



Regional Advisory Council Meeting

November 02, 2017

Virtual Exchange





Agenda

1. Welcome
2. Approve Minutes from Oct 3rd Call
3. Statewide NG9-1-1 Solutions Provider
4. Priorities and Tasks
5. Updates/Reminders
6. Public Comment
7. Adjourn



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Statewide NG9-1-1 Solutions Provider





Summary

- At the September Board meeting, ISP staff advised the Board of the following:
 - Leaning towards using the Fairfax contract as a solution for a NG9-1-1 service provider
 - Not recommending an RFP for several reasons
- No action taken by the Board, but members had a number of questions and requested additional information

AT&T/West Deployments

- States in which AT&T and/or West have deployed ESInet and NGCS

Connecticut	Tennessee	Florida	Kansas
South Carolina	North Carolina	Virginia	Louisiana
Nevada	Hawaii	Delaware	Minnesota
Arizona	Utah	North Dakota	Washington

- Extensive experience working with carriers of varying sizes



Migration Path for West Customers

- PSAPs with a direct Contract with West for A911 service
 - No additional cost to Migrate to AT&T ESInet
 - No penalty for ending contract early
 - Must sign a participation agreement with AT&T
- PSAPs that are served by West Hosted Call Handling
 - Require additional development



Fairfax Contract Award Criteria

- Fairfax County provided a one-page summary that provided award considerations based on capability and advantage
 - Includes procurement selection factors and weighting



Interconnection

- Process for other solution providers to utilize in order to interconnect with AT&T network:
 - Choosing a solution provider other than AT&T (opting-out) is a real option for PSAPs
 - ESI-net must provide same functionality identified in Fairfax contract



Interconnection

- AT&T has provided an ESI-net to ESI-net Interconnection Specification document:
 - Specifies the messages and interaction scenarios for delivery and handling of voice-based emergency calls within a NENA i3 deployment model
 - To support interoperability with legacy originating networks, the NENA i3 architecture defines a Legacy Network Gateway (LNG) function



Interconnection

- Fairfax County has provided an interoperable definition
 - Summary of requirements for an Opt-out ESI-net solution to be considered interoperable with the Fairfax County NG9-1-1 ESI-net
- Still need to know all charges that AT&T or its partners would charge a carrier to interconnect to or provide calls through the proposed solution



AT&T Deployment Strategies

- Option 1
 - Transition PSAPs by selective router pair
 - Mated selective routers must be done together
- Option 2
 - Transition PSAPs by population
- Option 3
 - Transition PSAPs by large population centers then fill in with the rest



Special Construction Costs

- Local access diversity
- Requested these costs from AT&T for 112 PSAPs not included in the Fairfax contract
- Still waiting on costs for a few PSAPs
- Local access diversity not available for all PSAPs and will need to address
- Amounts vary greatly
- Attempt to reduce costs with consolidated billing



GIS Data Prep Work

- NG9-1-1 Transitional Data Management
- GeoMSAG Replacement Service
- GIS Routing Accuracy Report



Initial Pricing

- NG9-1-1 Transition estimated at \$69M over a five-year period
- Special Construction Costs \$19,484,387
- Year 1 non-recurring costs \$448,000
- Year 1 recurring costs \$10,749,443
- Total 5 Years \$54,195,215



Next Steps

- General plan for NG9-1-1 solutions provider to be completed in November
- Update Board on results of research at next meeting
- Socialize the plan throughout December
- Most likely Board would vote on plan at January meeting
- Work with PSAPs on specific NG9-1-1 readiness and deployment plans



Other Items

- ISP staff to develop Gantt chart that provides more detail on previous items
- Continue legislative negotiations until 2018 GA session begins
- Develop 2020 NG9-1-1 funding guidelines
 - PSAP Grant Committee meeting on Dec 7th



Priorities & Tasks





Update on Project Plans

- Standards Development Process
- Communications Plan and Clearinghouse
- COOP Template
- Support Staff Development Criteria
- GIS Technology
- PSAP NG9-1-1 Implementation Plans



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Updates/Reminders





Public Comment





Wrap -Up

- Next RAC conference call is Nov 14th
- Anything else for the good of the order?