



Dakota 9-1-1 Conference South Dakota NG9-1-1 Update

September 18, 2014

Shawnie Rechtenbaugh, SD State 911 Coordinator

Sara Weston, Project Manager, L.R. Kimball



Agenda

- Introduction of Kimball team
- Update on the past year's activities
- Current status of the project
- Next steps



L.R. Kimball Team for South Dakota

- Sara Weston, PMP, ENP – Project Manager
- RD Porter, ENP – Technical Specialist
- Marshall Sherer, ENP – Technical Specialist
- Scott Strom, PMP – GIS Specialist



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Past Year's Activities

- South Dakota State 9-1-1 Master Plan
- NG9-1-1 RFP Process
- GIS RFP Process
- Vendor Selection Process



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Project Status

- Contract negotiations
- Drafting the contracts
- Sign contracts and release information



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Next Steps: Pre-deployment Data Collection and PSAP Visits

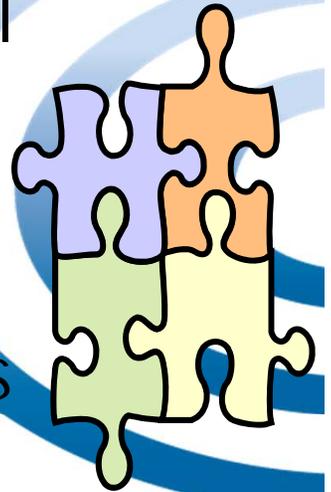
- What should you expect?
 - Letter from Shawnie setting up PSAP visit time
 - Data Collection sheet from Kimball
 - A PSAP visit from Kimball
- We'll be asking high-level questions regarding your operational and physical environment
 - By collecting this information up front, we will expedite the installation and deployment process



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GIS and NG9-1-1

- GIS data used for call routing
 - Accuracy of data will determine correct routing of call
 - Taking the place of the selective router database to get the call to the correct PSAP
- GIS road centerlines, address points and jurisdictional boundaries all become focus of emergency routing databases
- Receives location (civic address or coordinate) and its determines where to forward call (next hop)



GIS Information Collection (Phase 1)

- Data Collection - Vendor will be working with local PSAPs
- First step will be data remediation and aggregation
 - Vendor will perform a gap analysis to determine what is missing or needs to be updated
- PSAP involvement – Vendor will request available GIS data from the local entities (typical 9-1-1 public safety data – centerlines, PSAP boundaries, Fire, Police, EMS, political boundaries, etc.)
 - Vendor will provide a means for PSAPs to upload data through a GIS maintenance portal



GIS Information Collection (Phase 2)

- Long term GIS data maintenance
 - GIS Web Portal
- Ultimate goals:
 - Local GIS data aggregated and maintained in a statewide dataset
 - There will be ongoing maintenance whenever changes occur at the local level
 - Local entities will maintain control of data
 - Locals will update the data and will upload the data through the web portal to the statewide data set



CPE Transition Process

- Vendor deploys the new CPE equipment
- First 6 -12 will be connected to the legacy network (new CPE equipment)
 - Training will be provided by the vendor
- Disposition of current CPE equipment
 - PSAPs will decide what to do with it
- Day of cutover, PSAP manager will sign off on new equipment



Network Transition Process

- Network migration
 - Vendor will migrate the PSAP CPE technology off of the legacy network, onto the new ESInet
 - PSAP will run checks to assure everything is functioning correctly on the ESInet
- PSAP management will be involved every step of the way



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NG9-1-1 Transition

CPE equipment migration ESInet migration
GIS aggregation

MSAG / ALI database ?

- As the transition onto the ESInet occurs and the GIS data is aggregated, the MSAG /ALI database will be transitioned to the ESInet vendor
- Once the NG9-1-1 transition is complete, the MSAG will no longer exist. Routing will be done by the GIS database



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QUESTIONS AND ANSWERS



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