

National Weather Service *Tallahassee*

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HAZCollect
speeding emergency messages to the public

HAZ Collect

All-Hazards Emergency Message
Collection System

- Overview
- Implementation

Currently.....

- EMA contacts State EMA
 - ◆ EAS message generated
- Some are relayed to NWS
 - ◆ NWS staff authenticates
 - ◆ Generates message manually
- Delays Errors?

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- NWS in partnership with DHS/FEMA
- EM agencies/partners relayed automatically through NWS systems.

Sends messages to:

- NOAA Weather Radio
- NOAA Weather Wire Service
- EMNET, EMWIN
- Family of Services



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Advantages

- Uses existing PC software and hardware
- Speeds computer communications
- Errors minimized
- Secure, authenticated messages

Example scenario

URGENT - IMMEDIATE BROADCAST REQUESTED

SHELTER IN PLACE WARNING

TEXAS EMERGENCY MANAGEMENT AGENCY AUSTIN/SAN ANTONIO TEXAS

RELAYED BY NATIONAL WEATHER SERVICE AUSTIN/SAN ANTONIO TX

843 AM CDT THU MAY 25 2006

THE FOLLOWING MESSAGE IS TRANSMITTED AT THE REQUEST OF THE TEXAS EMERGENCY MANAGEMENT AGENCY AUSTIN TEXAS.

THERE IS A CHLORINE LEAK FROM A TANKER IN THE 9200 BLOCK OF EAST HIGHWAY 290. RESIDENTS IN THE CHIMINEY HILLS AND WALNUT TRACE SUBDIVISIONS SHOULD REMAIN IN THEIR HOMES, TURN OFF THEIR AIR CONDITIONER, CLOSE WINDOWS AND DOORS, AND LISTEN TO MEDIA FOR FURTHER UPDATES. THERE IS NO NEED TO EVACUATE, HOWEVER CHLORINE CAN BE AN IRRITANT IF INHALED. RESIDENTS NEEDING TO LEAVE THAT AREA SHOULD DO SO BY GOING NORTH ON SPRINGDALE THEN WEST ON FURGESON.

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- Avalanche Warning
- Child Abduction Alert
- Civil Danger Warning
- Civil Emergency Message
- Earthquake Warning
- Evacuation Immediate
- Fire Warning
- Hazardous Materials Warning
- Law Enforcement Warning
- Local Area Emergency
- 911 Telephone Outage Emergency
- Nuclear Power Plant Warning
- Radiological Hazard Warning
- Shelter in Place Warning
- Volcano Warning

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Minimum Participant Requirements

Approved



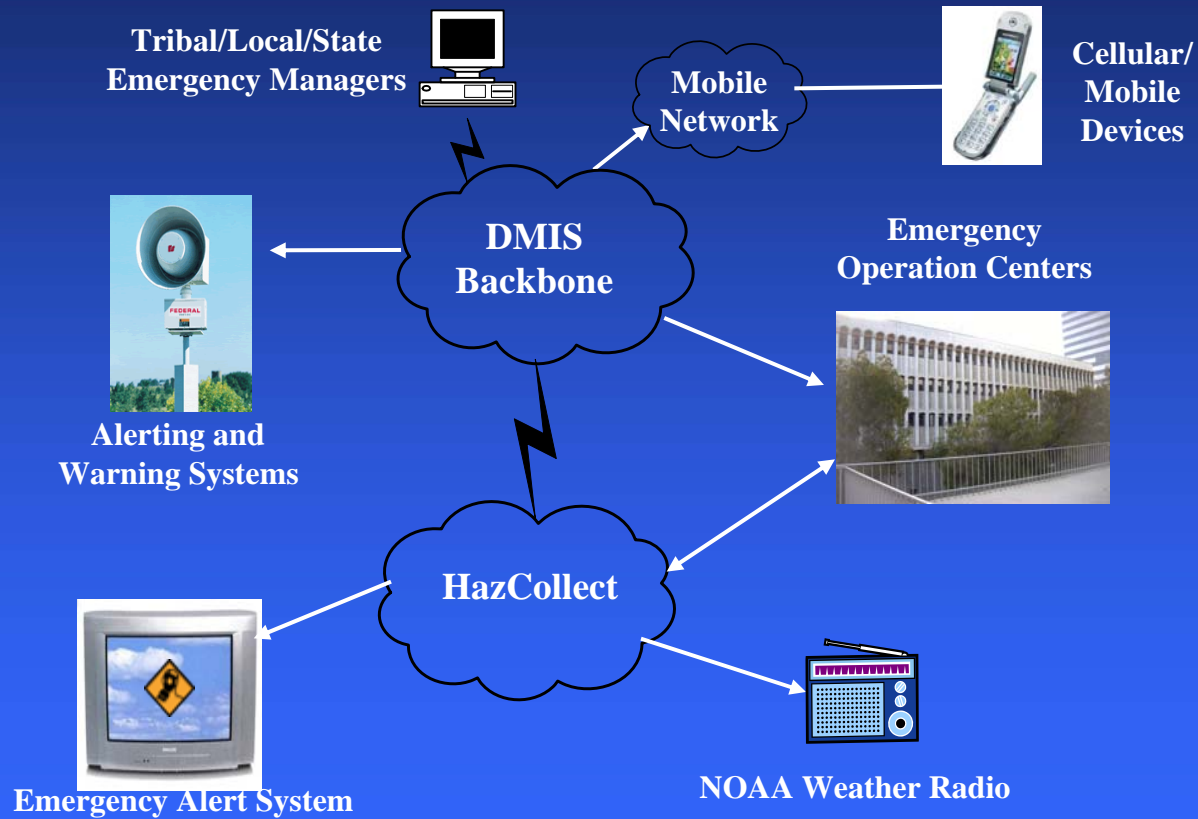
- Be a DHS/DMIS registered user
- Training - creation and posting of NWEMs
- Approval by state committee

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Software requirements:

- CAP-enabled
- Interface with DMIS
 - commercial software (Blue 292, EMnet, E Team, Oasis, WebEOC, or others) must be able to interface with DMIS

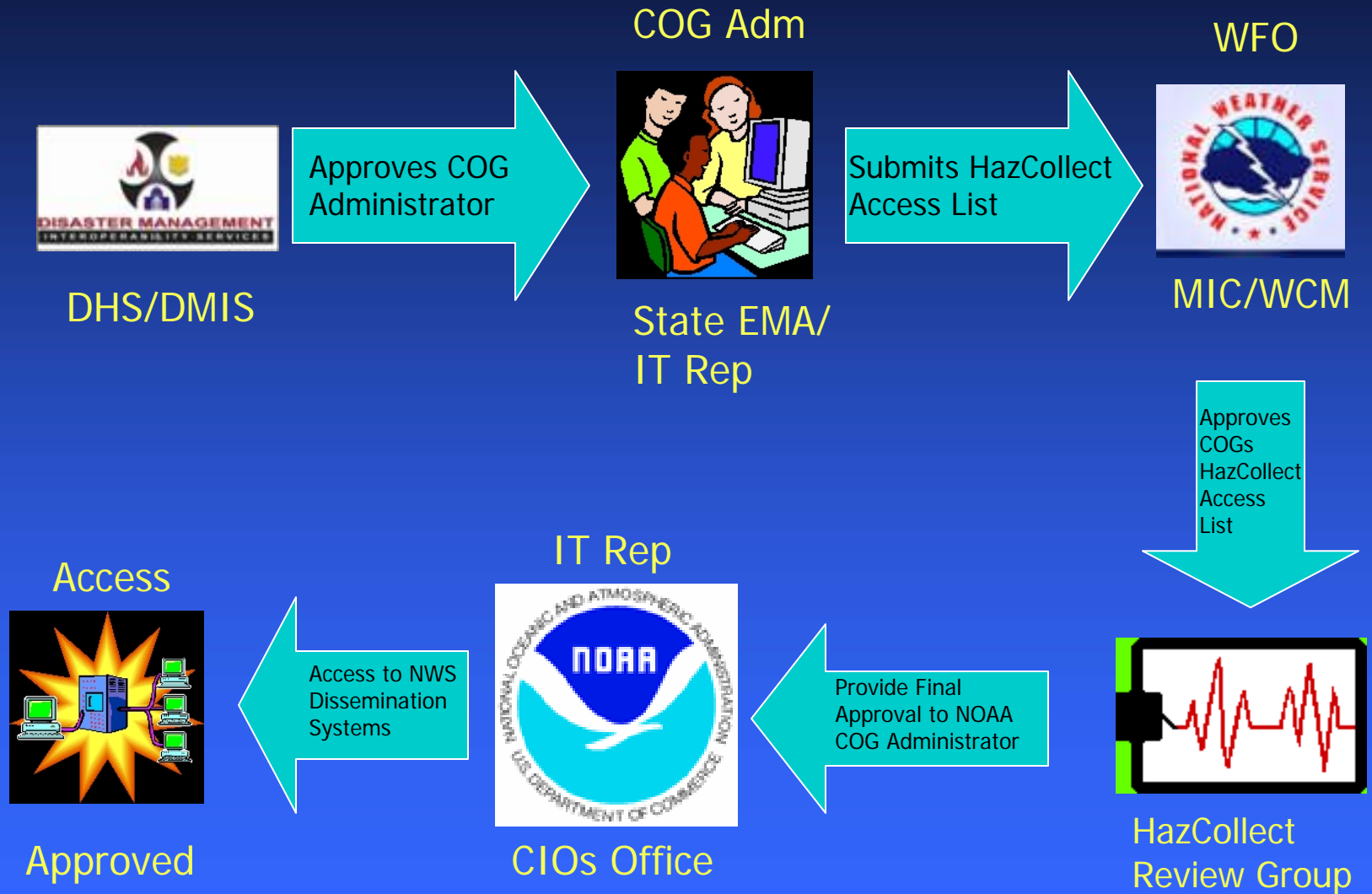
Common Alert Protocol (CAP) will allow communication between various systems and devices



HAZCollect Implementation

- DMIS – HAZCollect successfully tested in Florida Nov 2006
- Approaching final system start-up

HAZ Collect Approval Chain



HAZCollect Implementation

- Florida State Emergency Communications Committee (SECC) to develop guidelines
- State EOC and FDLE - initial users
- SECC approves access to other agencies

Weather Radio ~ 5 year outlook

- Replace the current ailing broadcast consoles
- Consolidate NOAA Weather Radio and NOAA Weather Wire Service
- Better reliability
- Lower cost

