

NORTH
Dakota | Information Technology
Be Legendary.™

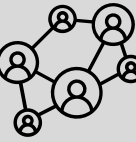
Senate State and Local
Government

HB 1242
March 2, 2023
Room 216

EMPOWER PEOPLE – IMPROVE LIVES – INSPIRE SUCCESS

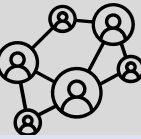


STATEWIDE INTEROPERABLE RADIO NETWORK (SIRN)



- **2011** Exploratory Study Focused on Land Mobile Radio Interoperability
- **2015** Legislature Authorizes Feasibility Study
- **2016** Televate Study Conducted; Recommendations Provided
- **2017** Legislature Authorizes and Governor Signs into Law - Execution of SIRN 20/20
- **2017** SIRN 20/20 Program Initiated
- **2018** Requests for Proposals
- **2019** January - Contract Awarded to Motorola
- **2019** April - Legislature Authorizes and Governor Signs SIRN Project Funding into Law
- **2019** May - Project Kick Off
- **2020** December – Backhaul and 10 PSAPs cutover
- **2021** December – 7 additional PSAPs cutover
- **2022** November – 5 additional PSAPs cutover along with approx. 65 sites completed

PUBLIC SAFETY COMMUNICATIONS IN ND

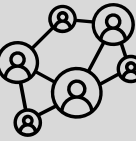


- What are Public Safety Communications?

PUBLIC SAFETY COMMUNICATIONS IN ND

- 20,000 Users & Devices
- 900+ Public Safety
 - 114 Law Enforcement Agencies
 - 175 EMS Departments
 - 359 Fire Agencies
- Public Sector Entities
 - Public Works, Highway Depts, Public Health, Hospitals & School Transportation

PUBLIC SAFETY COMMUNICATIONS IN ND



- Why SIRON?

SIRON HISTORY

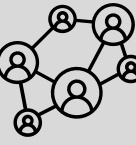
CHALLENGES IDENTIFIED



**NORTH DAKOTA
STATEWIDE
INTEROPERABLE
RADIO NETWORK**

- Lack of Coverage
- “End of Support” for 40% of communications equipment in 2018-2020
- Dozens of fragmented systems
- Lack of features required by public safety community
- Cumbersome Interoperability
 - Limited communication capabilities between jurisdictions & disciplines
- Interference
- Unreliable “In-Building” Service

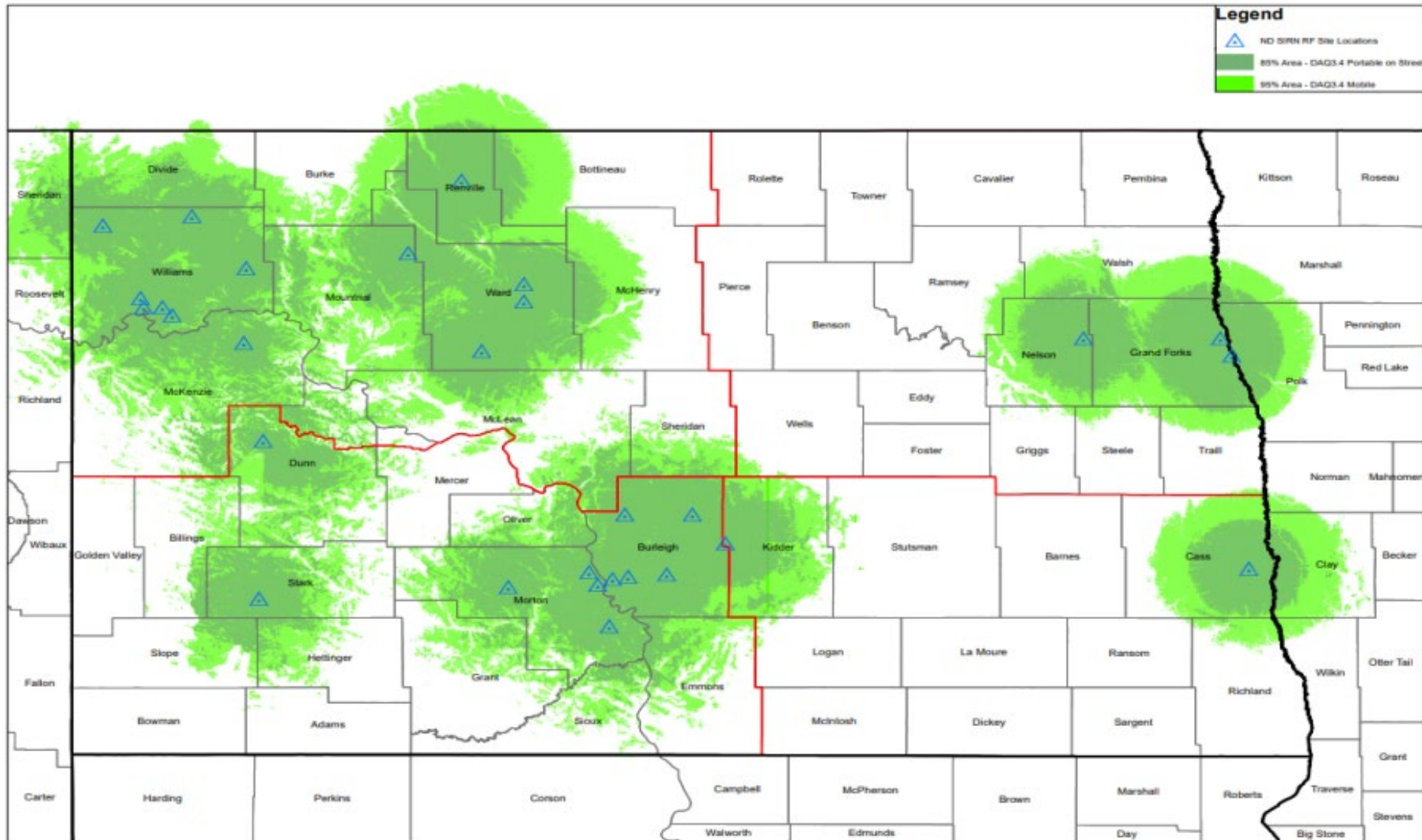
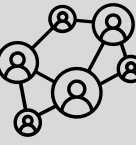
PUBLIC SAFETY COMMUNICATIONS IN ND



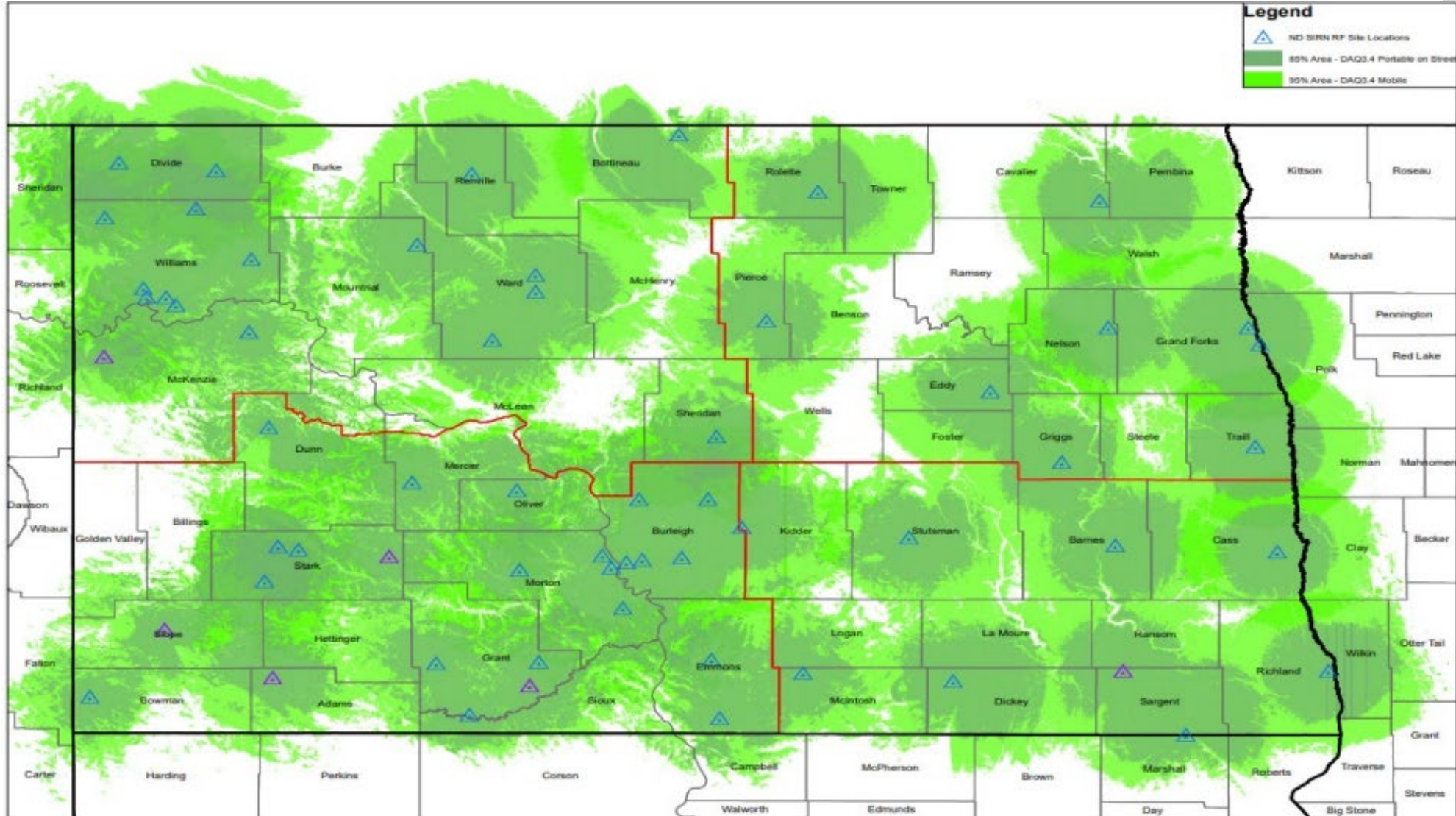
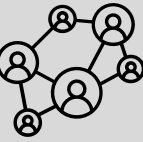
➤ SIRN Project Has 3 Main Phases

- Phase 1: Backhaul and PSAP Console Replacement
- Phase 2 – Group 1: Radio Frequency (RF) Buildout for Mobile (In-Car Radio) Coverage to include Simulcast Early Adopter Locations
- Phase 2 – Group 2: Radio Frequency (RF) Buildout for Portable (Handheld Radio)

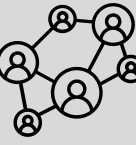
PUBLIC SAFETY COMMUNICATIONS IN ND



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PROJECT TIMELINE AND ESTIMATES



SIRN

PROJECT STATUS



**NORTH DAKOTA
STATEWIDE
INTEROPERABLE
RADIO NETWORK**

- **2019** May - Project Kick Off
- **2019-2022** – 21 of 23 PSAPs cutover, approximately 65 sites complete (not all active)
- **2023** – Statewide Mobile Complete
- **2025** - Estimated Statewide Portable Complete



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THANK YOU



Empower People | Improve Lives | Inspire Success