

ND SIRN 20/20

A Statewide Integrated Radio Network Vision for North Dakota



An initiative of the ND SIEC

The 63rd Legislative Assembly formed a Statewide Interoperability Executive Committee (SIEC) to prepare recommendations on how to move our state forward with an emergency response radio system that meets the needs of state and local responders. The Committee has made its recommendation. Now is the time to take action. Failing to act now will result in diminished response capacity and increasing costs of any future solutions.

Emergency responders now request that the ND House of Representatives continue that commitment by endorsing and funding the full, five-year \$160 million plan. This requires increasing the funding line item in SB 2016 to \$57 million.

CURRENT SYSTEMS

- Outdated radio technologies
- Interference prone
- Non-interoperable
- Non-portable
- Insufficient coverage
- Unnecessary duplication
- Independent and decentralized, rather than coordinated and networked
- No economies of scale due to lack of cooperative purchasing
- Public safety suffers

“Rather than a lifeline, our radio system causes us more stress.”

“We no longer consider the radio network as a mission critical system.”

RECOMMENDATION | A FIVE YEAR PLAN

Phase	High Level Activities	Y1	Y2	Y3	Y4	Y5
I - Pre-Acquisition	▪ Site selection, analysis and preparation	■				
	▪ 800MHz/VHF Frequency search/licensing					
	▪ Radio equipment inventory development					
II - System Acquisition	▪ Specifications development and vendor negotiations	■				
	▪ System Selection and contract execution					
III - Metro Area 800 MHz	▪ Migrate Metro Areas to 800 MHz to vacate frequencies and prepare portables and mobiles for reallocation		■	■		
IV - Regional VHF layer Implementation	▪ Regional VHF deployment - four to six regions approach -PSAPs		■	■	■	■
Radio Procurement Redistribution and Programming	▪ On-going efforts to gather, provision and distribute radios		■	■	■	■
Estimated Annual Costs (in Millions)		\$ 10.20	\$ 47.34	\$ 38.96	\$ 37.49	\$ 25.16
Total Cost of Goods and Services (in Millions)		\$159,140,000				

SIRN 20/20 SUPPORTERS

North Dakota Statewide Interoperability Executive Committee
 North Dakota 9-1-1 Association
 North Dakota Association of Public Safety Communications Officials
 North Dakota Department of Emergency Services
 North Dakota Department of Transportation
 North Dakota Emergency Management Association
 North Dakota EMS Association
 North Dakota Fire Chief's Association
 North Dakota Highway Patrol
 North Dakota Information Technology Department
 North Dakota Peace Officers Association
 North Dakota Sheriff's and Deputies Association
 Strategic Technology and Planning Subcommittee (9-1-1 Assoc.)
 Emergency Services Communications Coordinating Committee