

Nebraska Regional Interoperability Network
December 16, 2015; 13:00 – 16:00
University of Nebraska Public Policy Center
Lincoln, NE

I. Participants

Name	Organization
Clint Casper	Lancaster County
Mark DeKraai	University of Nebraska Public Policy Center
Tim Hofbauer	Platte Valley Emergency Management
Nic Kemnitz	Wayne County Emergency Management
Sue Krogman	Nebraska Emergency Management Agency
Quinn Lewandowski	University of Nebraska Public Policy Center
Pete Peterson	Keith County Emergency Management and Communications
Patrick Seim	Office of the Chief Information Officer
Tracy Rocolle	Office of the Chief Information Officer
Jon Rosenlund	Hall County Emergency Manager
Todd Thalken	Columbus Police Department
Robert Tubbs	Buffalo County Sheriff's Office
Chip Volcek	Adams County Emergency Management Agency

- II. Welcome, Meeting Overview, Changes to Agenda, Approval of Minutes**
Minutes from last meeting were approved. Tracy Rocolle motions to move Quality of Service Standards Update up to the third agenda item. Motion is seconded by Mark DeKraai; motion passes with unanimous acclamation vote.
- III. NRIN Quality of Service**
There was discussion about the quality of service (QOS) standards. It was decided to remove the language in the QOS that designated certain amounts of bandwidth allowances at each level. It is understood the routing and network management will have highest priority by default.
- IV. Update on NRIN Buildout and Regional Updates**
Cornerstone has finished hanging equipment from Cheney to Nebraska City, Grand Island to McCool Junction section, and the Boone County tower. Waiting on FCC licensing on the aforementioned towers. Cornerstone now has their teams working on installations from McCool on south to Hebron, from Hebron west over to Nelson, and then east over to Pawnee City. Another team will be placed to start installation on the Big Blue NRD site and move towards Hallam.

Cornerstone will also be placing a team in Grand Island to head west towards Lexington.

There are MOU agreements in place for most of the Northeast region. Approval has been given to begin work in Ainsworth, Basset, Stuart, and O'Neil. Sue is working with NPPD on the fiber shot from McCook to Atlanta NET tower. Line of sight calculations are being made for Schuyler dispatch to Saunders County connection.

REGIONAL UPDATES

- a. **Panhandle** - Ray Richards (by email) – Waiting on patch calculations to be completed in the Panhandle pilot region.
- b. **North Central** - Pete Peterson - No new updates to report.
- c. **Southwest** - Pat Gerdes (by email) – No new updates to report. Waiting to hear on options for fiber from McCook to Atlanta.
- d. **South Central** – Chip Volcek – No new updates to report.
- e. **East Central** – Tim Hofbauer – Coordinating with BJ to receive a truckload of spare parts for storage and potential future use. In the future would like to see a spare part management system. No major problems in the network over the last few months.
- f. **Southeast** – Clint Caspar – No new updates to report.
- g. **Northeast** – Nic Kemnitz – No new updates to report. Looking at a few options for a storage site for equipment. Waiting to start the build out.
- h. **Tri-County**– No updates received from the Tri-County region.

V. **Interlocal Agreement**

The Interlocal Agreement has been signed by 48 counties and four municipalities. Seven of the PET regions are represented.

VI. **NRIN Board Development Process**

Language for the NRIN Board Election Procedures were discussed as followed:

DRAFT NRIN Board Election Procedures

1. The Interlocal Agreement with all signatories will be sent out December 21st to all Members and PET Regions. We will check to make sure no one was missed.
2. All candidates for Board of Directors will be sent out at the same time with the nominating organization. We will make sure no one was missed.
3. If there are not at least two candidates for each of the eight participating PET Regions, the Region may have fewer board members than the two designated in the Interlocal Agreement

4. Once all candidates are verified, we will develop ballots for each PET Region to be sent by January 4, 2016.
5. Only county and municipality members will be eligible to vote. Each member will have one vote per board member position – two votes in the initial year. Ballots will need to be signed by the member board chair.
6. Votes will be due by February 15, 2016
7. The UNPPC will tabulate votes. The votes will be verified by the NRIN committee members.
8. Tie votes will be handled by a run-off election. If run-off election results in a tie, winner will be determined by coin flip.
9. All candidates (successful and unsuccessful) and all NRIN Members will be notified of voting results by the end of February.
10. At the first meeting of the Board of Directors, each Director will be randomly assigned by coin flip a Term of Office, to meet the Interlocal Agreement requirement for staggered terms as follows:

PET Region	Director Number	Term
Panhandle	Director 1	4 years
	Director 2	3 years
Southwest	Director 1	2 years
	Director 2	4 years
North Central	Director 1	3 years
	Director 2	2 years
South Central	Director 1	4 years
	Director 2	3 years
East Central	Director 1	2 years
	Director 2	4 years
Northeast	Director 1	3 years
	Director 2	2 years
Southeast	Director 1	4 years
	Director 2	3 years

Subsequent terms will be three years. The Board will develop procedures for subsequent elections and filling vacancies.

VII. Updating NRIN Cost Estimates

Component	Calculation	Estimated Annual Cost
Tower Leases	Actual for most areas and estimates for Regions currently being developed	\$171,750
Management & Monitoring	Initial statewide estimate by OCIO	\$279,484
Equipment replacement	Average length of service 10 years; .10 X total NRIN equipment costs	?
Maintenance	Based on scope of work	?
Other Costs	Administration, Training etc.	?
TOTAL		?

VIII. Other NRIN updates

No other issues were discussed

IX. Next Steps

Next meeting will be in Lincoln on February 25, 2015 at 9:00 AM.

X. Adjourn

The meeting was adjourned at 2:25 PM.

Proposed NRIN Quality of Service (QOS)

Quality of Service on the Nebraska Regional Interoperable Network shall be as stated below. It is understood that as the network is utilized that bandwidth allowances to each level may be changed to accommodate increased or decreased use. It is understood the routing and network management will have highest priority by default.

Level 1 – Life Safety. This level is reserved for data to include voice, video, and or data related to 911 telephony equipment and critical emergency related radio traffic. Because of our partnership with public power districts within Nebraska, low bandwidth utility equipment switching will also be include in this level.

Level 2 – Video and VOIP. This level will include any traffic that would suffer intelligibly for voice or video conference. This could include video court, day to day radio over IP traffic, or videoconference.

Level 3-Data. This level will include data that is not critical and is not time sensitive. This could include database backup/update, normal data related to computer communications. Initially this level would utilize the balance of bandwidth.