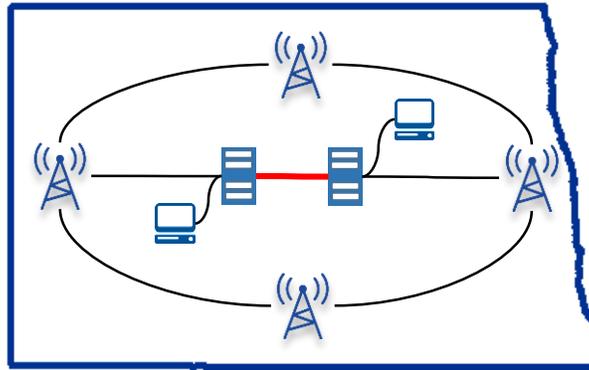


STATEWIDE INTEROPERABLE RADIO NETWORK 20/20

FEASIBILITY STUDY

THE SIRN 20/20 PLAN

A
STATEWIDE
COST-EFFECTIVE
INTEROPERABLE
&
SUSTAINABLE



LAND MOBILE
RADIO NETWORK
SERVING ALL
PUBLIC SAFETY
USERS IN
NORTH DAKOTA

SIRN 20/20 FEASIBILITY STUDY

The Statewide Interoperable Radio Network (**SIRN**) Feasibility Study is a project spearheaded by the Statewide Interoperability Executive Committee (SIEC) to build consensus and determine the feasibility of a united public safety radio solution for first responders across the State of North Dakota. Funded by the 64th Legislative Assembly, the project's objective is to identify comprehensive technical solutions, operational plans and governance structures that advance mission critical voice and paging communications.

SIRN 20/20 FEASIBILITY STUDY ELEMENTS

1. DATA COLLECTION

Document and assess the suitability of all public safety and other prospective tower assets, as well as subscriber devices, which may be used or upgraded to support **SIRN**



2. OUTREACH & EDUCATION

Multimedia outreach effort to engage State, Local and Tribal public safety practitioners and other associated entities to exchange concepts for a successful **SIRN**



STATEWIDE INTEROPERABLE RADIO NETWORK 20/20

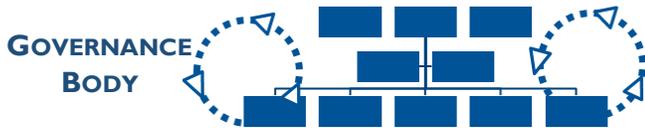
FEASIBILITY STUDY

SIRN 20/20 FEASIBILITY STUDY ELEMENTS

3. GOVERNANCE DEVELOPMENT

Develop a governance and ownership structure that ensures **equitable representation** at State, Local and Tribal levels.

EQUITABLE



4. REQUIREMENTS GATHERING

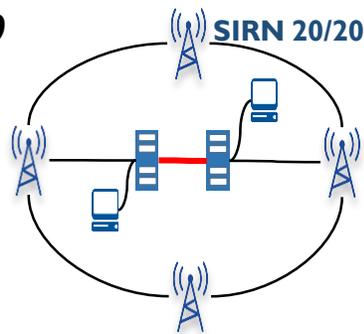
Evaluate the technical and functional needs of end users and operators alike through surveys, regional conferences and interviews.

RELIABILITY
CAPACITY
FEATURES
ENCRYPTION
MUTUAL AID
BUDGETS

SIRN 20/20 FEASIBILITY STUDY ELEMENTS

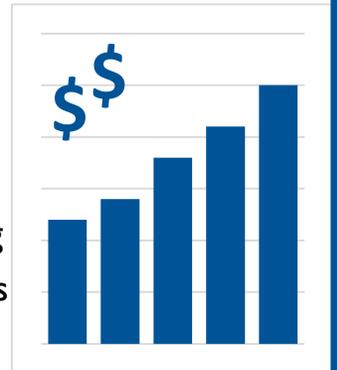
5. SYSTEM DESIGN

Create a **SIRN 20/20** solution that fulfills user needs, is anchored on existing public assets, and is fiscally responsible



6. COST ESTIMATION

Develop detailed capital and operational investments required for a sustainable **SIRN 20/20**, identifying funding and cost-sharing schemes



SIRN 20/20 FEASIBILITY STUDY ELEMENTS

7. STRATEGIC BUSINESS AND IMPLEMENTATION PLAN

Provide recommendations and corresponding plans for the procurement, implementation and operation of **SIRN 20/20** based upon the findings of the Feasibility Study elements. The Final Report to be submitted to the 65th Legislative will form a technical, operational and financial basis for **SIRN 20/20**.

Procurement

Deployment

Operations



The SIEC now has a website. Please visit us: <http://siec.nd.gov>