



WHERE FIRSTNET IS TODAY?

- Contract awarded to ATT for the national system in March of 2016
- ATT will leverage existing commercial system and build additional sites
- Service is being offered to a wide range of responders & support staff
- Qualified, registered users will have priority service + pre-emption
- An additional 38 sites will be built in SD, directly tied to this program

SHOULD I SUBSCRIBE TO FIRSTNET?

- If you are an existing ATT customer, you may get better rates and you will get priority and pre-emption. Worth considering.
- If you are NOT an existing ATT customer, test, test, test before considering any change in service. Make a change based upon service not pricing.
- Verizon does offer a similar service, but eventually there will be application compatibility issues between ATT & other carriers. Also some questions on their product that need to be clarified, such as throttling.

WHAT IS THE CATCH?

- Outside of priority and pre-emption, it is just a cellular carrier now.
- Someone in each agency will need to maintain a qualified user list.
- This system will not replace your radio system. There will be some interfaces that will bridge the two systems, but not replace.
- Common apps will be required to create any inter-agency interoperability. Problem? Not many out there for these users. Need to start thinking about how your agencies can leverage technology to be more effective.
- Policies on personal devices, use for evidentiary purposes?

WHAT THE STATE ROLE IS FROM HERE ON?

- We are not here to promote FirstNet to our user base.
- Our focus now is to establish standards and look for applications that can promote efficiency through wireless services in the First Responder world.
- We are here to monitor the buildout progress and ensure that commitments made during the procurement process are honored. We are not the hammer but work with those that do carry it.

NEED MORE INFORMATION?

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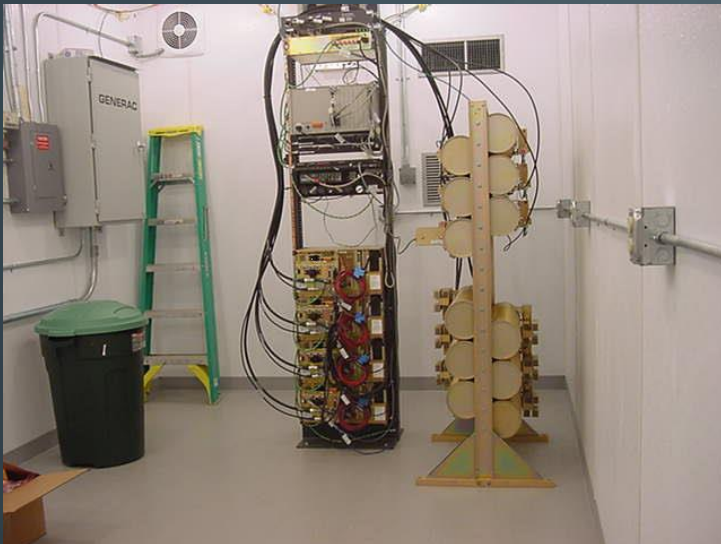
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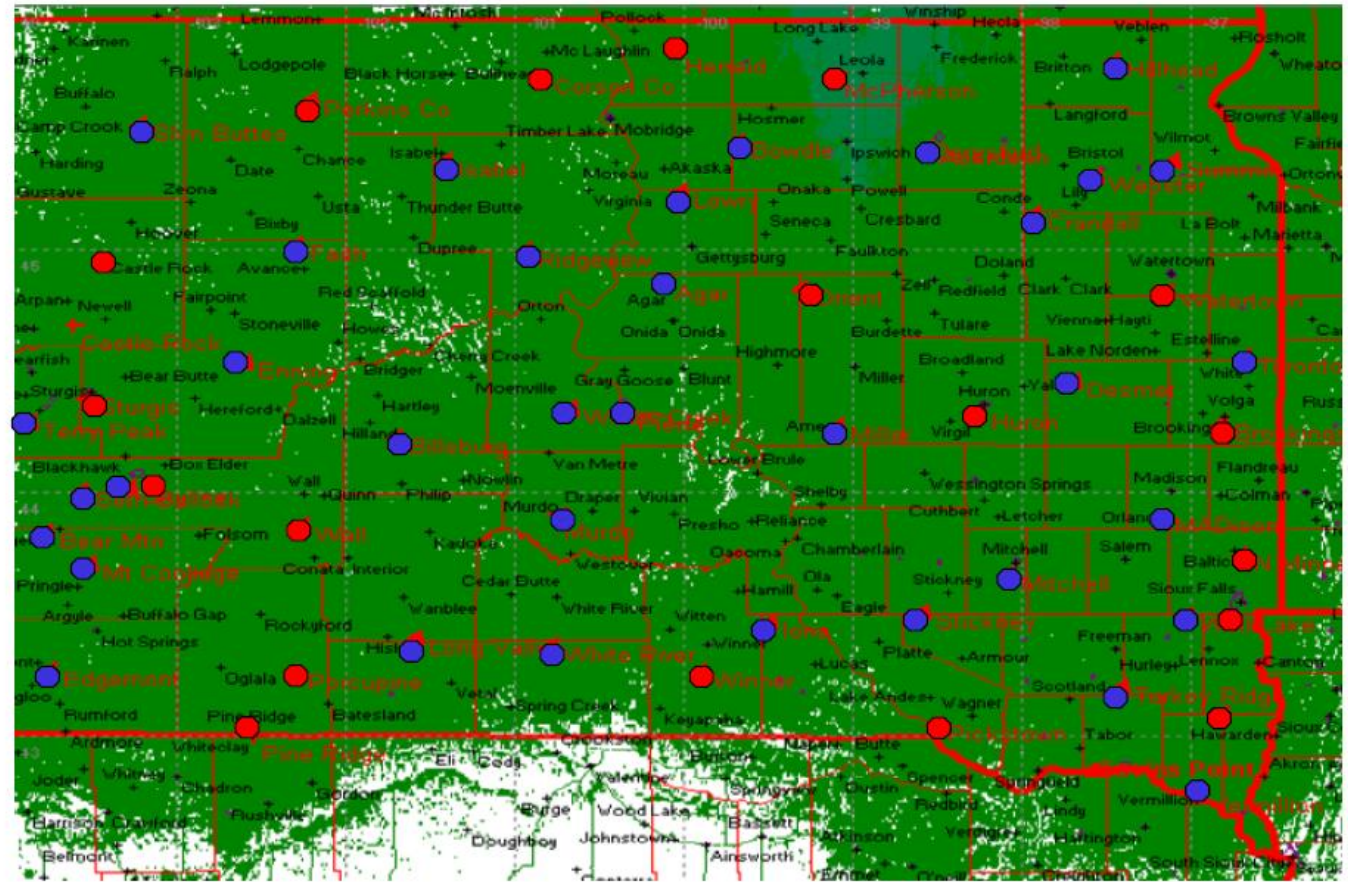
STATEWIDE RADIO NETWORK

CURRENT RADIO SYSTEM

- On line for public safety in 2003.
- Currently around 20,000 radios on system, 66% are locally owned.
- 57 sites across the state.
- Operating System will be completely out of support between 2023 and 2025.
- Most system hardware has been updated over the past 6 years.
- Radios and some system components will need updating/replacement.
- Around 12 identified areas of the state that are underserved.



State Radio Sites



- Original 35 sites, 85% geographic coverage
- Additional 22 sites, appx. 98% geographic coverage.

TO MAINTAIN THE CURRENT SYSTEM

- All radios need to have either an updated operating system or be replaced by 2023.
- Each site will need to have the operating system updated by 2023.

SUSTAINING THE SYSTEM

- Current operating budget is \$3,427,959
- Averaged cost per subscriber radio on network = \$171
- Averaged cost per site = \$60,140
- Averaged cost per citizen = \$4

WHAT IS NOT IN THE BUDGET?

- Any expansion costs, a totally new site can run around \$500,000.
- Any tower replacement costs, some SRC towers date to the 60's, \$100-150,000 ea.
- Any future technology/equipment updates.
- Any operating expenses for additional sites, \$10,000 - \$20,000 annually.
- The system upgrade slated for 2023, currently at \$9,241,839.

LOOKING AHEAD

In order to maintain a sustainable system & level out budget:

1. \$1,010,922 in Administrative (personal services, office space, travel, etc.)
2. \$3,435,138 in operating budget (needs to be revolving funds).

This Budget will provide:

- Operating expenses for network.
- Support/upgrade plan that will level out future budget requests.
- Add one site/year + operating expenses
- Upgrade system in 2023.
- Replace 1 obsolete tower per year.

PROPOSED FUNDING PLAN

1. Maintain \$1,010,922 in annual general fund request.
2. Request a .37 - .43 surcharge on telephone lines/devices in state that would generate the \$3,435,138 into a revolving account for all operating expenses.
 - Year 2 would allow a reversion of appx.\$2m general funds for other programs.
 - Compile enough in the account to cover the 2023 system upgrade.
 - Provide an organized path ahead for improved coverage.
 - Reduce liability potential of failing towers.
 - Ensure a stable communications platform for the future.

The image features a dark blue background with white, stylized circuit board traces in the corners. These traces consist of straight lines and right-angle turns, ending in small circles that represent components or connection points. The traces are located in the top-left, top-right, bottom-left, and bottom-right corners, framing the central text.

QUESTIONS?