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APCO Broadband Summit NEXT GENERATION 911

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FCC Report to Congress

- Incentives for states to become early adopters of NG911
 - Technology, operational and economic feasibility
 - Policy and political considerations
- Development of location technology to support NG911
 - Role of GIS in supporting NG9-1-1
- Elimination of state legacy regulations that are impeding NG911 deployment
 - IT centric and standards-based

Coordination with FirstNet

- Although 9-1-1 and FirstNet have different missions, an ongoing process of collaboration is essential
- State 911 Coordinators and FirstNet State/Territory SPOC need to know each other
 - Ensure critical information and data are transmitted successfully from the 911 caller and on to emergency responders
- National 9-1-1 Office
 - Brings 911 issues to the table at every opportunity, but most of the action will happen at the state and local level
- NASNA has a member on the PSAC

Transition to IP Technology

- Networks and systems
 - Transitioning from stand-alone or closed networks to systems that support emergency communication
 - Isolationist mentality to an ecosystem

Transition to IP Technology

- Request for service
 - Legacy 911 call is limited to 512 characters with Automatic Location Information (ALI) function
 - IP will enable self-determination, which has the potential to be limitless
 - Manage through planning and need
 - Narrow focus will be essential with NG911

Transition to IP Technology

- Response
 - Limited ability to assess situation within current structured environment
 - IP brings the potential for seamless adjustments and adaptability
 - Information broker

Transition to IP Technology

- Operational support
 - Truncated v. holistic
 - Focus will shift from discipline silos to ecosystem
 - Different skill set will be needed for the future
- Technical support
 - Telco focused v. IT centric
 - Cybersecurity
 - Metrics

Further Information

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Q & A



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