



Alabama Next Generation 9-1-1

July 29, 2013

Presenters

- **Roger Wilson**
 - Alabama Wireless Board Chairman, Walker County
- **Bill Brodeur**
 - Alabama Wireless Board Treasurer and Secretary, Etowah County
- **Jason Jackson**
 - State 9-1-1 Board Executive Director, Elmore County
- **Greg Rogers**
 - Bandwidth Legal Counsel
- **Jason Shugart**
 - Bandwidth Solutions Planning Director

Project Background

- **Initiated by the Alabama Wireless Board**
- **RFP awarded to Bandwidth to be the new routing provider**
- **Project Goals**
 - Create a statewide IP network for handling 9-1-1 calls
 - Implement a full IP call routing infrastructure
 - Evolve to be a fully NG 9-1-1 solution

Project Background

- **Existing IP Network from Alabama Supercomputer Authority**
- **Start the transition with the wireless carriers**
- **Phase 1**
 - Move wireless carrier trunking to new routing facilities
 - Deliver to existing selective routers
 - Aggregate trunking to minimize unused trunks
- **Phase 2**
 - Intelligently transition traffic to utilize IP network to PSAP
- **Phase 3**
 - Bring on wireline and VoIP carriers
- **Phase 4**
 - Implement NG 9-1-1 components

Wireless Carrier Status

- **Seven wireless carriers operate in Alabama**
- **Notice sent July 2, 2012 of intent to go live November 1, 2012**
- **Current Status**
 - T-Mobile – Actively testing since May 2013
 - AT&T Mobility – Waiting on an internal diversity study
 - Verizon – Waiting on circuits, locating possible circuits
 - Sprint – Waiting on circuits, due August 9
 - SouthernLINC – Waiting on reorders
 - C-Spire – Waiting for initial orders to be placed
 - Pine Belt – Discussing special circumstances

Challenges

- **Multiple reasons for order delays**
 - New service provider
 - Aggregated trunking
 - Cumbersome and complex ordering processes
 - Lack of dedicated testing facilities
- **Delays cost the state of Alabama money**
- **Alabama has little regulatory control over the wireless carriers**
- **Carriers are not ready to deliver 9-1-1 over SIP**

Requests and Recommendations

- **Help the wireless carriers to improve their timeliness**
- **Establish a timeline for NG 9-1-1 projects**
- **Encourage movement of 9-1-1 to IP**