



# Nebraska Regional Interoperability Network

NRIN is a regional and statewide wireless communications and data sharing network that is owned and governed by Nebraska's local governments. Its purpose is to connect Public Safety Answering Points (PSAPs) or 911 centers regionally and statewide to enable them to utilize statewide communications resources and new, developing wireless technologies such as Next Generation 911 (NG-911).

The primary data communications transport method will be microwave using telephone company grade microwave dish antennas and radios. Existing public and private tower infrastructure are being utilized such as communications towers, water towers, grain elevators and buildings. The system buildout is being funded with the 80% local portion of Nebraska's Homeland Security grant funds. Governance of the system is established through the Nebraska Public Safety Communications Council (NSPCC) that has local government representation from each of the 8 communications regions across the state.



## Questions?

Contact your regional representative and visit:

<http://homelandplanning.nebraska.edu>

# What can NRIN do?

NRIN will allow 911 centers and Emergency Operations Centers to quickly access large amounts of information and share that information across the state, thereby improving responses to emergencies and protecting lives and property. This information includes voice, video, pictures, text, documents, and other data transmitted to and from 911 centers and Emergency Operations Centers, public safety agencies (e.g., law enforcement, fire), public power, emergency operations centers, weather service, crime information centers, emergency alert system, roads and motor vehicles agencies, ham radio networks, civil air patrol, and other public and private agencies. For example:

- Pictures and data from a chemical spill could be transmitted from a first responder at the site to state or national experts to help identify the level of threat and determine the appropriate response.
- Firefighters could receive building blueprints and an inventory of hazardous materials from a private business to help them combat a fire.
- Local law enforcement could receive intelligence from the Nebraska State Patrol Fusion Center to assist in assessing a potential terrorist threat.
- An emergency operations center could receive real-time video, voice, and/or data from responders at the scene of a regional devastating natural disaster such as a tornado.

In addition, the NRIN system could benefit Nebraska communities by allowing the sharing of information in non-emergency situations such as conducting video arraignments, communicating across city and county government, and allowing data sharing across a variety of agencies currently using and paying for expensive telecommunications lines.

# Map of Proposed NRIN Rings

