CMI SERVICES

Consequence Management Interoperability Services

Introductions & Outline

- **Key Team Member Introductions**
- **Bottom Lines Up Front**
- **The Problem**
- **The Proposed Solution**
  - **What**
  - **Why**
  - **Who**
  - **Where**
  - **When**
- **Bottom Lines Again**

Bottom Lines Up Front

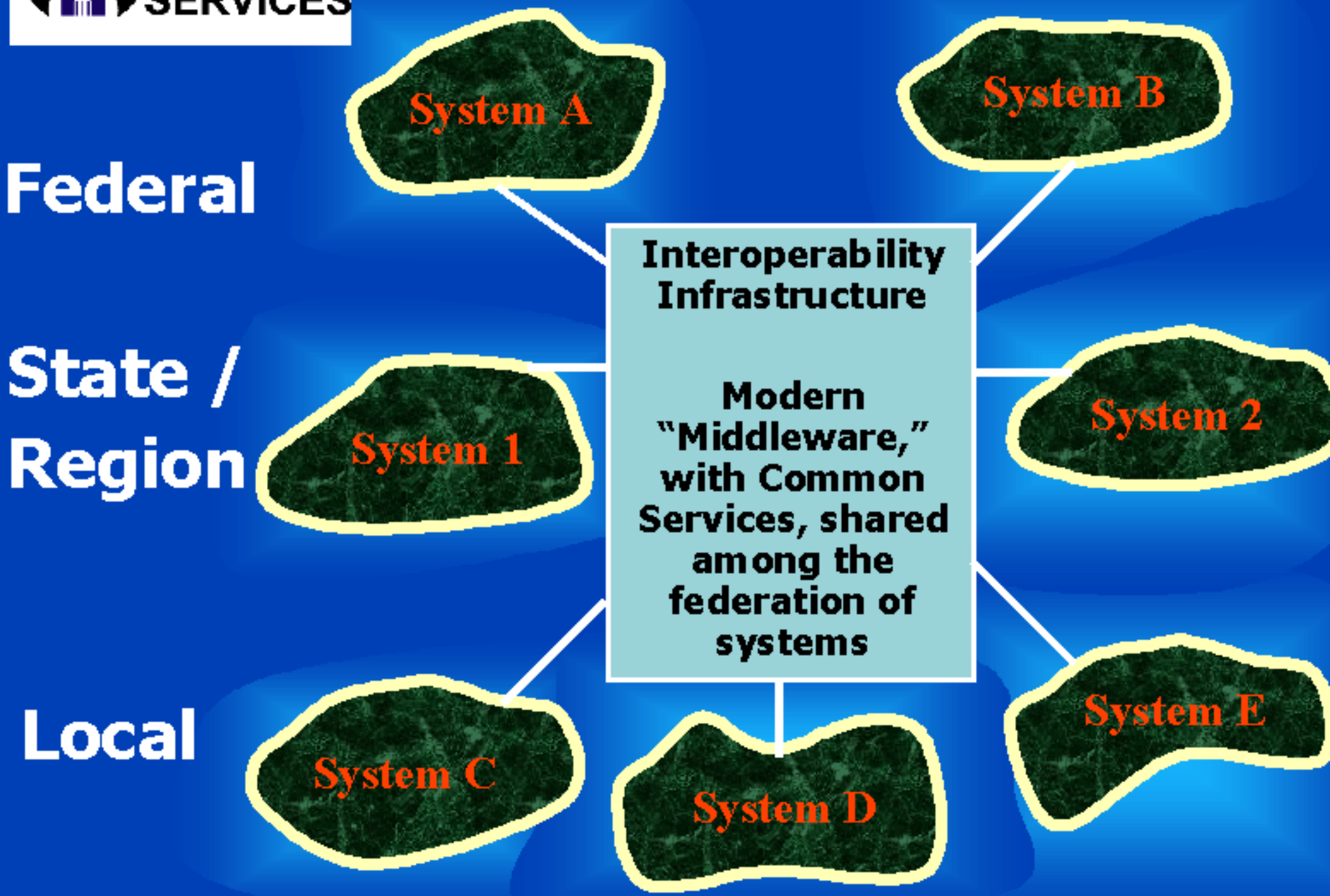
- **CMI-Services is a bottom-up, stakeholder-driven effort**
- **We seek involvement by YOU:**
  - **Visit us at http://www.cmi-services.org**
  - **Engage in threaded discussions**
  - **Complete surveys**

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

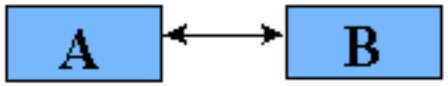
The Proposed Solution - What



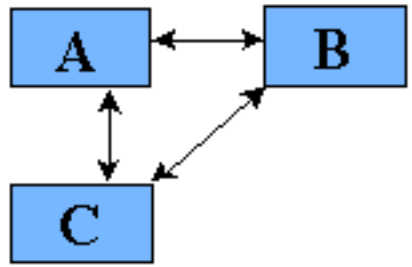
The Proposed Solution - Why

Traditional Interface Proliferation

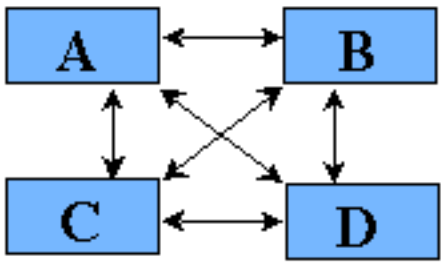
2 Systems = 1 Interface



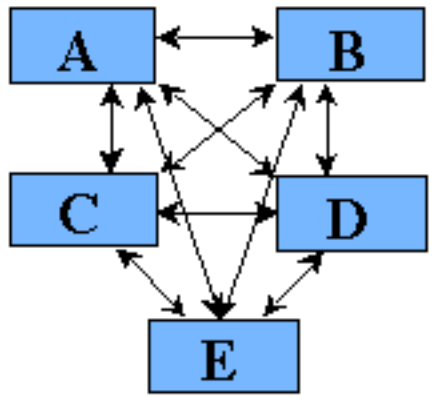
3 Systems = 3 Interfaces

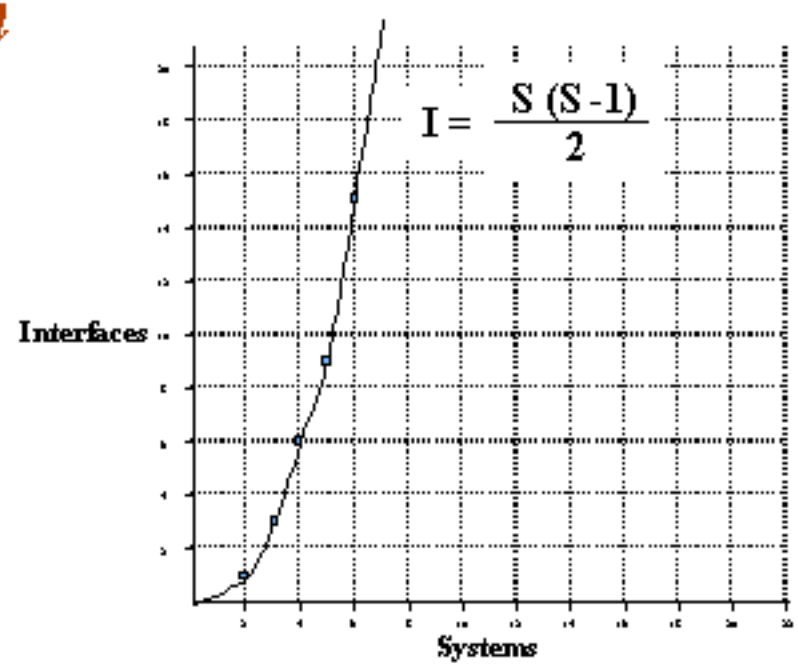


4 Systems = 6 Interfaces



5 Systems = 10 Interfaces



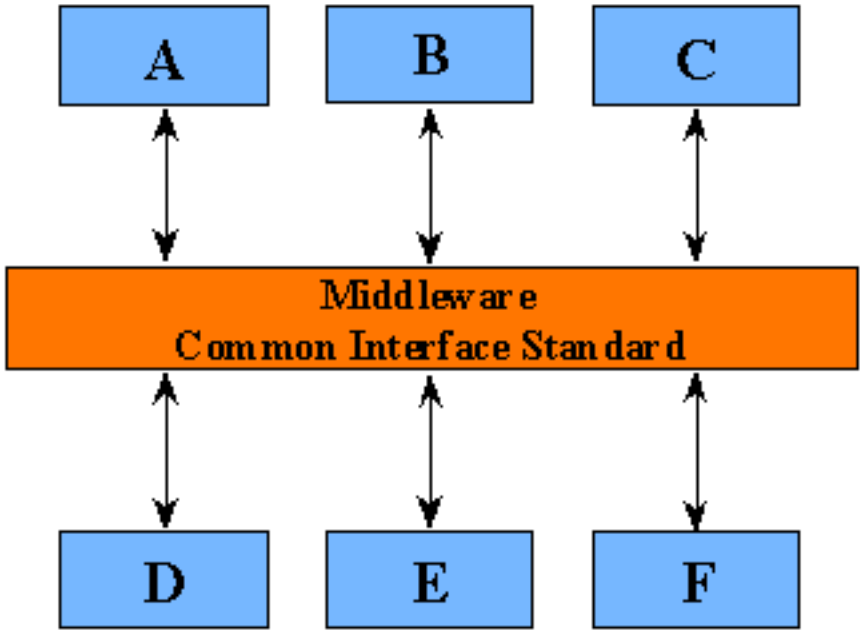


- Every change spawns a geometric progression of interface analyses
- Data Quality suffers

Unaffordable
Unmanageable

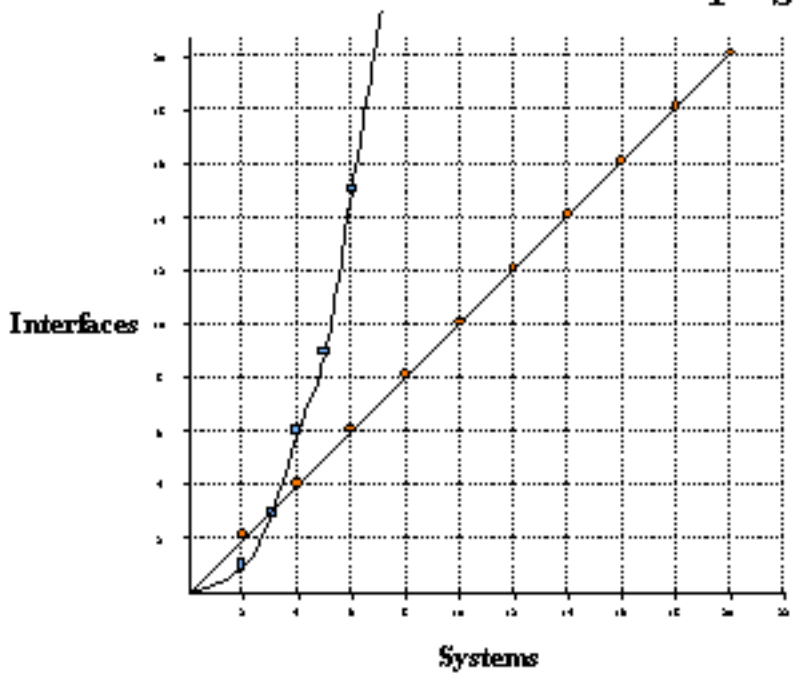
The Proposed Solution - Why

Middleware Approach



$$I = \frac{S\,(S-1)}{2}$$

$I = S$



- 1 Interface per System
- Change limited to 1 Interface

Cost/time Savings
Better Data Quality

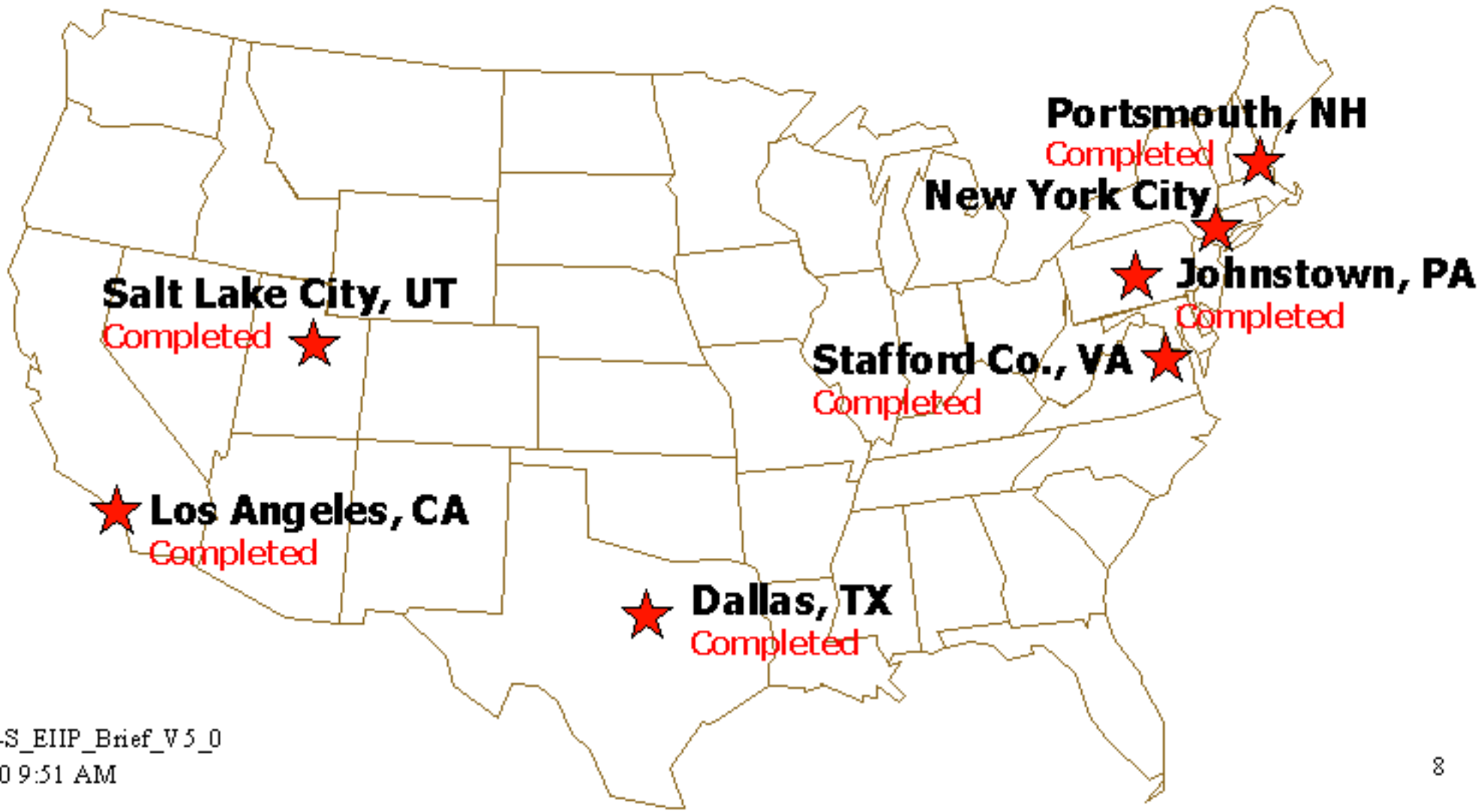
The Proposed Solution - Who

- **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



The Proposed Solution - Who

Requirements Elicitation

Federal Stakeholder Briefing/Interview Target Agencies

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

Bottom Lines Again

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