

STATE EAS PLAN

EAS ACTIVATION

EAS activation is initiated by the Florida Division of Emergency Management (The Governor is authorized to activate EAS via FDEM), or the National Weather Service, or the County Emergency Management Coordinator

FDEM

In the event that an emergency or disaster event impacts Florida on a regional or statewide basis, the Florida Division of Emergency Management must activate EAS to warn citizens.

COUNTY EOC

In the event of emergencies or disasters local emergency managers have the authority and must immediately advise the population by communicating directly with LP-1 Stations

NWS

When a significant weather system covers a large portion of the state, more than one NWS Forecast Office may be required to activate EAS.

RELAY to LP Stations

RELAY to LP Stations

LP - 1

LP - 1 must monitor state relay network (FDEM and LP - 2)

MONITOR

LOCAL PRIMARY STATIONS

MONITOR

LP - 2

LP - 2 must monitor state relay network (FDEM and LP - 1)

RELAY to All Stations

RELAY to All Stations

MONITOR LP - 1

ALL BROADCAST STATIONS AND CABLE OPERATORS

All Broadcast Stations and Cable Operators in the area will receive the message from LP stations.
*These stations should monitor appropriate LP Stations according to their Operational Area

MONITOR LP - 2



<http://www.fab.org/EASPlan.html>



FAB
FLORIDA ASSOCIATION OF
BROADCASTERS

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Questions?

For all FCC or legal related questions, please call our hotline at (800) 825-5322 or

EAS Plan

IN THIS SECTION:

- [2011 State of Florida Emergency Alert System Plan](#)
- [RMT Schedule](#)
- [Frequently Asked Questions](#)

For more information, please visit the following links:

- [2011 State of Florida Emergency Alert System Plan](#)
- [RMT Schedule](#)
- [Frequently Asked Questions](#)

NOTE: The FCC has published [EAS Operating Handbooks on the Web](#).



Get Alerts, Stay Alive

Integrated Public Alert and Warning System (IPAWS)



FEMA

IPAWS Vision

“Timely Alert And Warning To American Citizens In The Preservation of Life And Property”

Integration of public alert communications systems:

- ▶ Facilitate single emergency alert message delivery to all available public dissemination channels
- ▶ Easier to use for alerting authorities



Alerting Authorities;
Local, State, Territorial,
Tribal, and Federal



IPAWS-OPEN
“Alert Aggregator”



Television



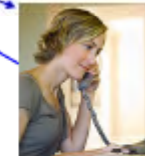
Radio



Cell Phone



Computer



Home Phone



Public Signage

EAS

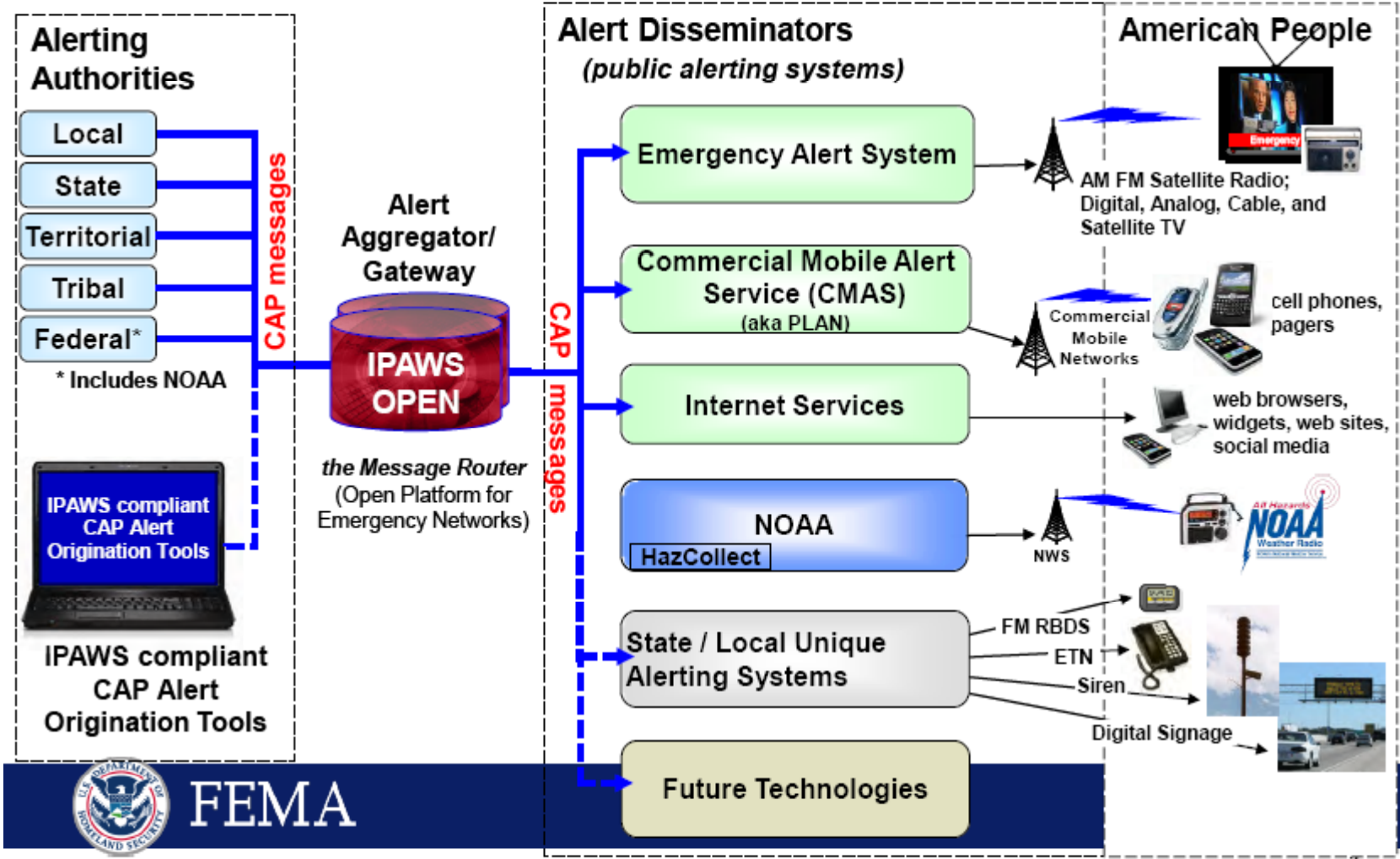
CMAS

- ▶ *Improves and Enhances* emergency alerting capability in two critical ways:

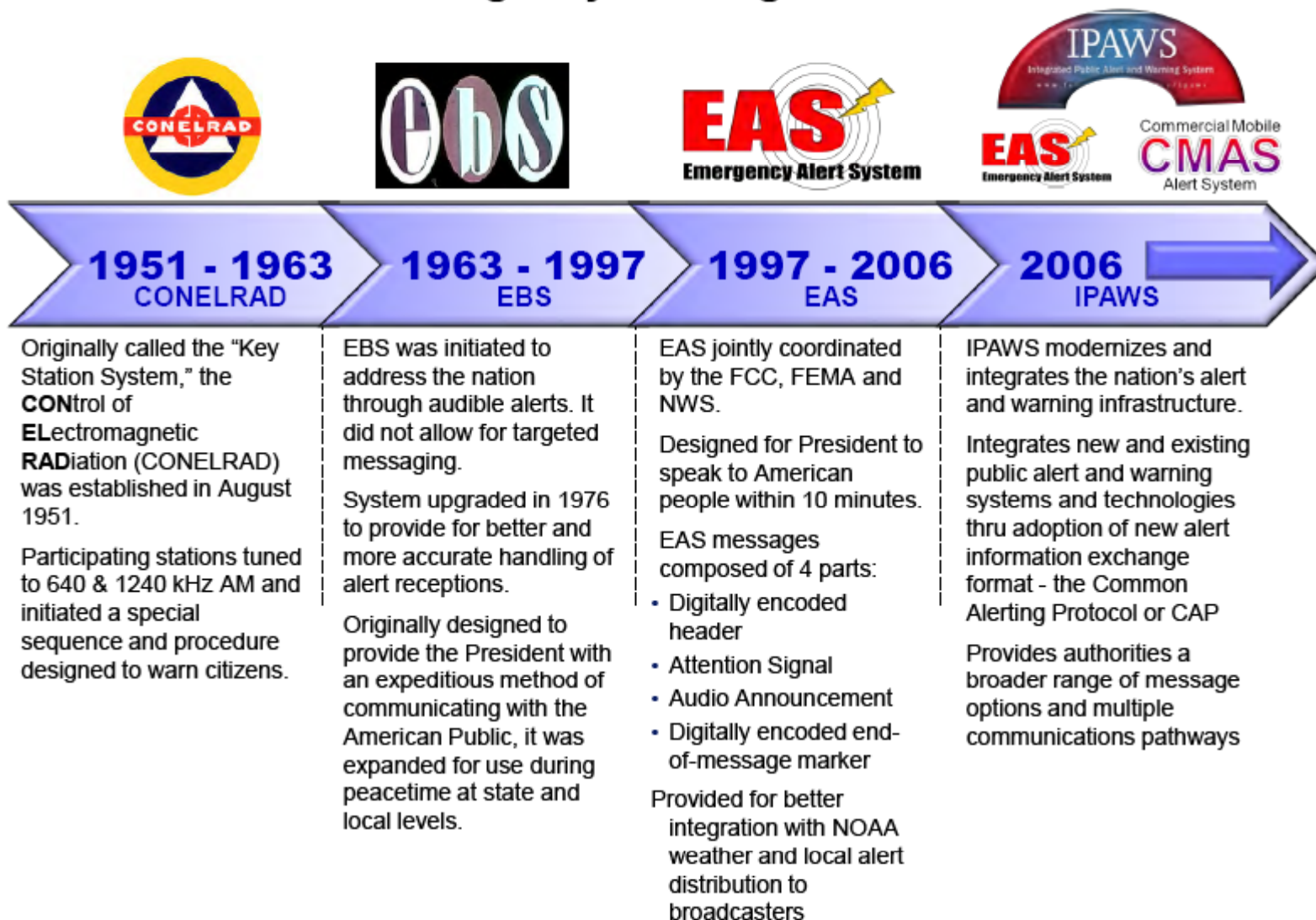
- increases reliability that affected citizens receive an alert via at least one path
- increases likelihood that citizens react to emergency alerts

IPAWS Architecture

Standards based alert message protocols, authenticated alert message senders, shared, trusted access & distribution networks, alerts delivered to more public interface devices



The Evolution of Emergency Alerting





Commercial Mobile Alert System (CMAS)



Commercial Mobile Alert System (CMAS): Benefits and Capabilities

▶ *IPAWS is the only way emergency managers can access the Commercial Mobile Alert System (CMAS)*

▶ Provides for authorized public safety officials to send *90 character, geographically targeted, emergency alerts* to cellular phones in a danger zone

▶ Uses *“cell broadcast”* technology to avoid network congestion

▶ Cellular carrier participation voluntary

– 142 carriers have opted-in to participate

▶ Citizens may opt-out of receiving alerts

▶ Public-Private Partnership with cellular carriers (defined by FCC rules)

▶ *CMAS capability is free to alerters and alertees – no usage or text message charges*



▶ Significantly Different from SMS/email based alerting systems

– *Not subscription based* -- true location based alerting

– Sends alerts to phones in an area - not to a database of phone numbers

– *For “Alerts” only*.... not for notification type messages

– Only for emergencies categorized as:

• *Imminent Threat (Severity, Urgency, Certainty)*

• *AMBER / Child Abduction Emergency*

• *Presidential (***) Cannot Opt-Out (***)*



CMAS ROLLOUT

- 4 National Cell phone carriers have agreed to carry CMAS
 - Sprint
 - Verizon
 - AT&T
 - T-Mobile
- In Florida, all CMAS targeted alerts will be sent through EMnet.
 - State and County
- EMnet connects through the IPAWS Aggregator



For more information

- ▶ IPAWS@dhs.gov

- ▶ IPAWS Website:
<http://www.fema.gov/emergency/ipaws/>

- ▶ EMI Independent Study Course IS-247:
<http://training.fema.gov/EMIWeb/IS/is247.asp>

- ▶ Mailing list for IPAWS Webinar notices:
http://service.govdelivery.com/service/subscribe.html?code=USDHSFEMA_165