Introductions & Outline

- Key Team Member Introductions
- Bottom Lines Up Front
- The Problem
- The Proposed Solution
  - What
  - Why
  - Who
  - Where
  - When
- Bottom Lines Again
CMI-Services is a bottom-up, stakeholder-driven effort

We seek involvement by YOU:
- Visit us at http://www.cmi-services.org
- Engage in threaded discussions
- Complete surveys

We need to know:
- YOUR needs
- YOUR priorities
The Problem

Federal

System A

System B

State / Region

System 1

System 2

Local

System C

System D

System E
The Proposed Solution - What

Federal
System A
System B

State / Region
System 1
System 2
System 1
System E

Local
System C
System D

Interoperability Infrastructure
Modern "Middleware," with Common Services, shared among the federation of systems
The Proposed Solution - Why

Traditional Interface Proliferation

2 Systems = 1 Interface

[[Diagram: 2 systems connected with 1 interface A to B]]

3 Systems = 3 Interfaces

[[Diagram: 3 systems connected with 3 interfaces A to B, A to C, B to C]]

4 Systems = 6 Interfaces

[[Diagram: 4 systems connected with 6 interfaces A to B, A to C, A to D, B to C, B to D, C to D]]

5 Systems = 10 Interfaces

[[Diagram: 5 systems connected with 10 interfaces A to B, A to C, A to D, A to E, B to C, B to D, B to E, C to D, C to E, D to E]]

- Every change spawns a geometric progression of interface analyses
- Data Quality suffers

Unaffordable Unmanageable
The Proposed Solution - Why

Middleware Approach

\[ I = \frac{S(S-1)}{2} \]

- 1 Interface per System
- Change limited to 1 Interface

Cost/time Savings
Better Data Quality
The Proposed Solution - Who

- **Government Executive Agent** - USMC Systems Command
- **Government Program Manager** - Mr. Doug Bryce
- **Support Team** - Battelle (prime), Veridian, MTS, Sverdrup
- **Advisory Bodies** - InterAgency Board, Executive Interoperability Council
- **Individual Stakeholders** - over 200 interviews to date per next slide
- **Stakeholder Organizations** - National Institute for Urban Search and Rescue (NI/USR), Emergency Information Infrastructure Partnership, multiple agencies per slide # 9
- **Potential Collaborators** - NI/USR eXtreme Interoperability Infrastructure project and Project Atlanta so far
The Proposed Solution - Who

Requirements Elicitation
Local Stakeholder Interview Target Cities

- Salt Lake City, UT: Completed
- Los Angeles, CA: Completed
- Portsmouth, NH: Completed
- New York City
- Johnstown, PA: Completed
- Stafford Co., VA: Completed
- Dallas, TX: Completed
The Proposed Solution - Who

Requirements Elicitation
Federal Stakeholder Briefing/Interview Target Agencies

- 1st Civil Support Detachment – Natick, MA
- SBCCOM – Technical Escort Unit
- USMC CBIRF
- Federal Emergency Management Agency
- Department of Justice
- National Guard Bureau
- Centers for Disease Control
- National Disaster Medical System
- Department of Energy
- Department of Agriculture
- DASD Reserve Affairs (Military Support to Civil Authorities)
- JTF – Civil Support
- USCG Strike Teams
Bottom Lines Again

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