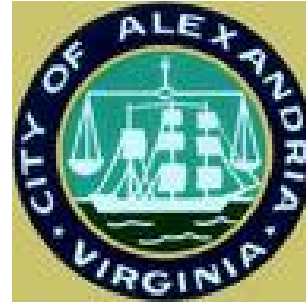


# Interagency Advisory Board

*Meeting Agenda, March 5, 2009*

1. **Opening Remarks (Tim Baldrige, NASA)**
2. **Federal Identity, Credential, and Access Management (ICAM) – The Future of the Government’s IDM Strategy (Judy Spencer, GSA)**
3. **Co-Development of PKI/BLADE and PIV: Requirements and Roadmaps (Jarrod Frahm, DOS and Bill Macgregor, NIST)**
4. **Winter Chill Exercise Debrief (Craig Wilson, FEMA)**
5. **MSO SSP Update (Steve Duncan, GSA)**
6. **PAIIWG Update (Tim Baldrige, NASA)**
7. **Closing Remarks (Tim Baldrige, NASA)**



# Winter Chill - IAB

## March 5, 2009



**FEMA**



# Key Points of Discussion

1. Expected Outcomes
2. Precepts / Assumptions
3. Electronic Registration Process
4. Scenario Overviews & Objectives
5. Targeted Population / Relying Parties
6. Geospatial Display Locations
7. Performance Measures



# Expected Outcomes

1. Electronic validation of participants using valid FIPS 201-compliant / interoperable credentials to include:
  - Federal-issued Homeland Security Presidential Directive (HSPD)-12 compliant Personal Identity Verification (PIV) Credentials
  - DoD-issued Common Access Cards (CACs)
  - State-issued First Responder Authentication Credentials (FRACs)
2. Electronic validation of F/EROs as enrolled in the DoD or FEMA F/ERO repositories
3. Electronic verification of participants using State-issued drivers licenses
4. Near real-time geospatial display of participants for situational awareness
5. Electronic manifest for post-event reconstruction (e.g. Stafford Act) to provide:
  - Accountability
  - Traceability
  - Liability



# Precepts / Assumptions

1. Federal participants will possess agency-issued HSPD 12 / FIPS 201 credentials
2. Non-Federal participants will possess FIPS 201 interoperable credentials that were issued through a trusted process in accordance with the Federal Bridge Certificate Authority (FBCA) or State-issued drivers licenses
3. Electronic attributes have been assigned in accordance with:
  - National Response Framework (NRF) Emergency Support Functions (ESF)
  - National Infrastructure Protection Plan (NIPP) Sector Functions
  - National Continuity Policy Implementation Plan (NCP/IP) Essential Government Functions
4. Relying parties are ESF 13 public safety & security officials trained to operate the handhelds and will electronically validate all identities and attributes of emergency response officials before granting access



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# Electronic Registration Process

1. Participants will possess either an HSPD 12 PIV credential, a valid FIPS 201-interoperable credential (i.e., FRAC, CAC) or a valid State-issued driver's license (DL)
2. Relying parties will be public safety & security officials trained to operate the handheld devices to make informed decisions for emergency access control
3. DL participants will have their barcode electronically scanned for verification of the scanned data against the printed data and photo
4. FIPS 201 participants will have their chip electronically challenged requiring the entry of their personal identification number (PIN) into handhelds as requested by relying parties for robust identity validation
5. FIPS 201 participants may be requested to provide a biometric read for additional identity validation criteria



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# Scenario Overviews & Objectives

## **Scenario One: Essential Government Relocation via Air, Water and Land Assets—will take event during Volant Freight III (Mar 3 09)**

Essential government F/EROs are to assemble at various NCR rally points controlled by USMS for egress to out-of-area relocation sites

**Objective:** Electronic validation of participants using valid FIPS 201-compliant / interoperable credentials

## **Scenario Two: Federal & Mutual Aid Medical Surge Response—will take event during Spring Ahead demonstration (May 09)**

Federal & Mutual Aid Medical Surge F/EROs respond to regional emergencies using F/ERO credentials (May 09)

**Objective:** Electronic validation of participants using valid FIPS 201-compliant / interoperable credentials and retrieval of electronic medical resume stored and encrypted in mobile phones (May 09)

## **Scenario Three: Routine Access into Seaports—will take event during Spring Ahead demonstration (May 09)**

Personnel are requesting routine access into various seaports

**Objective:** Electronic validation of participants using TWIC Credentials for routine access into seaports (May 09)

## **Scenario Four: Federal & Mutual Aid Out-of-Area Ingress for Disaster Response**

Federal & Mutual Aid Out-of-Area ingress personnel processed to the response/recovery location via Joint Receiving Staging Operations Integration (JRSOI)

**Objective:** Electronic validation of participants using valid FIPS 201-compliant / interoperable credentials

## **Scenario Five: Citizen Post-Disaster Re-Entry**

State-issued driver's license (DL) electronic verification of residents re-entering or transiting through the controlled zone to ensure community safety and security

**Objective:** Electronic verification of participants using State-issued drivers licenses

## **Scenario Six: Shelter-in-Place**

Electronic validation of FIPS 201 interoperable credentials or electronic verification of State-issued DL to enable real-time accountability of personnel requiring shelter-in-place

**Objective:** Electronic verification of participants using DL or FIPS 201 credentials





# Scenario 2: Federal & Mutual Aid Medical Surge Response—Spring Ahead (May 09)



Federal



State / Local



Private Sector



Volunteer



## Medical Facilities



**Date:** May 2009

**Event:** Federal & Mutual Aid Medical Surge F/EROs respond to regional emergencies using F/ERO credentials and mobile phone resumes

**Targeted Population:** NRF ESF 8, 13; NIPP Sector 14

**Credentials:** FED PIV, CAC, FRAC

**Provides a real-time roster**

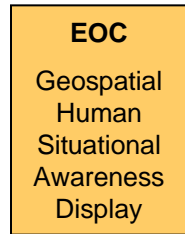
**Access Data:**

- accountability
- traceability
- liability



Agency	Individual Name	Cell Type	E-Stop	Emergency Response
31000001	31000001-00000001	31000001-00000001	31000001-00000001	31000001-00000001
31000002	31000002-00000001	31000002-00000001	31000002-00000001	31000002-00000001
31000003	31000003-00000001	31000003-00000001	31000003-00000001	31000003-00000001
31000004	31000004-00000001	31000004-00000001	31000004-00000001	31000004-00000001
31000005	31000005-00000001	31000005-00000001	31000005-00000001	31000005-00000001
31000006	31000006-00000001	31000006-00000001	31000006-00000001	31000006-00000001
31000007	31000007-00000001	31000007-00000001	31000007-00000001	31000007-00000001
31000008	31000008-00000001	31000008-00000001	31000008-00000001	31000008-00000001
31000009	31000009-00000001	31000009-00000001	31000009-00000001	31000009-00000001
31000010	31000010-00000001	31000010-00000001	31000010-00000001	31000010-00000001
31000011	31000011-00000001	31000011-00000001	31000011-00000001	31000011-00000001
31000012	31000012-00000001	31000012-00000001	31000012-00000001	31000012-00000001
31000013	31000013-00000001	31000013-00000001	31000013-00000001	31000013-00000001
31000014	31000014-00000001	31000014-00000001	31000014-00000001	31000014-00000001
31000015	31000015-00000001	31000015-00000001	31000015-00000001	31000015-00000001
31000016	31000016-00000001	31000016-00000001	31000016-00000001	31000016-00000001
31000017	31000017-00000001	31000017-00000001	31000017-00000001	31000017-00000001
31000018	31000018-00000001	31000018-00000001	31000018-00000001	31000018-00000001
31000019	31000019-00000001	31000019-00000001	31000019-00000001	31000019-00000001
31000020	31000020-00000001	31000020-00000001	31000020-00000001	31000020-00000001

Sample Data Sheet



# Scenario 3: Routine Access into Seaports— Spring Ahead (May 09)



Personnel



Vehicles



Deliveries



## Seaports



**Date:** May 2009

**Event:** Personnel are requesting routine access into various seaports

**Targeted Population:** NRF ESF 1, 5; NIPP Sector 16

**Credentials:** CAC, FRAC, TWIC

Provides a real-time roster

Access Data:

- accountability
- traceability
- liability



Agency	Cardholder Name	Card Type	Card No.	Exp. Date	System	Package
31000001	FRAC/SECURITY	FRAC	12345678901234567890	12/31/10	SECURITY	SECURITY
31000002	FRAC/SECURITY	FRAC	12345678901234567890	12/31/10	SECURITY	SECURITY
31000003	FRAC/SECURITY	FRAC	12345678901234567890	12/31/10	SECURITY	SECURITY
31000004	FRAC/SECURITY	FRAC	12345678901234567890	12/31/10	SECURITY	SECURITY
31000005	FRAC/SECURITY	FRAC	12345678901234567890	12/31/10	SECURITY	SECURITY
31000006	FRAC/SECURITY	FRAC	12345678901234567890	12/31/10	SECURITY	SECURITY
31000007	FRAC/SECURITY	FRAC	12345678901234567890	12/31/10	SECURITY	SECURITY
31000008	FRAC/SECURITY	FRAC	12345678901234567890	12/31/10	SECURITY	SECURITY
31000009	FRAC/SECURITY	FRAC	12345678901234567890	12/31/10	SECURITY	SECURITY
31000010	FRAC/SECURITY	FRAC	12345678901234567890	12/31/10	SECURITY	SECURITY
31000011	FRAC/SECURITY	FRAC	12345678901234567890	12/31/10	SECURITY	SECURITY
31000012	FRAC/SECURITY	FRAC	12345678901234567890	12/31/10	SECURITY	SECURITY
31000013	FRAC/SECURITY	FRAC	12345678901234567890	12/31/10	SECURITY	SECURITY
31000014	FRAC/SECURITY	FRAC	12345678901234567890	12/31/10	SECURITY	SECURITY
31000015	FRAC/SECURITY	FRAC	12345678901234567890	12/31/10	SECURITY	SECURITY
31000016	FRAC/SECURITY	FRAC	12345678901234567890	12/31/10	SECURITY	SECURITY
31000017	FRAC/SECURITY	FRAC	12345678901234567890	12/31/10	SECURITY	SECURITY
31000018	FRAC/SECURITY	FRAC	12345678901234567890	12/31/10	SECURITY	SECURITY
31000019	FRAC/SECURITY	FRAC	12345678901234567890	12/31/10	SECURITY	SECURITY
31000020	FRAC/SECURITY	FRAC	12345678901234567890	12/31/10	SECURITY	SECURITY

**EOC**  
Geospatial  
Human  
Situational  
Awareness  
Display

Sample Data Sheet





# Scenario 6: Shelter-in-Place



Employees



Government Agencies



Businesses



## Shelter-in-Place



**Date:** March 5, 2009

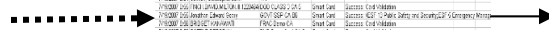
**Event:** Electronic validation of FIPS 201 interoperable credentials or electronic verification of State-issued DL to enable real-time accountability of personnel requiring shelter-in-place

**Targeted Population:** NRF ESF 13

**Credentials:** FED PIV, CAC, FRAC, Drivers License

**Provides a real-time roster**

- Access Data:**
- accountability
  - traceability
  - liability



Agency	Cardholder Name	Card Type	State	System	Package
31000001	31000001	31000001	31000001	31000001	31000001
31000002	31000002	31000002	31000002	31000002	31000002
31000003	31000003	31000003	31000003	31000003	31000003
31000004	31000004	31000004	31000004	31000004	31000004
31000005	31000005	31000005	31000005	31000005	31000005
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31000097	31000097	31000097	31000097	31000097	31000097
31000098	31000098	31000098	31000098	31000098	31000098
31000099	31000099	31000099	31000099	31000099	31000099
31000100	31000100	31000100	31000100	31000100	31000100

**EOC**  
Geospatial  
Human  
Situational  
Awareness  
Display

Sample Data Sheet



# Targeted Population / Relying Parties

Targeted population - All IAB attendees

Relying parties – PFPA, MD (Prince Georges County), VA (Alexandria)



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# Geospatial Display Locations

## Federal

- DoD PFPA

## State

- IL
- NV
- PA DOH
- PA NY/NJ
- VA
- WV

## Regional / Local

- PA Region 13
- Southwest Texas Regional Advisory Council for Trauma (STRAC)
- University of Pittsburg Medical Center (UPMC)



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# Performance Measures

1. 100% electronic validation of FIPS 201-compliant / interoperable credentials for ingress of out-of-area responders into disaster site
2. 100% electronic validation of NRF ESFs and NIPP sector attributes as registered in the DoD and FEMA F/ERO repositories
3. 100% electronic validation of essential government personnel relocating to alternate sites
4. 100% electronic verification of drivers licenses for citizen re-entry after disaster evacuation
5. 100% electronic manifest of all participants for shelter-in-place leveraging FIPS 201-compliant/ interoperable credentials, or drivers licenses
6. 100% near-time situational awareness geospatial display and post-event reconstruction for accountability, traceability, and liability



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