

# **DMIS General Issues and Future Direction – Part II**

## **Considerations for daily use**

Matthew Bruns  
Business Systems Analyst, Hartford Hospital  
CT Capital Region Emergency Planning Committee  
InfraGard CT/US  
CT DMIS Project Manager

# Routine Activity

- What types of applications of existing or future functionality would encourage the routine use of DMIS on a daily basis?

## Alerting

Should regional/national alerts be offered on an opt-in, subscription basis? Or all regardless of relevance?



# Using DMIS for Routine Activity

## Why is this important?

- Regular use creates skilled operators
- Many big incidents start out as small, seemingly routine events
- Shared “battlespace” helps to reinforce existing Mutual Aid relationships
- Documented activities helps with funding requests
- Regular use minimizes software bugs and helps address other application conflicts, and maintains version control
- Users always find new ways to use good software

# Why is DMIS the right approach?

- From the beginning, the intent was to offer under-funded street level users free software tools they could use daily for routine LE/FD/Hazmat/EM response.
- The same system could be immediately expanded to include State and Federal partners if the incident required a large scale response.
- DMIS is a bottom-up concept. Any system deployed by FEMA will require street-level acceptance to succeed.

# What would encourage daily use?

- **Simple installation and maintenance**
- **Security sufficient for SensUnclass/FOUO communications. (HTTPS/SSL)**
- **Visibility of all other users currently online.**
- **Chat and user-to-user email**
- **GIS tools that allow integration with locally owned GIS datasets**
- **Basic Resource typing capability (Perhaps integrated with IRIS?)**
- **Incident records broken down by ESF**
- **Internal message board for non-incident related discussions (PHP BBS?)**
- **And of course....**



# Alerting

The ONLY thing you cannot bring in more of later to help respond to an incident is:

**TIME.**

If First Responders want to have additional resources available as soon as possible, Second and Third Responders need to be alerted to unfolding situations as soon as possible.



**Generally, these ESF's hear promptly about new local incidents:**

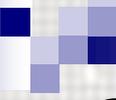
ESF16 Law Enforcement

ESF 4 Fire Service

ESF10 Hazardous Materials

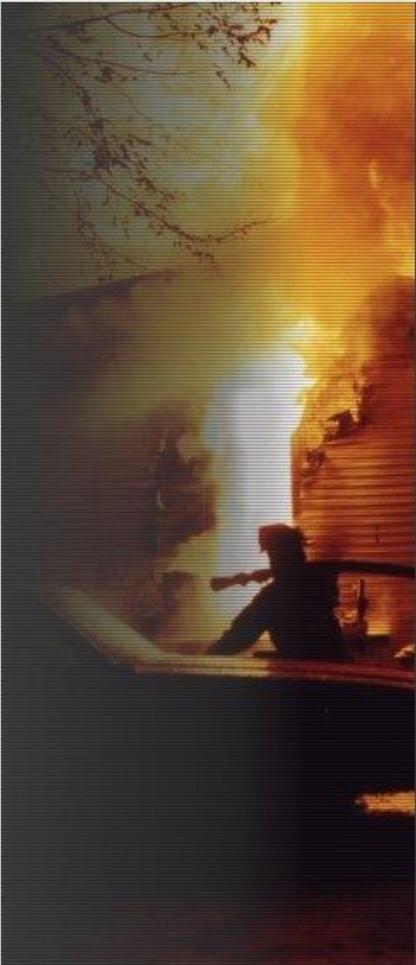
**However, most other ESF's often do **NOT** know immediately about significant local incidents that may affect them:**

- ESF 1 Transportation
- ESF 2 Communications
- ESF 3 Public Works
- ESF 5 Information and Planning
- ESF 6 Mass Care
- ESF 7 Resource Support
- ESF 8 Health and Medical Services
- ESF 9 Urban Search and Rescue
- ESF11 Food Services
- ESF12 Energy
- ESF14 Media
- ESF15 Volunteer Management
- ESF17 Animal Protection
- ESF18 Donations Management
- ESF19 Special Needs



# Second and Third Responders and Receivers need early warning of significant events. But not Routine Events.

- If the new system includes an Alerting capacity, it should be user customizable at the local events, and ESF specific for national events.
- Email remains the flexible medium, although SMS (Text messaging) is more reliable in high volume situations.
- For example, here is how privately run services operate:



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**IPN WORKING INCIDENTS ::**

O/S RPTG WORKERS STUCK ON SCAFFOLDING, UNKNWN HEIGHT, SECURED BY RESCUE ROPES, R-4 OK

**MEMBER ACCOUNT CONFIGURATION ::**

**User Name:** Matthew Bruns  
**IPN Number:** [REDACTED]  
**Account Type:** Premium Membership  
**Email Address:** mbruns@harthosp.org  
**Notification Address:** mbruns@harthosp.org  
**Member Since:** January 29, 2006  
**Account Last Updated:** May 06, 2008  
**Next Renewal Date:** January 29, 2009

CHANGE

CHANGE

**MASTER ACCOUNT SETTINGS ::**

MODIFY CHAPTERS & INCIDENT TYPES ?

INCIDENT DELIVERY TIMES & OPTIONS ?

PAGER DISPLAY FORMAT OPTIONS ?

SEND A TEST PAGE ?

EMAIL CARBON COPY SETTINGS ?

CHANGE YOUR PASSWORD ?

NEXTEL SETUP ?

UPDATE PAYMENT INFORMATION ?

**IPN MEMBER ANNOUNCEMENTS ::**

Check out the new IPN Browser Toolbar! It displays the latest IPN incidents in real-time, and is free as part of your IPN membership. [Click here](#) for more info on this great new tool!





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IPN WORKING INCIDENTS ::

NEW YORK CITY | MANHATTAN | TECHNICAL RESCUE | 154.

### CITY SETTINGS FOR CON ::

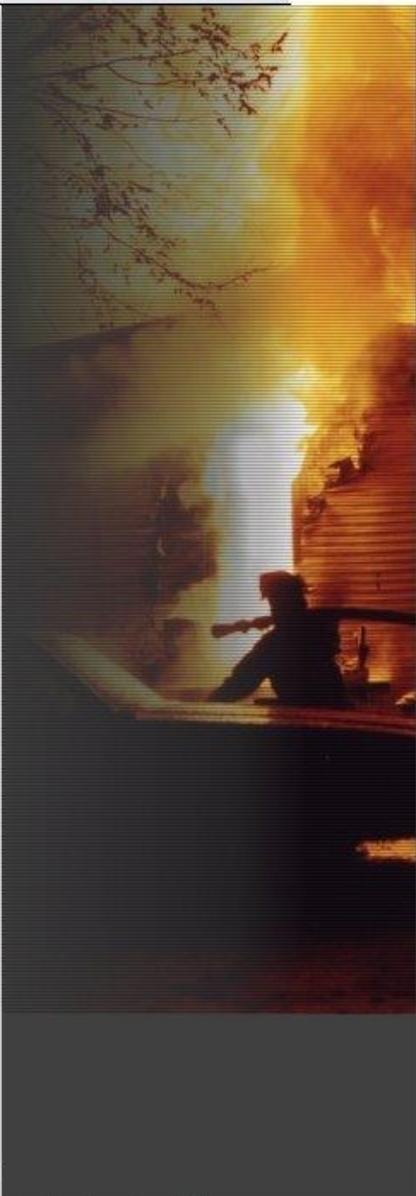
IPN: CON075  
 Name: Matthew Bruns  
 E-Mail: mbruns@harthosp.org  
 Pager: mbruns@harthosp.org

- |               |                              |                |                              |
|---------------|------------------------------|----------------|------------------------------|
| Branford:     | <input type="checkbox"/> Yes | Bridgeport:    | <input type="checkbox"/> Yes |
| Cheshire:     | <input type="checkbox"/> Yes | Cromwell:      | <input type="checkbox"/> Yes |
| Danbury:      | <input type="checkbox"/> Yes | Derby:         | <input type="checkbox"/> Yes |
| East Hampton: | <input type="checkbox"/> Yes | East Hartford: | <input type="checkbox"/> Yes |
| Enfield:      | <input type="checkbox"/> Yes | Fairfield:     | <input type="checkbox"/> Yes |
| Glastonbury:  | <input type="checkbox"/> Yes | Greenwich:     | <input type="checkbox"/> Yes |
| Groton:       | <input type="checkbox"/> Yes | Hamden:        | <input type="checkbox"/> Yes |
| Hartford:     | <input type="checkbox"/> Yes | Ledyard:       | <input type="checkbox"/> Yes |
| Manchester:   | <input type="checkbox"/> Yes | Meriden:       | <input type="checkbox"/> Yes |
| Middletown:   | <input type="checkbox"/> Yes | Milford:       | <input type="checkbox"/> Yes |
| Monroe:       | <input type="checkbox"/> Yes | Montville:     | <input type="checkbox"/> Yes |
| Mystic:       | <input type="checkbox"/> Yes | Naugatuck:     | <input type="checkbox"/> Yes |
| New Britain:  | <input type="checkbox"/> Yes | New Haven:     | <input type="checkbox"/> Yes |
| New London:   | <input type="checkbox"/> Yes | Newtown:       | <input type="checkbox"/> Yes |
| North Canaan: | <input type="checkbox"/> Yes | Norwalk:       | <input type="checkbox"/> Yes |

Update Settings

Reset Values

[Unsubscribe From CON](#)  
[Return to Main Screen](#)





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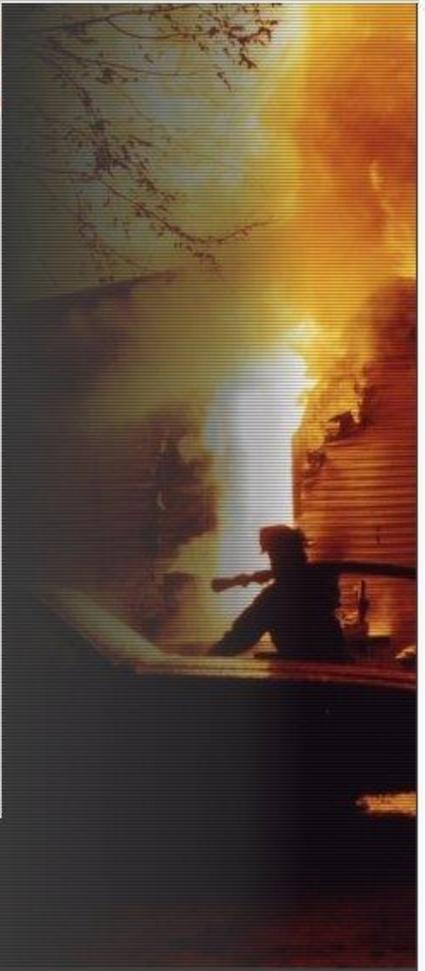
IPN WORKING INCIDENTS ::  
NEW YORK CITY | MANHATTAN | TECHNICAL RESCUE | 154.250 | 105 DUANE ST / BOX D139 | BC-1 O/S RPTC

### COUNTY SETTINGS FOR CON ::

IPN: CON075  
Name: Matthew Bruns  
E-Mail: mbruns@harthosp.org  
Pager: mbruns@harthosp.org

Fairfield County:	<input type="checkbox"/> Yes	Hartford County:	<input type="checkbox"/> Yes
Litchfield County:	<input type="checkbox"/> Yes	Middlesex County:	<input type="checkbox"/> Yes
New Haven County:	<input type="checkbox"/> Yes	New London County:	<input type="checkbox"/> Yes
Tolland County:	<input type="checkbox"/> Yes	Windham County:	<input type="checkbox"/> Yes

[Unsubscribe From CON](#)  
[Return to Main Screen](#)



@Code3Photos.com

### Fire Incidents:

- 1 Alarm Fire (1 ALM) :  No  Yes
- 2 Alarm Fire (2 ALM) :  No  Yes
- 3 Alarm Fire (3 ALM) :  Yes  No
- 4 Alarm Fire (4 ALM) :  Yes  No
- 5+ Alarm Fire (5+ ALM) :  Yes  No
- Brush Fire (BRUSH) :  Yes  No
- Hazmat (HAZMAT) :  Yes  No
- Major Accident (MVA) :  Yes  No
- Major Brush (MJBRSH) :  Yes  No
- Mass Casualty (MCI) :  Yes  No
- Search & Rescue (SAR) :  Yes  No
- Technical Rescue (RESCUE) :  Yes  No
- Train Derailment (TRAIN) :  Yes  No
- Trauma Alert (TRAUMA) :  Yes  No

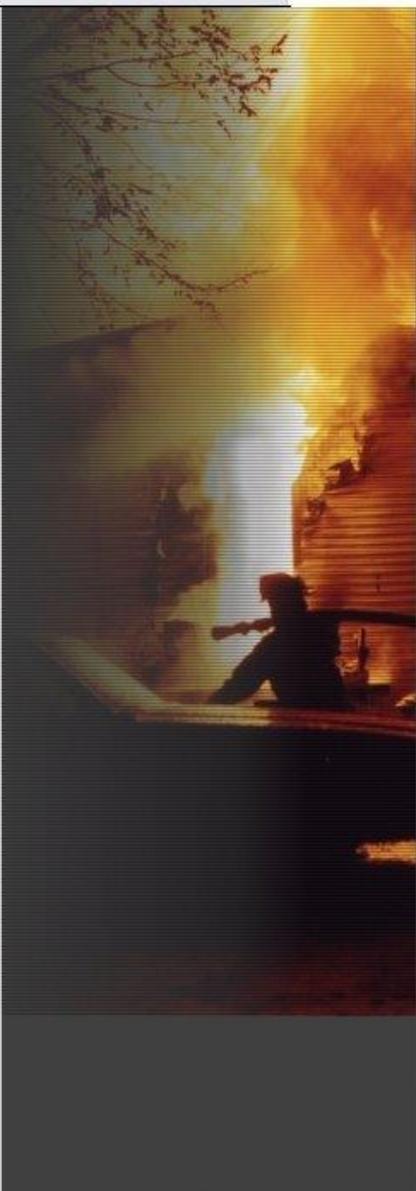
### Police Incidents:

- Amber Alert (AMBER) :  Yes  No
- Armed Robbery (ROBERY) :  Yes  No
- Bomb Threat (BMTHRT) :  Yes  No
- Missing Person (MISING) :  Yes  No
- Officer Assist (OFFAST) :  Yes  No
- Officer Down (OFFDWN) :  Yes  No
- Perp Search/Chase (SEARCH) :  Yes  No
- SWAT/IERT (SWAT) :  Yes  No
- Shooting/Stabbing (SHTSTB) :  Yes  No
- Veh Pursuit (PRSUIT) :  Yes  No
- Violent Crime (VCRIME) :  Yes  No

### Other Incidents:

- Aircraft Down (ACDOWN) :  Yes  No
- Airport Alert (ALERT) :  Yes  No
- Earthquake (QUAKE) :  Yes  No
- Flash Flood Warning (FFWARN) :  Yes  No
- Flash Flood Watch (FFWTCH) :  Yes  No
- Special (SPCL) :  Yes  No
- Suspicious Device (S-DEV) :  Yes  No
- Suspicious Substance (S-SUB) :  Yes  No
- Thunder Storm Warning (TSWARN) :  Yes  No
- Thunder Storm Watch (TSWTCH) :  Yes  No
- Tornado Warning (TORWRN) :  Yes  No
- Tornado Watch (TORWCH) :  Yes  No
- Traffic Advisory (TRAFIC) :  No  Yes

[Update Settings](#) [Reset Values](#)





## IPN DISPATCH HISTORY ::

05-01-2008 07:53	Hartford  Traffic Advisory  Albany & Bedford School Bus MVA, Minor Inj [CWP]  IND041
05-01-2008 16:47	Hartford  1 Alarm Fire  Dispatch  255 Sisson Ave Lt Smoke Showing fm rear of building, Extra Engine  FLA056
05-02-2008 21:46	Hartford  1 Alarm Fire  154.31  19 Colebrook St Dist 1 reports working fire in an OMD requesting 4th & 5th engine to scene  CON096
05-03-2008 02:14	Hartford  Traffic Advisory  154.310  Broad St @ Capitol Ave HFD o/s multi. car MVA w/injuries, req. PD & EMS to scene, lanes blocked.  MAS163
05-03-2008 02:32	Hartford  Traffic Advisory  154.310  Market St @ Morgan St N HFD o/s 2 car MVA w/injuries, lanes blocked, PD & EMS enrt.  MAS163
05-03-2008 02:32	Hartford  Shooting/Stabbing  154.310  485 Albany Ave HFD o/s male shot, down on the front lawn, no suspect info. EMS packaging for transport.  MAS163
05-03-2008 05:19	Hartford  1 Alarm Fire  154.310  1943 Broad St Dist. 1 o/s heavy fire from the front of a 2 story commercial, 2-LSO, req. 5th Engine.  MAS163
05-03-2008 22:18	Hartford  Shooting/Stabbing    500 Blue Hills Ave 2 Shot - 1 is a Trauma Code. EMS & Numerous PD o/s.  CON065

There are **27488** incidents for this Chapter

**City/County**

Hartford

**Incident**

All Incidents

**Start Date**

May 01 2008

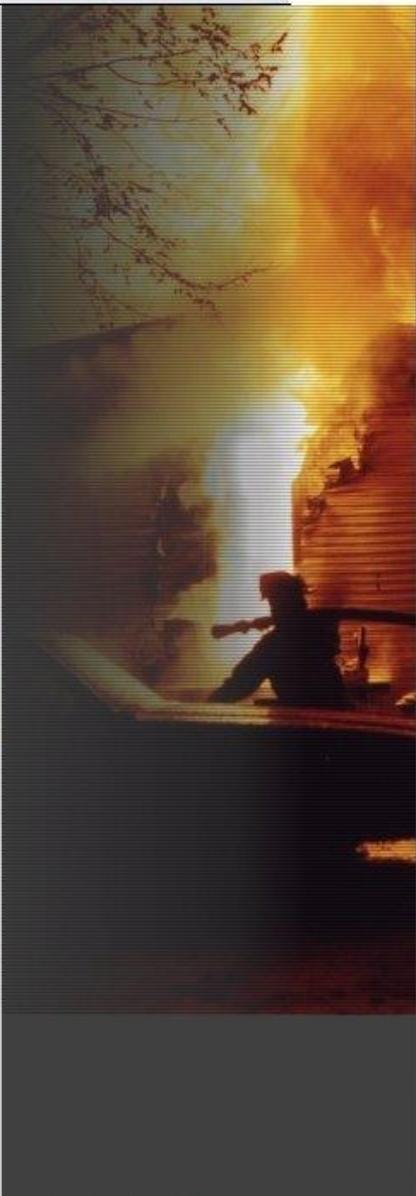
**End Date**

May 06 2008

Search

\* **Note** Search will return a Maximum of 20 records at a time

\* **Note** Incidents are not moved to the History Database until 72 hours after they have been dispatched



CT DMIS User Requests - Microsoft Internet Explorer provided by Hartford Hospital

File Edit View Favorites Tools Help

Address <http://www.cemaonline.org/DMIS/dmisCT.htm>

**IPN** NEW JERSEY (NORTH) | BERGEN COUNTY (FRANKLIN LAKES) | 1 ALARM FIRE | 688 OLD MILL RD | MF : **IPN** 14.55:46



**Welcome to the Connecticut DMIS Project**  
This website is hosted by the [CT Emergency Management Association](#)

[What is the the CT DMIS Project?](#)

[View a PowerPoint presentation about the CT DMIS Project](#)

[Screenshots of DMIS in use](#)

[Request access to the CT DMIS system](#)

[Support and Utilities](#)

**IPN ALERT:**  
Los Angeles CA | Explosion in Underground Vault near LAX. 1 Firefighter Killed. 2nd FF Critical. U/Ds on LAX Chapter. LAX094

[LOG ON TO IPN NOW](#)

Applet counter started

start

2:55 PM

# Alerting configuration ideas

- Default set of message types according to user's primary ESF
- Global alerts on Incidents of National Significance
- Ability to email up to three addresses per user
- CAP Compliant message formatting for cross-platform use
- Notification of new information within DMIS that is above SensUnclass level
- New Alerts can be generated locally, but only by specially trained and authorized users.



# The Emergency Email & Wireless Network

A Service of The Emergency Email Network

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A Free Public Service

An Enotem Private Media Venture - Public Partnership

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from the List  
Below GET  
BREAKING  
WEATHER  
and Homeland  
Security Info  
sent to your  
Wireless  
Palm & Email

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A free public service

## Get Notified of an Emergency by Email, Cell, Pager



from your local, regional and national government sources

[Weather Information](#)-[Homeland Security](#)-[Local Emergency Management](#)-[Health Alert](#)

Here's how...

to receive Emergency Email notification of natural disasters or other emergencies in your area...

1. Click on your area from the list
2. Add your email address
3. Repeat for more than one area  
(Commercial upgrade may be required)

Current and previous Agencies

[State of Wyoming Homeland Security Council](#)

[VIRGINIA FIRE CHIEFS ASSOCIATION News and Homeland Security Messaging](#)

NewsEmergency.com

Web  www.emergencyemail.org

Google Search

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NewsEmergency.com RSS ALERT ARCHIVE

[Governor Kaine Declares Statewide Emergency to Coordinate Response to Severe Weather](#)





The Emergency Email Network@  
CT - Hartford County-Emergency

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Current Address: [mbruns@harthosp.org](mailto:mbruns@harthosp.org)

1. Your Home County or Parish (required)   
 Your 5 digit US Zip Code (required)   
Acts as your PASSWORD

2. Make changes here. Check or UnCheck the topics below that interest you Leaving all Check Boxes UNCHECKED will reduce your emails BUT you will still be eligible to receive EMERGENCY EMAIL

- Severe Weather Information (non-emergency)
- Homeland Security Codes
- Outage Info from my electric, gas, water co.
- Organ Donation
- Daily Weather Forecasts (If available)
- Routine Blood Drives
- MISSING CHILDREN AMBER ALERTS (as avail.)
- DO NOT SEND National Disaster News
- Agree to receiving information from our sponsors

3. How you receive your e-mail:

- Computer
- Cell Phone
- Digital Pager
- FAX

4. Time Setting (OPTIONAL)  
 You can BLOCK all NON Emergency message content during the hours you specify below. (This option is useful for pager and wireless devices.)

Turn my Service OFF during the following hours:

Start BLOCK Time  End Block Time

Set your TIME ZONE

- Eastern Time
- Central Time
- Mountain Time
- Pacific Time
- Alaska
- Hawaii

Only Click This Button if you want to be permanently removed

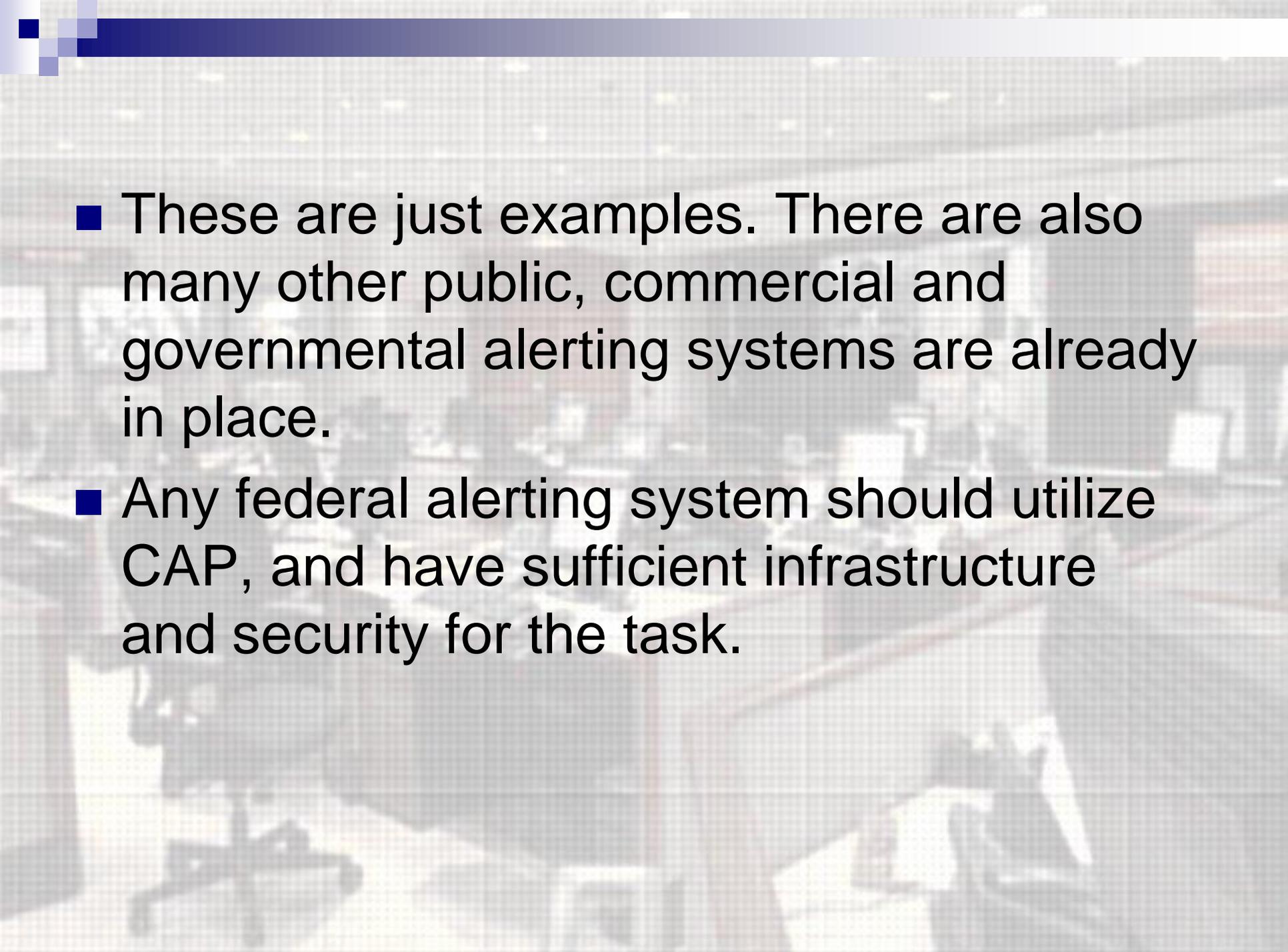
Unsubscribe

Update Profile

Partial List of Information Sources

<b>Agencies</b>	<b>Types of Notifications</b>	<b>Public Utilities</b>
City/County	Hurricane/Tornado	
Government	Severe Weather	
Federal	Evacuations	
Government	Health Emergencies	
Civil Defense	Natural Disaster	



- 
- 
- These are just examples. There are also many other public, commercial and governmental alerting systems already in place.
  - Any federal alerting system should utilize CAP, and have sufficient infrastructure and security for the task.

# The Fantasy



# The Expectation



# The Reality



# The State of the Art



Homeland Security Operations Center (HSOC)