CAP Developments in Washington State

Don Miller

Telecommunications and Warning Systems Manager

Washington State Emergency Management

Washington State Disasters

Nisqually 6.8 Earthquake

o   MystateUSA.com & WSI Pilot Project

1. Compatible with Emergency Alert System (EAS).
2. CAP Compliant
3. Excellent Text-to-Voice conversion
4. Ability to pre-script alerts
5. Logging functions
6. Website posting
7. Compatible with HazCollect

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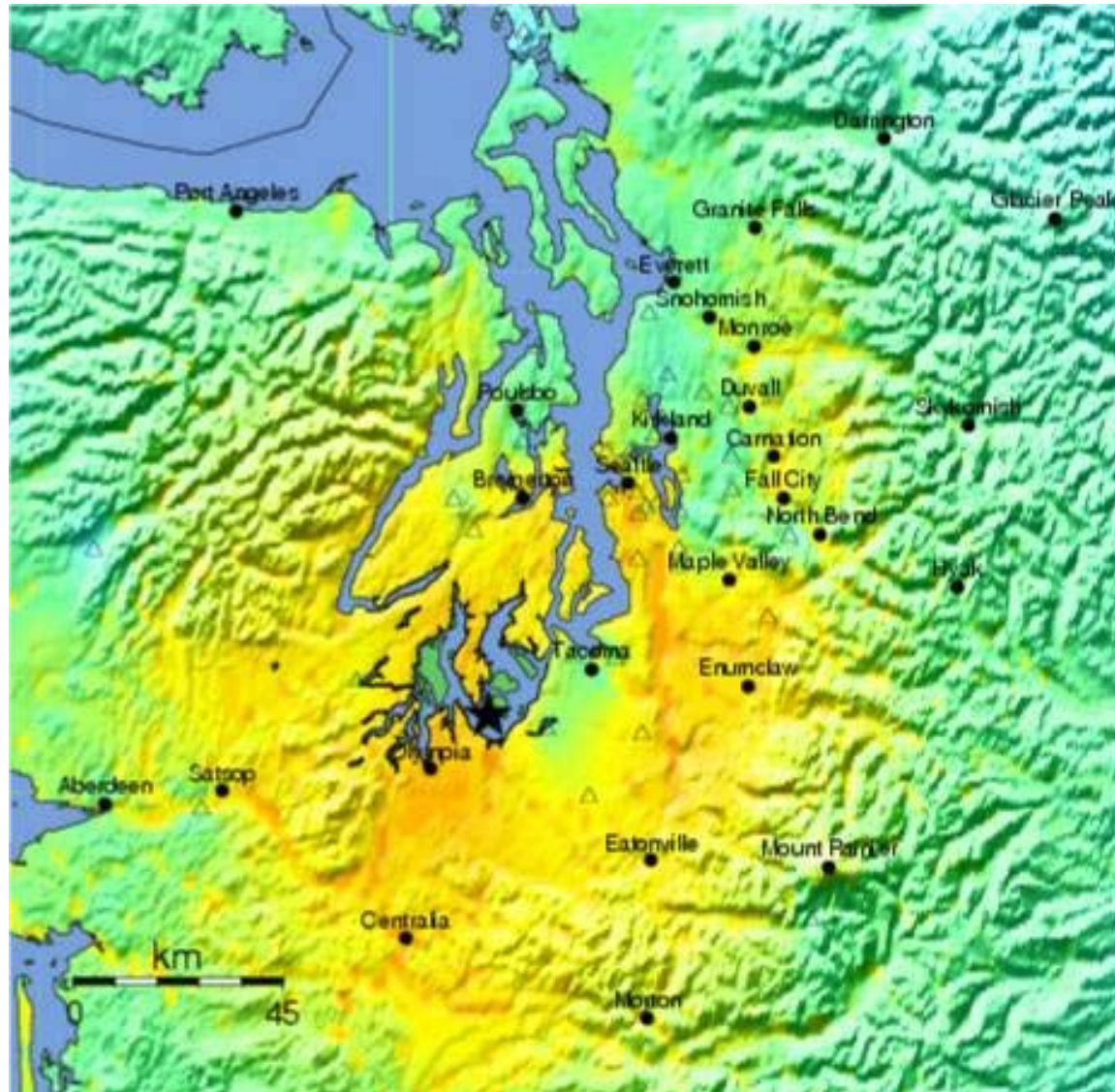Geneva, 19-20 October 2006

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CAP Developments in WA State

o **MystateUSA.com & WSI Pilot Project**

7. CAP messages to WSI interface devices at AM/FM and TV broadcast stations.

8. Opt-in feature for public alerts

9. Special Child Abduction alerting fields

10. Distribution of warnings via cell phones, telephones, email and other electronic media to prescribed groups.

11. Administrative and user access levels

12. Security via SSL

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CAP Developments in WA State

Pre-Scripted Alerts →

Emergency Alert System
Data Fields →

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CAP Developments in WA State

Additional
Common Alerting
Protocol Data
Fields

Save Pre-Scripted
& Current Alerts

CAP 1.1

Status: Test
Msg Type: Ack
Scope: Public
Severity: UNKNOWN
Urgency: UNKNOWN
Certainty: Unknown Certainty
Category: OTHER Events
Headline: Practice Demo
Description:
Area Description:
Polygon(s):
Web Address:

SAVE   SAVE AS   SEND ALERT   ABORT

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CAP Developments in WA State

Federal Signal Corporation CAP Project

Internet

The Local Alerting Network Server picks up the CAP Alert Message to be retrieved by a CAP Alert Client.

Common Alert Protocol (CAP) embedded into XML Document.

Local Alerting Network Server

The Federal Signal CAP Alert Software constantly polls the Alerting Network Server looking for Alert Messages.
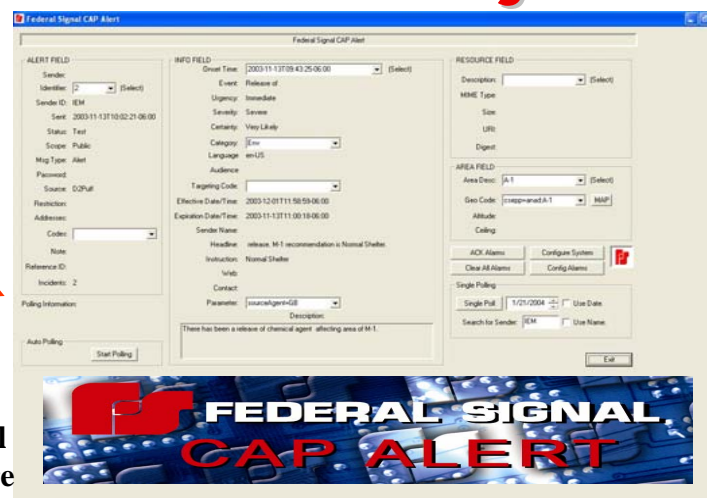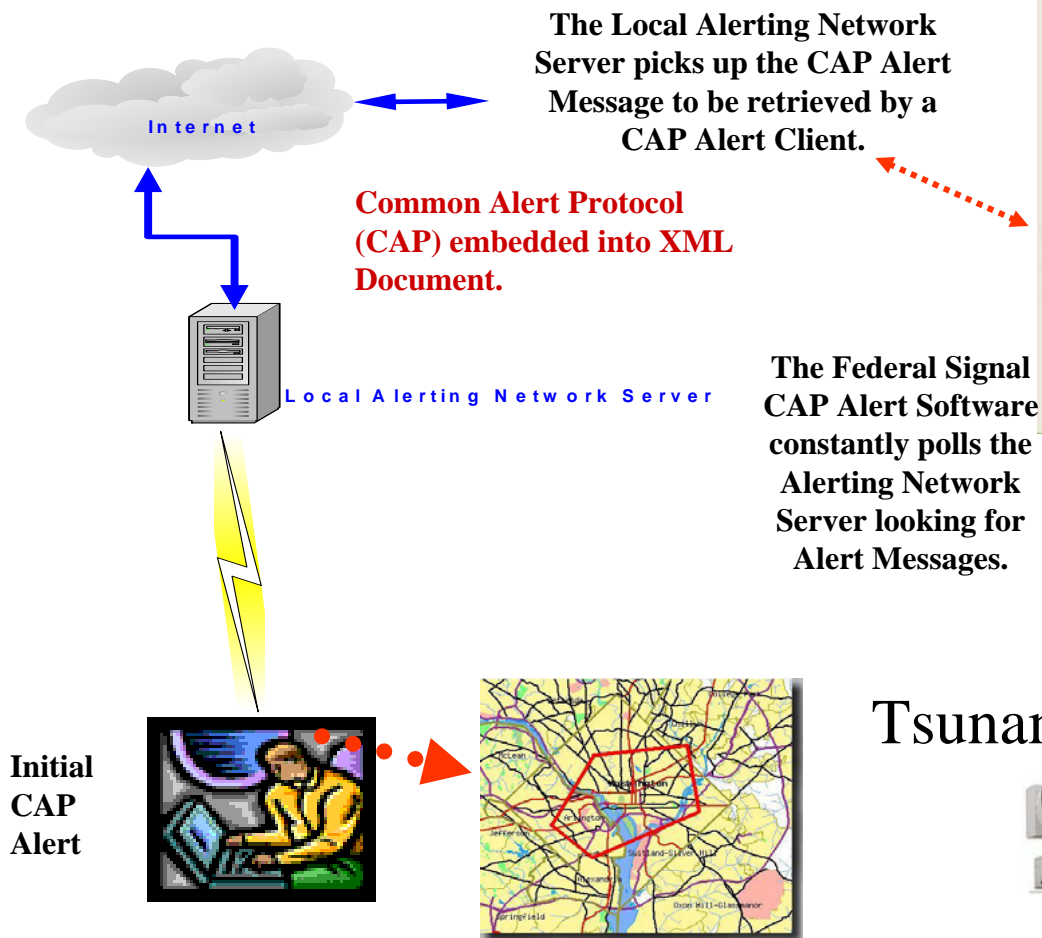
CAP Alert Database

SFCDWARE Software

Tsunami Sirens

Initial CAP Alert
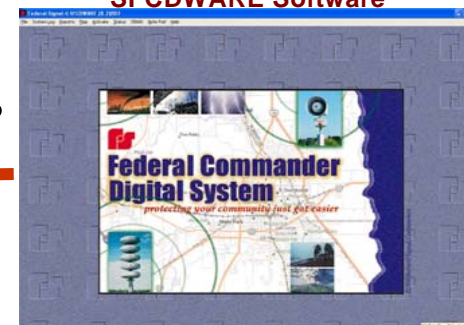
HazCollect
Putting CAP to Work

o **All-Haz**ards Emergency Message **Collect**ion System

o Developed by NWS in partnership with DHS Office for Interoperability and Compatibility

o Emergency Manager authors CAP-compliant Non-Weather Emergency Message

o Message sent to HazCollect for automatic distribution through NWS Dissemination Systems

o Significantly faster than current process

Local EM Tools

HAZ *Collect*
speeding emergency messages to the public

The Public

HazCollect

o Status

- Completing Operational Acceptance Testing
- Expect late 2006 release
- Interface specification to DHS Open Platform for Emergency Networks (OPEN) in testing

o Current Challenges

- Commercial vendor developments, GUI, OPEN, private distribution networks and vendor added features
- Policies for access to warning COGS
- Legal Issues

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ITU-T

Questions ?

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