

Statewide Interoperable Radio Network

The ability to communicate is critical in an emergency. For years, state, local and tribal emergency responders have faced hurdles with interoperability and the ability to coordinate and communicate across different jurisdictions.

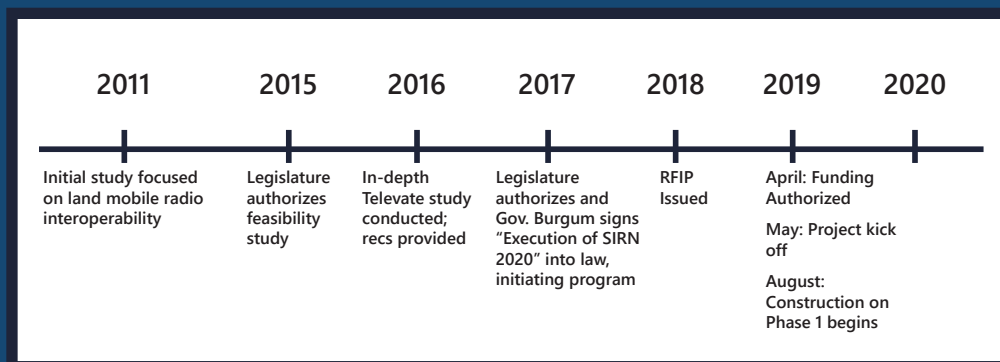
Challenges

Surveys conducted in recent years uncovered a significant need for a statewide interoperable radio network to overcome challenges including:

- Lack of Coverage and interference issues;
- “End of Support” for 40% of communications equipment in 2018-2020
- Dozens of fragmented systems and lack of features required by the public safety community;
- Cumbersome Interoperability including unreliable “in building” service;
- Limited communication capabilities between jurisdictions & disciplines.

Investing In Safety

The North Dakota Legislature authorized the funding for SIRON in April 2019 with a \$120 million investment, taking an important step to modernize this critical infrastructure. The reality is, no single ND entity could construct, operate and maintain a statewide communications system with the coverage, capacity, capabilities and redundancy of SIRON.



Benefits

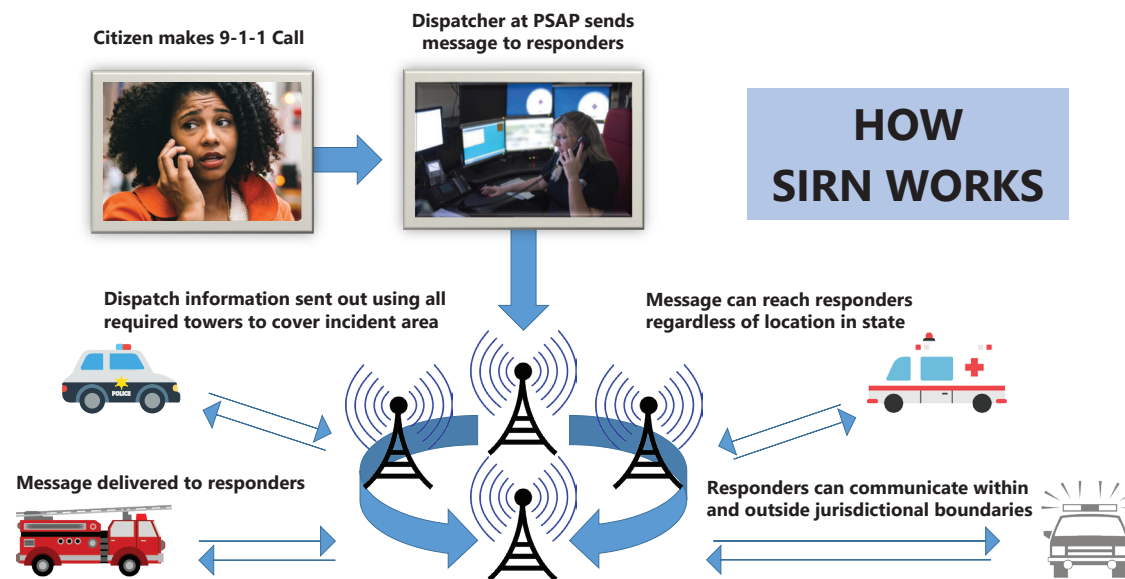
Key benefits include:

- 139 total cell tower sites, include 45 Department of Transportation radio towers and 95 leased towers, which will reduce congestion and enable better in-building penetration.
- Open spectrum means there will be no channel scarcity, which will lessen interference and eliminate VHF skip.
- Compliant with federal standards and FBI security policy that requires ALL communication of FBI criminal justice information to be encrypted (e.g. warrants, missing persons, wants & any information obtained from NCIC.)
- The ability to communicate with any public safety personnel, anywhere in the state.
- Consistent, predictable coverage will result in greater response capabilities for the 230,000 9-1-1 calls received annually, and improved public safety for every community.

For more information visit
SIRON2020.nd.gov



SIRN: Enabling the Future of Safety



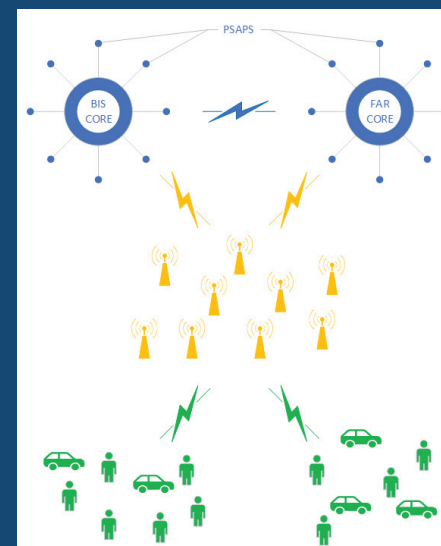
The ND SIRN team is actively engaged with stakeholders across the state to provide information, resources and updates on this effort.

While the state made a critical investment in the SIRN infrastructure, each community is responsible for funding radios and PSAP consoles in the dispatch centers.

Full participation will mean greater interoperability – and greater safety for first responders and the public.

Visit SIRN2020.nd.gov for more information on the planned build-out including key milestones and approved vendor list.

SIRN BUILD-OUT: BY THE NUMBERS



21 PSAPs
Public Safety Answering Points
Consoles & Core Network

139 Towers
Across North Dakota

20,000 Radios
for Emergency Responders
Law Enforcement, Fire, Ambulance,
State Agencies (HP, G&F)