRAC-Demo-CA	Success: Card Validation	ESF-13 Public Safety and Security
36/2008 9 28	Brandon Graham	FRAC-Demo-CA	Success: Card Validation	COORDCOG, Sector 7: Emergency Services
36/2008 9 28	Russell Weaver	FRAC-Demo-CA	Success: Card Validation	ESF-6 Urban Search and Rescue, ESF-13 Public Safety and Security
36/2008 9 28	Scott DOUGLAS Meyer	FRAC-CA-1	Success: Card Validation	ESF-6 Emergency Management, ESF-13 Public Safety and Security
36/2008 9 28	WYOMI GARCIA	FRAC-Demo-CA	Success: Card Validation	ESF-6 Emergency Management, ESF-13 Public Safety and Security
36/2008 9 28	WALTER CLAUDE STAFFORD (Military)	Novartis Public SSP-CA	Success: Card Validation	ESF-13 Public Safety and Security



Access Control Transaction Data



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On-Scene Human Resources (sample data)

Cardholder Name	Privilege
WALTER CLAUDE STAFFORD (Military)	ESF-13 Public Safety and Security
WALTER CLAUDE STAFFORD (Military)	ESF-13 Public Safety and Security
Russell Weaver	ESF-6 Emergency Management
Brandon Graham	ESF-6 Emergency Management
Thomas Fernandez	ESF-6 Emergency Management
Jonathan Edward Geary	ESF-6 Emergency Management
Scott DOUGLAS Meyer	ESF-6 Emergency Management
JESSIE REYNOLDS	ESF-6 Emergency Management
Don Dale	ESF-6 Emergency Management
Danna Houba	ESF-6 Emergency Management
Craig Wilson	ESF-6 Emergency Management
Brandon Graham	COORDCOG
James Hays	COORDCOG
HERBERT JOSEPH McALLISTER	COORDCOG
CAROLYN M REHNET	ESF-2 Communications, Sector 15: Telecommunications
Brandon Graham	ESF-6 Public Health and Medical Services
Geoffrey Miller	ESF-6 Public Health and Medical Services
JESSIE REYNOLDS	ESF-9 Urban Search and Rescue
Brandon Graham	ESF-10 Oil and Hazardous 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 M REHNET	Section 2: Banking and Finance
Brandon Graham	Section 7: Emergency Services
Danna Houba	Section 7: Emergency Services
Geoffrey Miller	Section 7: Emergency Services
JESSIE REYNOLDS	Section 7: Emergency Services
Danna Houba	Section 11: National Monuments & Icons
Leman Quynn	Section 11: National Monuments & Icons
Brandon Graham	Section 14: Public Health & Healthcare
Geoffrey Miller	Section 14: Public Health & Healthcare
Russell Weaver	Section 15: Telecommunications
JESSIE REYNOLDS	Section 18: Transportation



Human Resource Situational Awareness



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NCRC Coordinated Demonstrations

Date	Name	Participants	Host	Targeted Population	Validation
11/2006	Winter Fire	Federal, State & Local	NOF Pentagon Force Protection Agency	NOF ESP-13 (Public Safety and Security)	Multi-Jurisdictional Interoperability
11/2006	Trigle Bridge	Public & Private Sectors	The George Washington University	NOF ESP-6 (Emergency Management) NOF ESP-13 (Public Safety and Security)	Public/Private Interoperability
11/2006	ATAT	Private Sector (Administration)	ATAT	NOF ESP-6 (Governmental Services) NOF ESP-13 (Public Safety and Security)	Authentication
11/2006	Coastal Challenge	EMS (Administration)	EMS	NCFP ESP-6 (Government) NOF ESP-13 (Public Safety and Security)	COORDCOG Member Tracking and Election/Volatility
11/2006	Autism Interoperability	Public & Private Partners	US DOT	NOF ESP-4 (Transportation) NOF ESP-13 (Public Safety and Security)	Multi-Point Access Visibility / Tracking
11/2006	Capital Shield	DC	DC National Guard	NOF ESP-6 (Emergency Management) NOF ESP-13 (Public Safety and Security)	ESF-13 Restricted Access into DOD-controlled Facility
11/2007	Winter Storm	Federal, State, Local, Private Sector	NOF / DHS	NOF ESP-13 (Public Safety and Security)	Multi-jurisdictional FRAC Instance Trust Model
11/2007	Summer Storm	Federal, State, Local & Private Sector	NOF / DHS	NOF ESP-13 (Public Safety and Security)	Multi-jurisdictional FRAC Usage Trust Model
11/2008	Winter Blast	Federal, State, Local & Private Sector	NOF / FEMA	NOF ESP-4 (Public Health) NOF ESP-13 (Public Safety and Security)	Multi-jurisdictional Interoperability with PPS 201 Interoperable Credentials
11/2008	NI-E-200	Federal	All Federal Executive Branch	NCFP ESP-6 (Government) NOF ESP-13 (Public Safety and Security)	Electronic processing and reporting of FEMA essential personnel
11/2008	Spring Blast	Federal, State, Local & Private Sector	FEMA / Tampa Bay, Florida	NOF ESP-13 (Public Safety and Security)	Multi-jurisdictional PPS 201 and Florida driver's license interoperability
11/2008	Summer Storm	Federal, State, Local & Private Sector (CA, NY)	NOF / FEMA / PA / VA / DHS	NOF ESP-4 (Public Health), NOF ESP-13 (Public Safety and Security)	PPS 201 multi-jurisdictional interoperability to include NOF / NCFP / NCFP electronic credentials
11/2008	Valley Palski	Federal, State, Local	NOF / VA Operations/Health of Virginia (VA) and OPRSS	NCFP ESP-6 (Government) NOF ESP-13 (Public Safety and Security)	Electronically validated PPS 201 interoperable credentials issued by the Commonwealth of Virginia controlling transportation
11/2008	Autism Rush	Federal, State, Local	All Hazards Consortium	NOF ESP-4 (Government) NOF ESP-13 (Public Safety and Security)	NOF / NCFP / NCFP interoperability to include NOF / NCFP / NCFP electronic credentials
11/2008	South Eagle	Federal	OPRON	NCFP ESP-4 (Government) NOF ESP-13 (Public Safety and Security)	Essential personnel relocation using PPS 201 technology for electronic validation
11/2009	Valley Palski II	Federal NCFP (COORDCOG)	OPRON (West Virginia)	NCFP ESP-6 (Government) NOF ESP-13 (Public Safety and Security)	PPS 201 validation and relocation of essential NCFP and WV government personnel
11/2009	Winter Blast	Federal, State and Local	Emergency Advisory Board (EAB)	NOF ESP-6 (Emergency Management) NOF ESP-13 (Public Safety and Security)	Multi-jurisdictional PPS 201 and driver's license interoperability



Multi-Scenario Proven Capability



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