



# International Wireless Communications Expo

Next Generation 9-1-1

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# Agenda

- NG9-1-1 Notice of Inquiry (NOI)
- Potential Capabilities
- Network Architecture
- Specialized NG9-1-1 Applications
- Implementation and Transition Issues
- Jurisdiction, Authority and Regulatory Roles
- Additional Recommendations in the National Broadband Plan (NBP)



# NG9-1-1 Notice of Inquiry

- On Dec. 21<sup>st</sup>, the FCC adopted a NOI in which the Commission seeks comment on a number of issues related to NG9-1-1, including:
  - The capabilities that NG9-1-1 will support;
  - The NG9-1-1 network architecture;
  - Issues associated with the implementation and transition to NG9-1-1; and
  - The proper roles of the FCC, other federal agencies, and state, Tribal, and local governments.
- The NOI stems from a recommendation in the FCC's National Broadband Plan.



# Potential Capabilities

- Message-Based Text (i.e., SMS and IM Sessions)
- Real-Time Text
- Photos
- Video
- Telemetry



# Network Architecture

- Transport Mechanisms
- NG9-1-1 Participants
- Interoperability and Standards
- Public Safety Answering Points (PSAP) Functions



# Specialized NG9-1-1 Applications

- Device-Initiated Services
- Social Media
- N11 Numbers
- Auxiliary Data
- Disaster Planning and Recovery
- MLTS/PBX Services



# Implementation and Transition Issues

- Disparate PSAP Capabilities
- 9-1-1 Competition
- Liability, Confidentiality and Privacy Concerns
- Network and Data Security Concerns
- Education



# Jurisdiction, Authority and Regulatory Roles

- Ability of States to Coordinate the Transition to NG9-1-1
- FCC Jurisdiction
- FCC Coordination with other Federal Agencies



# Additional Recommendations in the NBP

- The National Highway Traffic Safety Administration (NHTSA) should direct a report that analyzes the costs of deploying a NG9-1-1 system on a nationwide basis
  - NHTSA is working on developing the costs and scope of preparing a Request for Proposal to undertake this study
- Congress should establish a federal regulatory framework for the development of NG9-1-1 and the transition from legacy 9-1-1 to NG9-1-1 networks over time





Thank You!

Questions?

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