EAS to CAP Migration In Washington State

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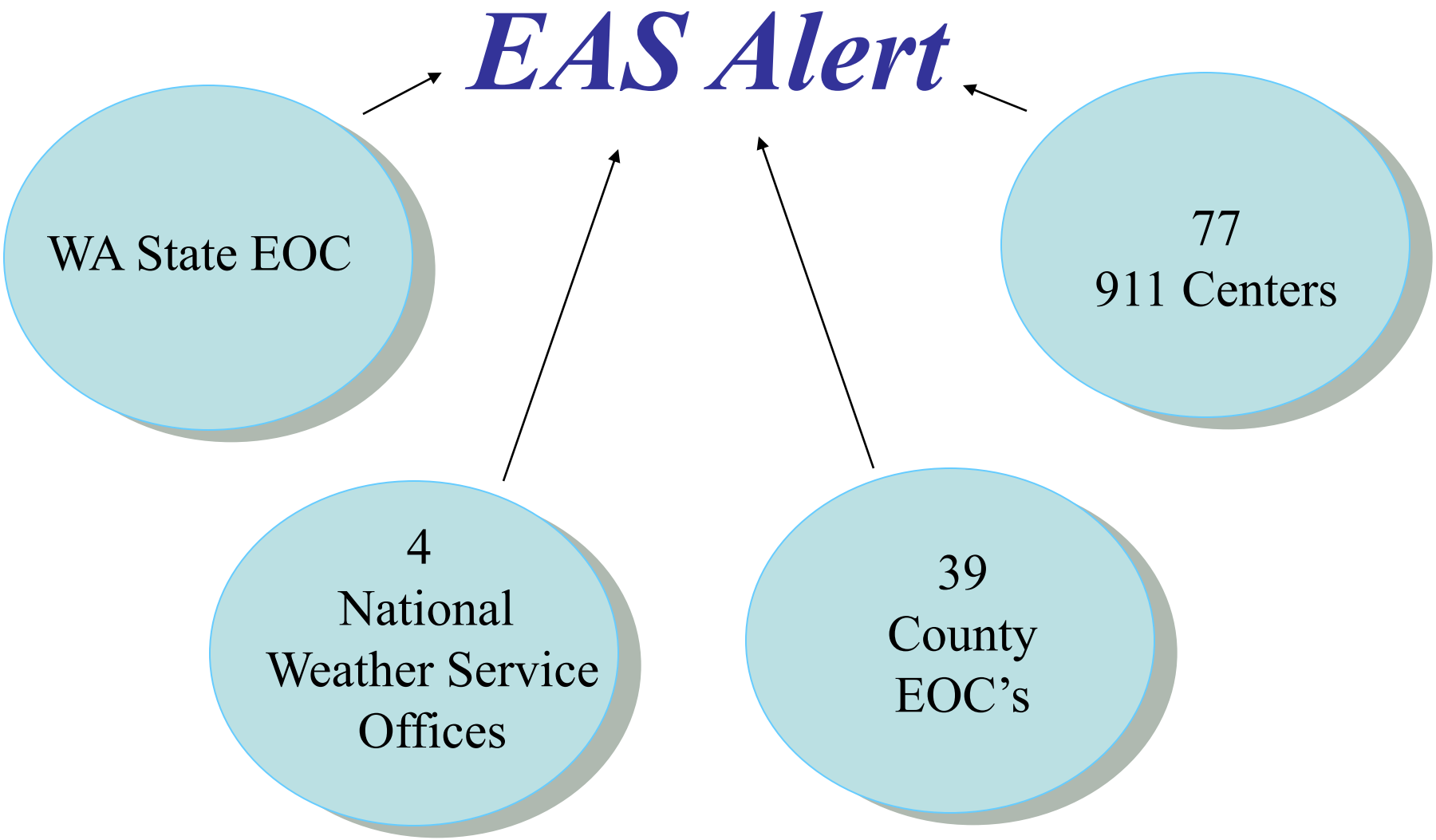
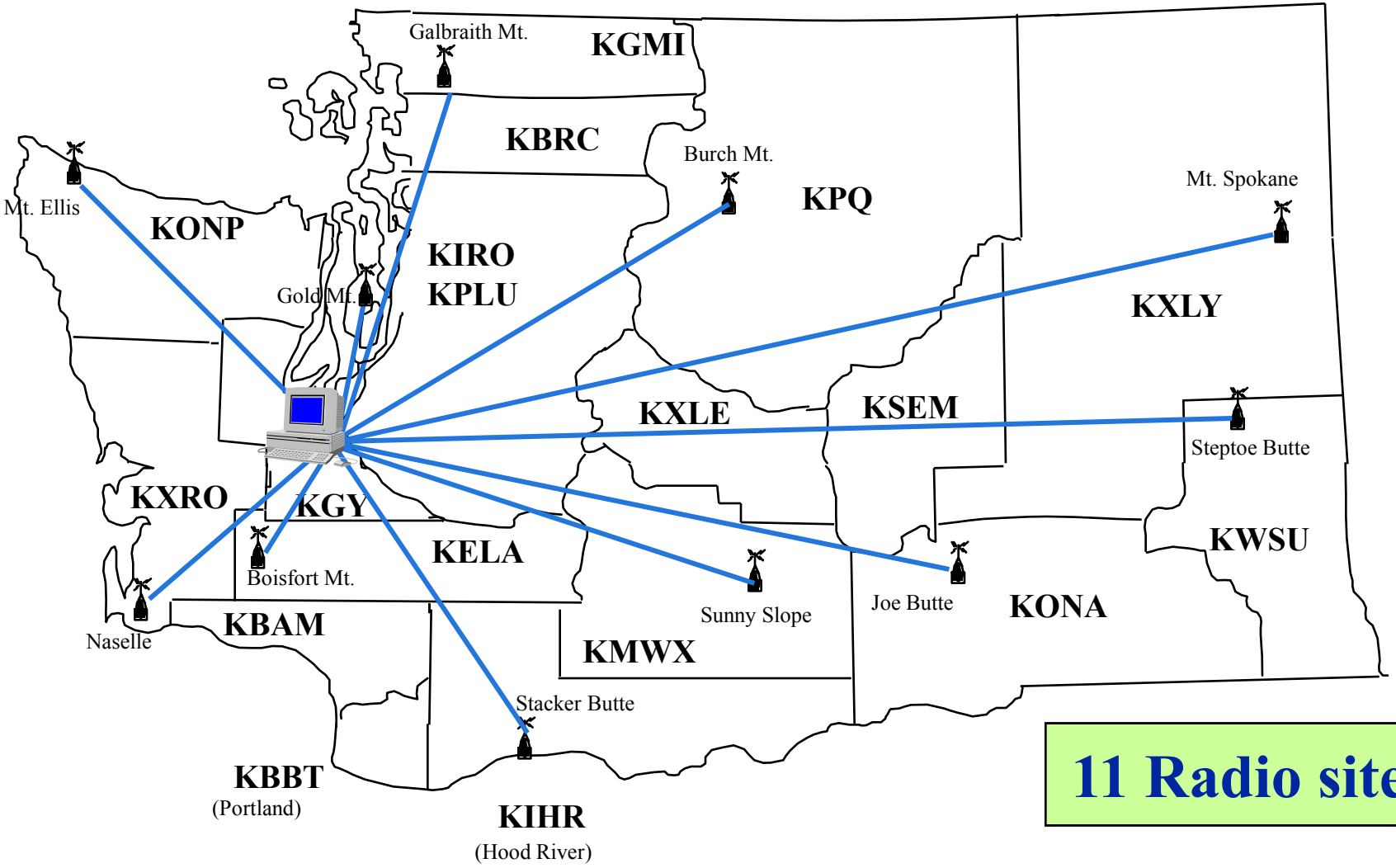
Emergency Alert System

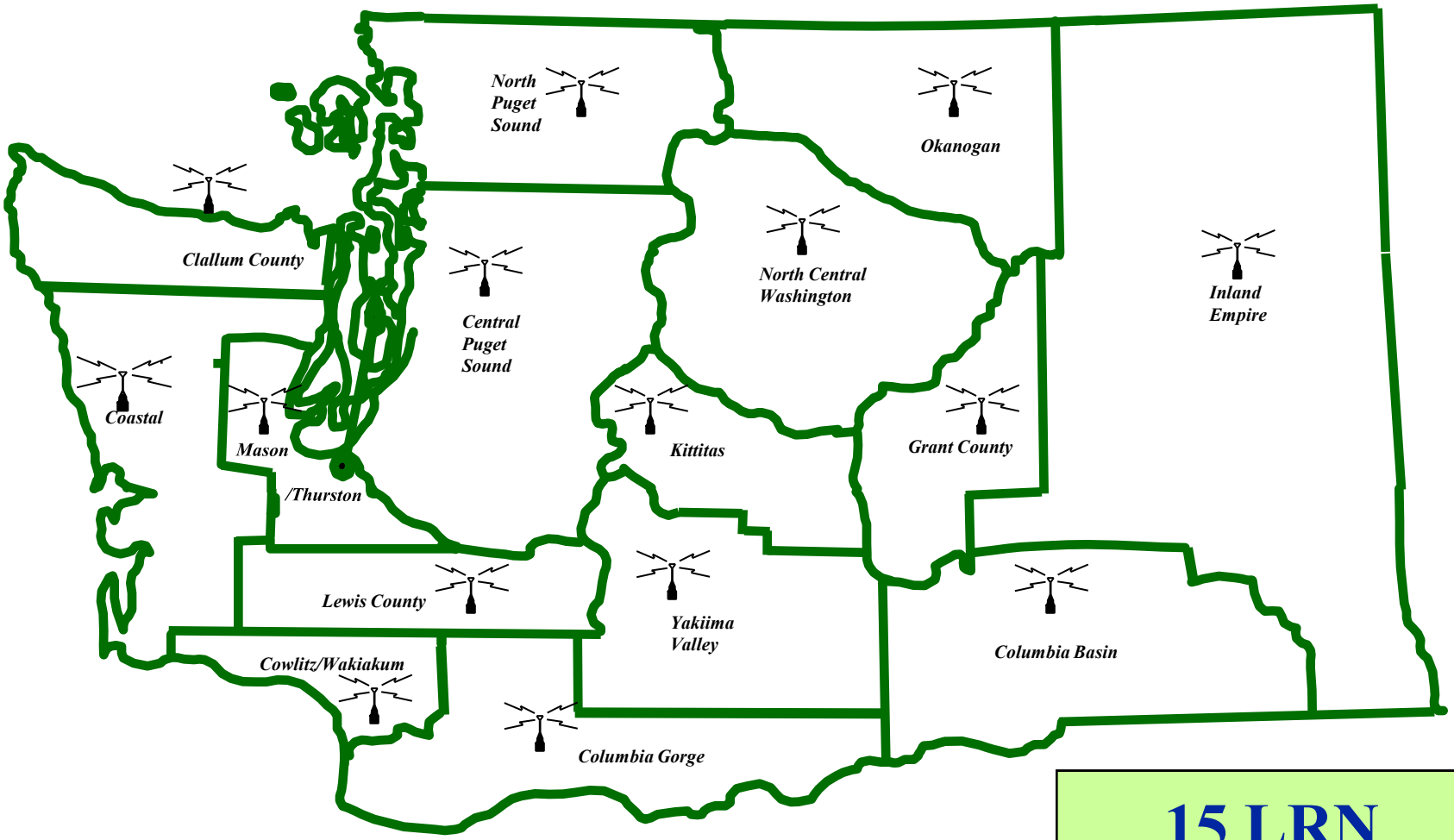


State Radio Network (SRN)



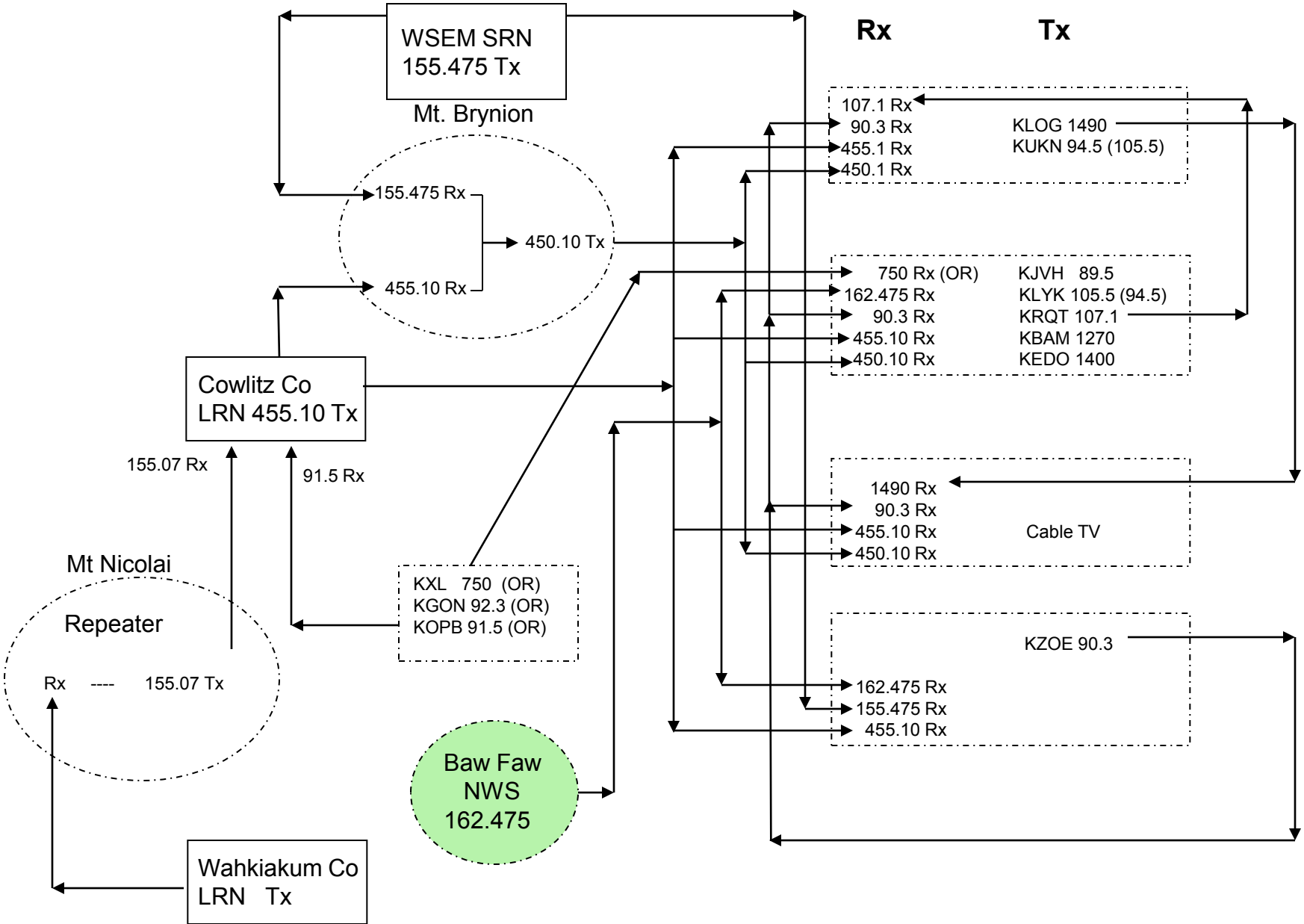
11 Radio sites

Local Area Emergency Communication Committees (LAECC)



15 LRN

Cowlitz and Wahkiakum EAS



CAP Timelines

1. 2003 - Board of Trustee for the Partnership for Public Warning (PPW)
2. 2004 - Pilot Project for FEMA
3. 2005 - CAP system operational and integrated with analog system.
4. 2007-2008 - 7 decoders in Eastern WA
5. 2010 - CAP system accessible by all local counties.
6. 2010 - 66+ CAP decoders are installed.

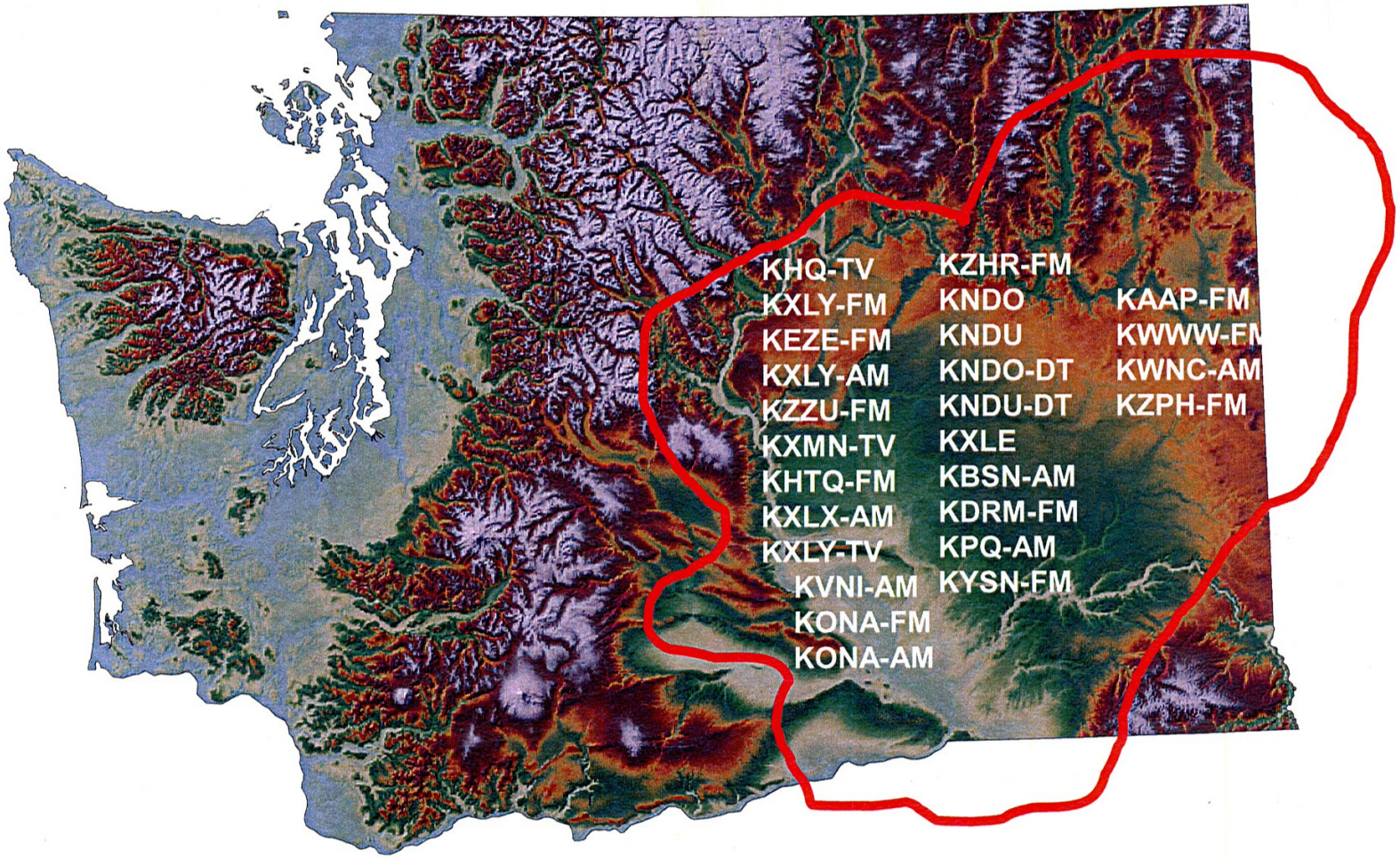
Migration to CAP

1. CAP monitoring by all LP1/2's and others.
2. CAP relaying is done by State EOC, LP1/2's and State College stations.
3. Analog monitoring of SRN+NWS+LRN is done by LP1/LP2's and other stations
4. CAP formatted alerts are sent to static IP's and posted on secure server network where most CAP stations poll for alerts.

MystateUSA Website

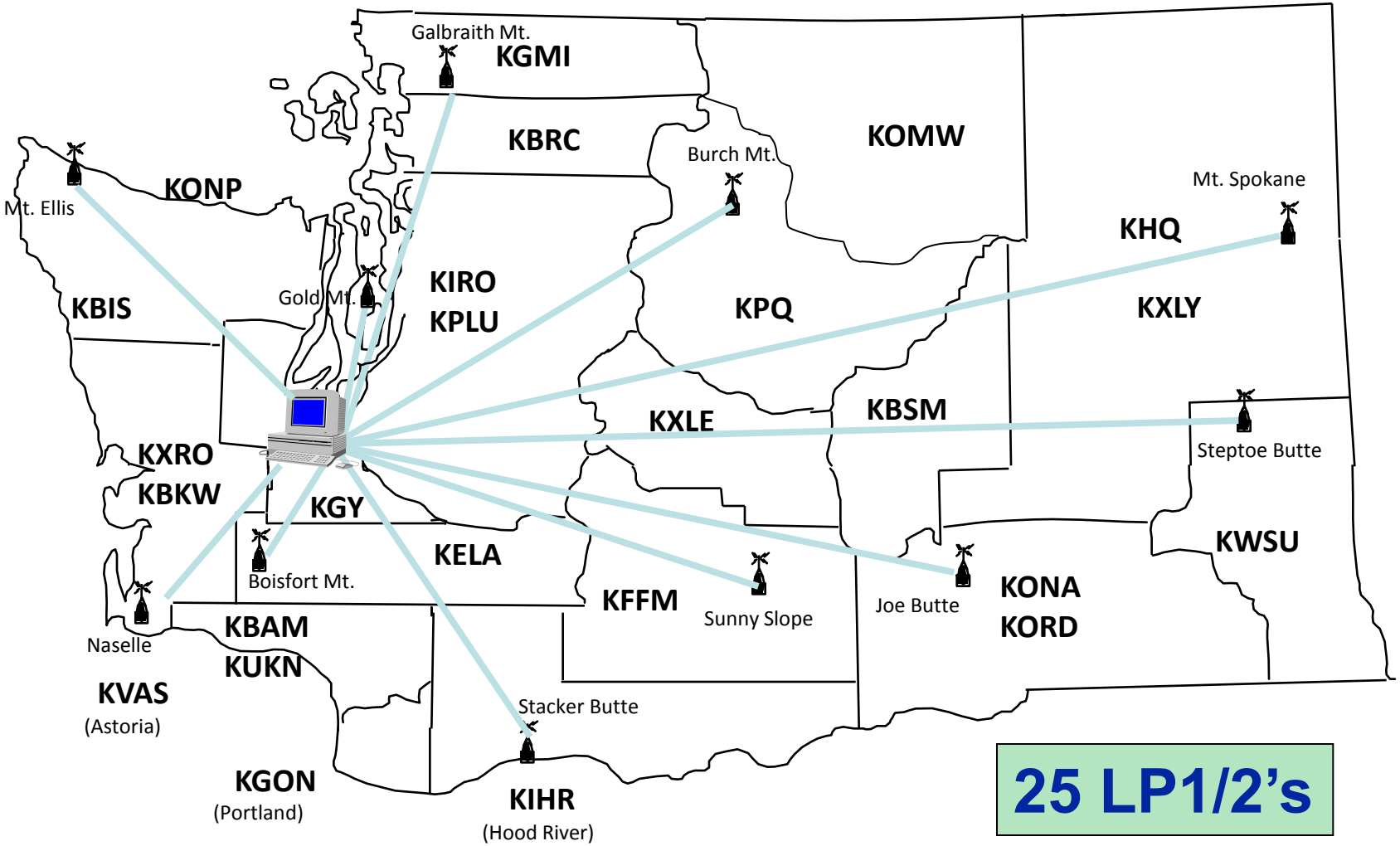
- Access provided to State and 39 counties.
- Secure site (https://mystateusa.com)
- Templates available
- Send EAS alert, email, text message, voice message at the same time.
- Notification System
- Enhanced Telephone Alerting
- Geographic targeting of alerts
- Cellular Messaging Alert System (future)

7 CAP units = 26 stations



2007-2008

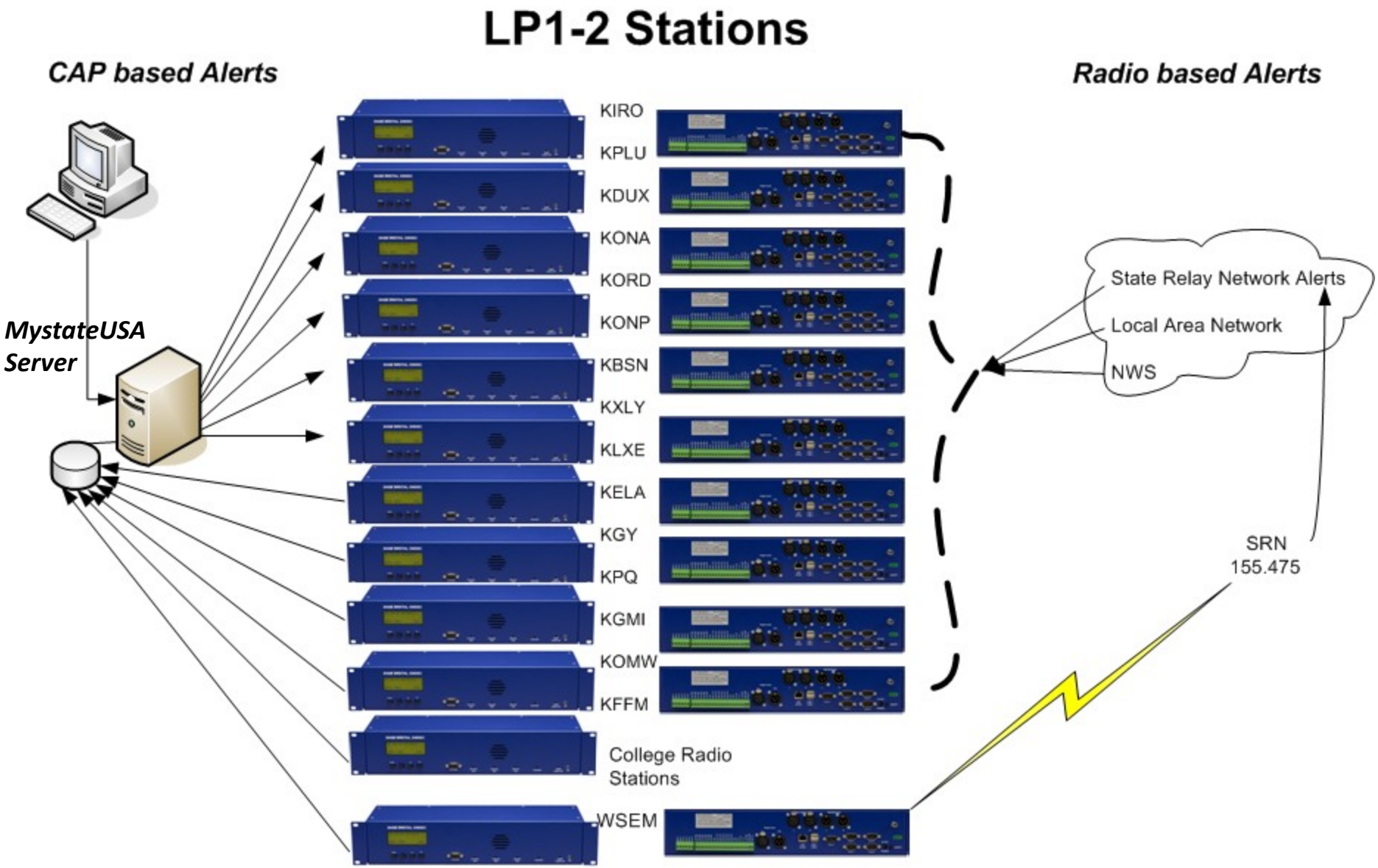
Washington CAP-EAS State Relay Network



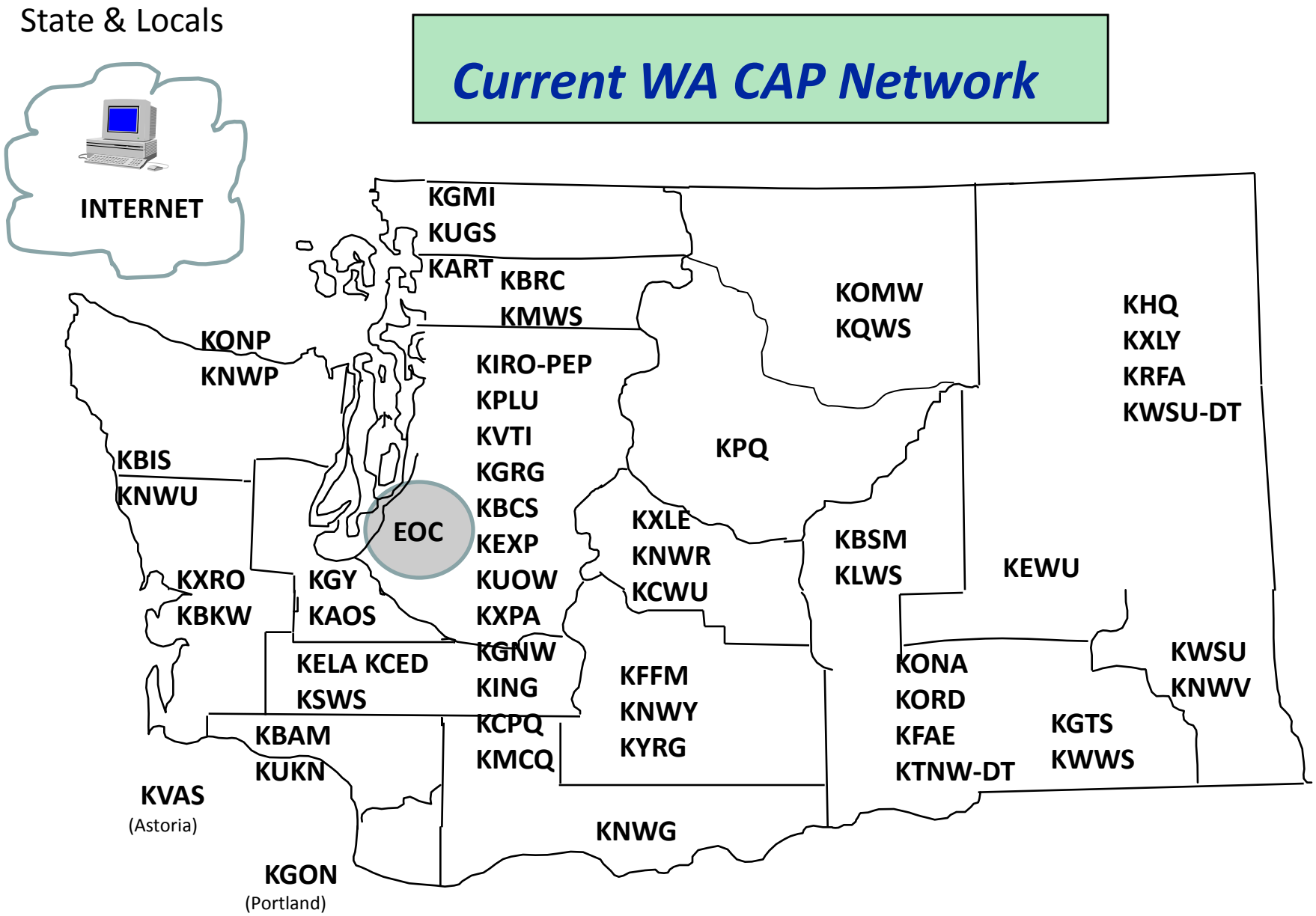
25 LP1/2's

2010

Migration to CAP using SRN network



Current WA CAP Network



Installed and operational CAP stations 2/22/11

Next Steps

- FCC makes CAP mandatory
  - FCC will also address making relaying warnings mandatory; Governor alert must carry, etc.
- NWS upgrades to CAP servers (Weather Alerts)
  - MystateUSA and NWS successful tested CAP interfaces in 2009
  - All broadcasters add another server to their CAP polling file.
- FEMA upgrades to CAP servers and upgrades PEP stations (National alerts)
  - All broadcasters add another server to their CAP polling
- Cellular Message Alert System (CMAS) integration

Questions ?

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