

Winter Storm Demonstration

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**Mr. Steven E. Calvery
Director, Pentagon Force
Protection Agency (PFPA)**

**Mr. Thomas J. Lockwood
Director, Office of National
Capital Region Coordination
(NCRC), Department of Homeland
Security (DHS)**

Topics

- Objectives / Expected outcomes
- Performance measures
- Precepts
- Assumptions
- Timeline
- Targeted population
- Scenarios
- Electronic identity & attribute information

Objectives / Expected Outcomes

Objectives:

1. Validate an operational First Responder Authentication Credential (FRAC) disaster recovery identity management trust model amongst federal, state, local, and private sector jurisdictions
2. Validate the routine functionality of the trust model
3. Validate the robust capability to use the trust model to electronically verify emergency response officials responding to all hazards scenarios

Expected Outcomes:

- 100% validation of public-key infrastructure (PKI) identities using handhelds, smart credentials, and personal identification numbers (PINs)
- 100% verification of authorized Emergency Support Functions (ESFs) as determined by participating agencies/jurisdictions
- 100% validation of attribute infrastructure information exchange as agreed upon by participating agencies/jurisdictions

Performance Measures

1. Achieve 100% electronic validation of multi-agency public and private personnel responsible for planning and response to a regional disaster according to Homeland Security Presidential Directive (HSPD) 5
2. Achieve 100% electronic identity validation of public and private sector personnel by adopting protective measures to reduce the vulnerability to U.S. infrastructure according to HSPD 7
3. Achieve 100% electronic identity validation of personnel requesting emergency access to a Federal facility in accordance with HSPD 8
4. Achieve 100% electronic validation of personnel requesting routine access to a Federal facility in accordance with HSPD 12
5. Achieve 100% electronic validation of credentials with PIN insertion

Precepts

1. All non-Department of Defense (DoD) participants will possess a Federal Information Processing Standard 201 (FIPS 201) technology-compliant production credential with a digital photo imbedded in the integrated circuit chip (ICC)
2. All participants must electronically validate their credentials with PIN insertion
3. All DoD participants will have either legacy Common Access Cards (CACs) (32K without digital photo in ICC) or FIPS 201 technology-compliant CACs (64K with digital photo in ICC)
4. All relying parties will require credential verification and PIN validation prior to making an informed decision for access permission
5. Participants who forget their PINs will be required to show another form of government-issued photo identification

Assumptions

1. All participants will have a valid PKI certificate-based smart identity credentials
2. All participants will know their PINs
3. All relying parties will be pre-positioned at perimeter check points for handheld reader verification

Timeline

10:00AM

Commence Demonstration

2:00PM

Conclude Demonstration

2:00PM – 3:00PM

Hot Wash-up

Targeted Population

Senior leadership from the following ESFs :

- ESF 1 - Transportation (maritime)
- ESF 4 - Firefighting (career)
- ESF 5 - Emergency Management (career)
- ESF 8 - Public Health & Medical Services (licensed medical professionals)
- ESF 9 - Urban Search and Rescue (swift water/collapse/wilderness rescue)
- ESF 13 - Public Safety & Security (career)

Winter Storm Scenarios

Scenario 1: HSPD-12 for routine access to federal facilities

Scenario 2: Regional briefings in response to credible threats to infrastructure

Two perimeter checks will be completed to enforce anti-terrorism/force protection security measures for authorized attendees.

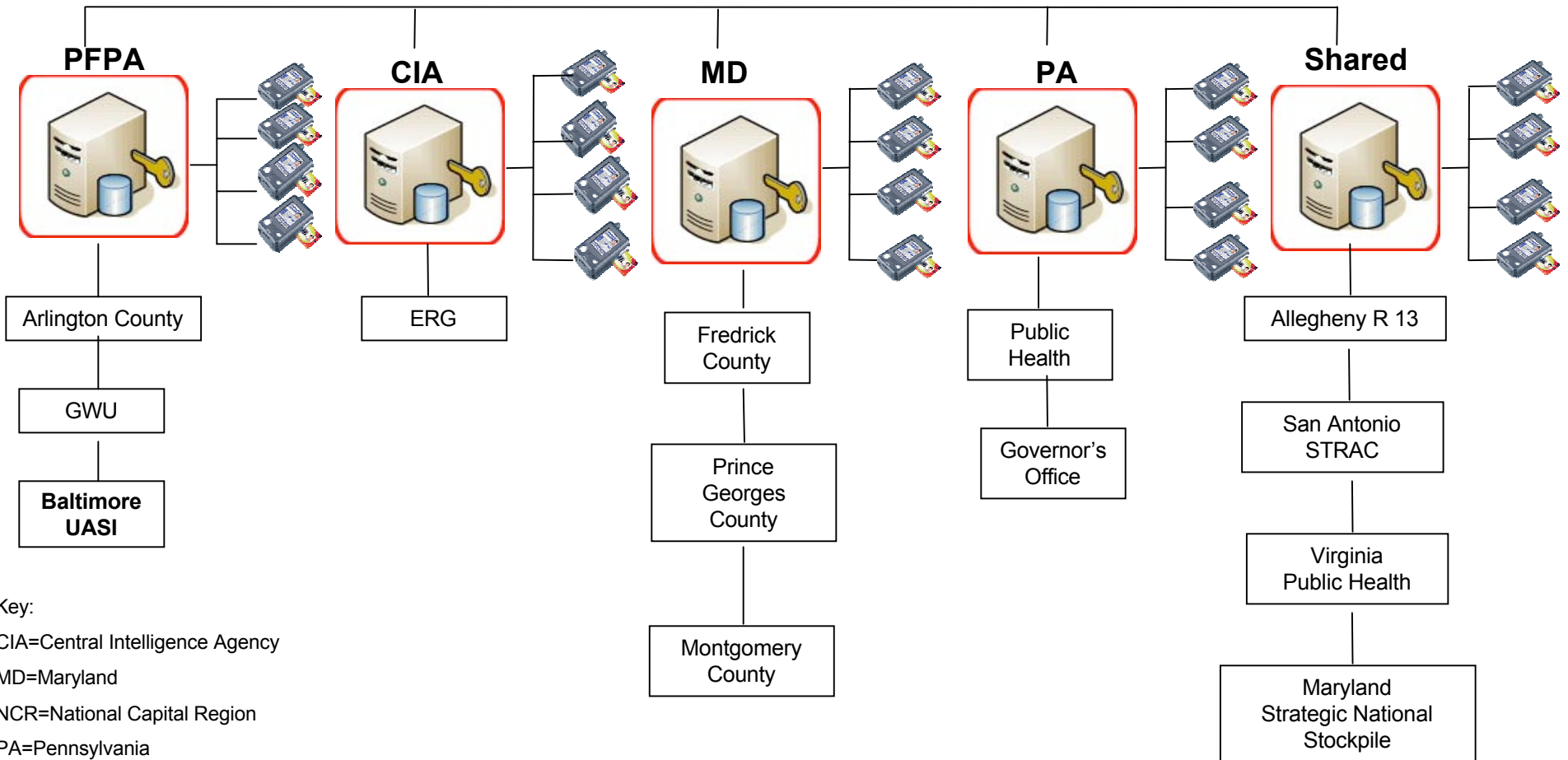
- The first perimeter check will electronically verify identities using a handheld and smart card contact technology in accordance with FIPS 201 for personal identity verification (PIV)**

- The second perimeter check will electronically verify the sponsor-assigned ESF attribute or CAC DoD affiliation to validate need to know. The authorized ESF categories that will be permitted to attend are 1, 4, 5, 8, 9, and 13**

Scenario 3: Continuity of Operations (COOP)/Continuation of Government (COG) relocation exercise

Partnership Data Sharing Agreement

Disaster Recovery Identity Management Trust Model Agreement



- Key:
- CIA=Central Intelligence Agency
 - MD=Maryland
 - NCR=National Capital Region
 - PA=Pennsylvania
 - GWU=George Washington University
 - ERG=Emergency Response Group
 - STRAC=Southwest Texas Regional Advisory Council for Trauma
 - UASI=Urban Area Security Initiative

PDA eID and eAttribute Validation Screen Shot

1. Identity Authentication Confirmation

Unconfirmed
Incorrect Pin
Confirmed
Revoked

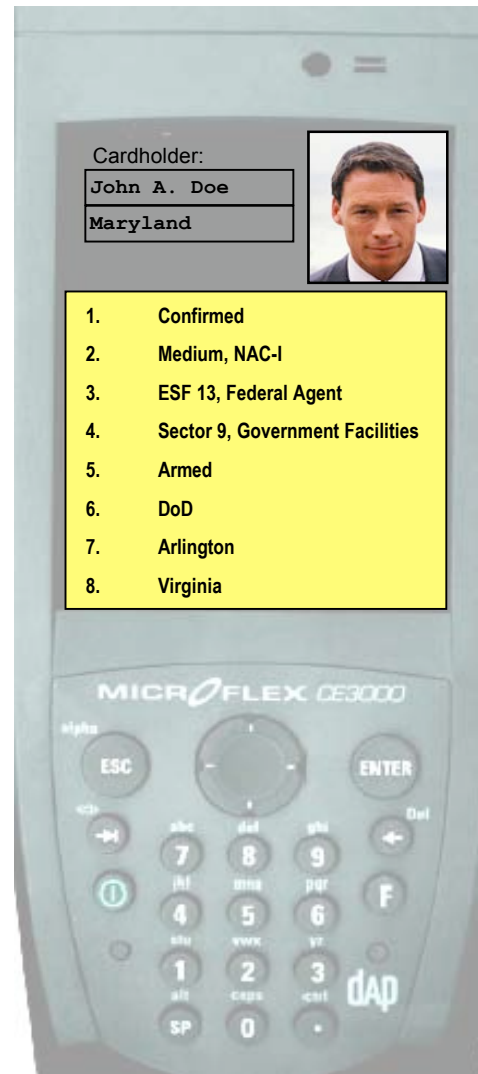
2. Identity Assurance Level

Basic
Medium
High

3. Emergency Support Function (ESF) Information (Table A)

4. Critical Infrastructure

Protection (CIP) Information (Table B)



5. Additional Attribute Information (Other)

6. Identity Sponsoring Agency (static information)

7. Jurisdiction Location (static information)

8. State (static information)

Emergency Support Functions—Table A

Category																
1	NRP ESF Code	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2	ESF Description	Transportation	Communication	Public Works & Engineering	Firefighting	Emergency Management	Care, Housing & Human Services	Resource Support	Public Health & Healthcare	Urban Search & Rescue	Oil & Hazardous Materials Response	Agriculture & Natural Resources	Energy	Public Safety & Security	Long Term Community Recovery & Mitigation	External Affairs
3	General Occupation Description Affiliation	Maritime			Fire Chief; Career Firefighter; Volunteer Firefighter	COOP/COG; Director; ERG; Other			Physician; Nurse; EMT; Paramedic	Swift Water Rescue; Collapse Rescue; Wildneres s Rescue				Federal Agent; State Police; Local Jurisdiction Police		
4	NIMS Resource Typing															
5	Regional / Local Code															
6	Regional / Local Description															

If a First Responder has an ESF role or role in IP or both, ESF role takes precedence
 Tables are working documents as further refined by practioner communities

Critical Infrastructure Protection—Table B

Category																		
1	NIPP Sector Code	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
2	NIPP Sector Description	Agriculture & Food	Banking & Finance	Chemical	Commercial Facilities	Dams	Defense Industrial Base	Emergency Services	Energy	Government Facilities	Information Technology	National Monuments & Icons	Nuclear Reactors, Materials & Waste	Postal & Shipping	Public Health & Healthcare	Telecommunications	Transportation	Water
3	Affiliation																	
4	CIP Description																	

If a First Responder has an ESF role or role in IP or both, ESF role takes precedence
 Tables are working documents as further refined by practioner communities

Sample Data Sheet

Timestamp	Cardholder Name	Card Issuer	ID Type	Summary	Operator
2/23/2006 9:38	AARON.C.PETERSON	DHS Smart Card CA-2	Smart Card	Success: Card Validation	Default Operator
2/23/2006 13:55	AARON.C.PETERSON	DHS Smart Card CA-2	Smart Card	Success: Card Validation	Default Operator
2/23/2006 9:18	Brian A May	PIVMobile CA	Smart Card	Success: Card Validation	Baltimore Operator
2/23/2006 11:27	Brian A May	PIVMobile CA	Smart Card	Success: Card Validation	Baltimore Operator
2/23/2006 10:28	BYS,JOHN,M,2ND	CT	Driver's License	Success: Driver's license scan	Baltimore Operator
2/23/2006 9:34	CHRISTOPHER.W.LANDIS	DHS Smart Card CA-2	Smart Card	Failure: PIN Verification	Default Operator
2/23/2006 9:35	CHRISTOPHER.W.LANDIS	DHS Smart Card CA-2	Smart Card	Success: Card Validation	Default Operator
2/23/2006 11:40	CHRISTOPHER.W.LANDIS	DHS Smart Card CA-2	Smart Card	Success: Card Validation	Default Operator
2/23/2006 10:24	COLOMBA.A.DANGELO	DHS Smart Card CA-2	Smart Card	Success: Card Validation	PFFPA Operator
2/23/2006 12:01	COLOMBA.A.DANGELO	DHS Smart Card CA-2	Smart Card	Success: Card Validation	PFFPA Operator
2/23/2006 11:05	DANIEL.A.PICKENS	DHS Smart Card CA-2	Smart Card	Failure: PIN Verification	PFFPA Operator
2/23/2006 11:06	DANIEL.A.PICKENS	DHS Smart Card CA-2	Smart Card	Success: Card Validation	PFFPA Operator
2/23/2006 12:06	DANIEL.A.PICKENS	DHS Smart Card CA-2	Smart Card	Success: Card Validation	PFFPA Operator
2/23/2006 11:07	HAGY,JAMES,WILEY,	MD	Driver's License	Success: Driver's license scan	Maryland Operator
2/23/2006 13:08	JAMES.E.KIRKMAN	DHS Smart Card CA-2	Smart Card	Failure: PIN Verification	PFFPA Operator
2/23/2006 13:08	JAMES.E.KIRKMAN	DHS Smart Card CA-2	Smart Card	Failure: PIN Verification	PFFPA Operator
2/23/2006 13:37	JAMES.E.KIRKMAN	DHS Smart Card CA-2	Smart Card	Success: Card Validation	Default Operator
2/23/2006 13:54	JAMES.E.KIRKMAN	DHS Smart Card CA-2	Smart Card	Failure: PIN Verification	Default Operator
2/23/2006 13:54	JAMES.E.KIRKMAN	DHS Smart Card CA-2	Smart Card	Success: Card Validation	Default Operator
2/23/2006 9:54	JEFFREY.R.ABRAHAM	DHS Smart Card CA-2	Smart Card	Success: Card Validation	Default Operator
2/23/2006 12:28	JEFFREY.R.ABRAHAM	DHS Smart Card CA-2	Smart Card	Success: Card Validation	Default Operator
2/23/2006 10:24	JOHN E MARKEY 1	PIVMobile CA	Smart Card	Success: Card Validation	Maryland Operator
2/23/2006 11:04	JOHN E MARKEY 1	PIVMobile CA	Smart Card	Success: Card Validation	Maryland Operator
2/23/2006 10:15	KING.HORACE.LEE.1064784893	DOD CLASS 3 CA-5	Smart Card	Success: Card Validation	Maryland Operator
2/23/2006 10:57	KING.HORACE.LEE.1064784893	DOD CLASS 3 CA-5	Smart Card	Success: Card Validation	Maryland Operator
2/23/2006 12:27	LEGRANDE.ROBERT	DHS Smart Card CA-2	Smart Card	Failure: PIN Verification	PFFPA Operator
2/23/2006 12:27	LEGRANDE.ROBERT	DHS Smart Card CA-2	Smart Card	Failure: PIN Verification	PFFPA Operator
2/23/2006 12:28	LEGRANDE.ROBERT	DHS Smart Card CA-2	Smart Card	Success: Card Validation	PFFPA Operator
2/23/2006 13:27	LEGRANDE.ROBERT	DHS Smart Card CA-2	Smart Card	Failure: PIN Verification	PFFPA Operator
2/23/2006 13:27	LEGRANDE.ROBERT	DHS Smart Card CA-2	Smart Card	Success: Card Validation	PFFPA Operator
2/23/2006 11:34	SCHWARTZ.EDMUND.G.JR.1042572477	DOD CLASS 3 CA-5	Smart Card	Failure: PIN Verification	Baltimore Operator
2/23/2006 11:34	SCHWARTZ.EDMUND.G.JR.1042572477	DOD CLASS 3 CA-5	Smart Card	Success: Card Validation	Baltimore Operator
2/23/2006 11:38	SCHWARTZ.EDMUND.G.JR.1042572477	DOD CLASS 3 CA-5	Smart Card	Success: Card Validation	Baltimore Operator
2/23/2006 10:53	SMITH.CHAKA.D.1071749858	DOD CLASS 3 CA-5	Smart Card	Success: Card Validation	Baltimore Operator
2/23/2006 13:57	CHAKA.D.SMITH	DHS Smart Card CA-2	Smart Card	Success: Card Validation	PFFPA Operator
2/23/2006 10:02	ROGER EWIN ROEHR	TWIC Program CA1	Smart Card	Success: Card Validation	PFFPA Operator

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