

APCO International

Emerging Technology Forum

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Overview

- Indoor Location Accuracy for 911
- Non-service Initialized Phones
- Wireless Alerting
- Public Safety Spectrum
- Cybersecurity

911 Location Accuracy



- Fourth Report and Order (Jan. 2015)
 - Draws from voluntary agreements from the four nationwide providers and CCA, but also includes important backstop measures:
 - Vertical requirements
 - Progress report requirements
 - Certification and use requirements
- Challenges ahead
 - Establishing the test bed
 - Implementation of dispatchable location
 - 911 apps

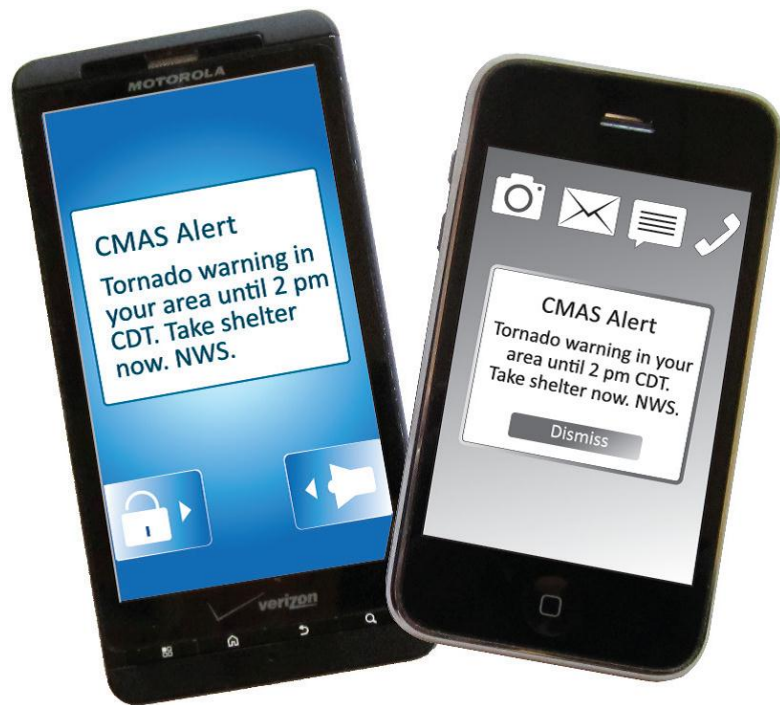


Non-service Initialized Phones

- FCC rules require that CMRS providers forward all 911 calls to PSAPs, including calls from non-service initialized (NSI) devices
- NSI devices now the greatest source of fraudulent 911 calls, and stakeholders no longer support what was once a well-intentioned rule
- NPRM on circulation seeking comment on whether to sunset this rule



Wireless Alerting



- Convergence of wireless alerting platforms
 - Emergency Alert System
 - Wireless Emergency Alerts
 - iPAWS
- Empower PSAPs to generate alerts:
- Missing Kids Readiness Project as a model
- Evolve Alerting to a “two way service”
- “One to many” AND “many back to one”
- Ensuring the security and reliability of alerting systems

Public Safety Spectrum



- FirstNet
- 700 MHz
- 800 MHz
- 4.9 GHz

Cybersecurity

- Increasingly important in light of technology transition
 - “Sunny day outages”
 - ESInets
- Engagement with private sector and other cyber-capable government entities
- Team effort

