NEBRASKA INFORMATION TECHNOLOGY COMMISSION
Thursday, August 14, 2014, 11:30 a.m. CT
Allo Communications
702 E Francis Street
North Platte, Nebraska
MINUTES

MEMBERS PRESENT:
Brad Moline, Allo Communications (Chaired the meeting)
Senator Dan Watermeier, Nebraska Legislature
Dr. Terry Haack, Bennington Public Schools
Donna Hammack, Saint Elizabeth Foundations
Dorest Harvey, USSTRACTCOM/AFLCMS-HBCC
Randy Meininger, City of Scottsbluff
Gary Warren, Hamilton Communications
Walter Weir, University of Nebraska

MEMBERS ABSENT: Lt. Governor Lavon Heidemann and Dan Shundoff, Intellicom

ROLL CALL, NOTICE OF MEETING & OPEN MEETINGS ACT INFORMATION

In the absence of the Chair, Commissioner Moline conducted the meeting. The meeting was called to order at 11:30 a.m. Roll call was taken. A quorum of seven voting members was present. The meeting notice was posted to the NITC website and the Nebraska Public Meeting Calendar on July 30, 2014. The agenda was posted to the NITC website on August 8, 2014. The Nebraska Open Meetings Act was located on the meeting table.

Ms. Decker introduced the following new commissioners: Dr. Terry Haack, Randy Meininger, Walter Weir, Dorest Harvey and Gary Warren. Each commissioner shared information about their career and backgrounds.

APPROVAL OF MINUTES

Commissioner Harvey moved to approve the April 2, 2014* minutes as presented. Commissioner Hammack seconded. Roll call vote: Haack-Yes, Hammack-Yes, Harvey-Yes, Meininger-Yes, Moline-Yes, Warren-Yes and Weir-Yes. Results: Yes-7, No-0, Abstained-0. Motion carried.

PUBLIC COMMENT

There was no public comment.

REPORTS FROM THE COUNCILS AND TECHNICAL PANEL

STATE GOVERNMENT COUNCIL
Rick Becker, State Government IT Manager

2015-2017 Biennial Budget – IT Project Review Timeline

Every biennium agencies are required to submit an agency IT plan. Some agencies also submit IT project proposals. Depending on the focus of the project proposal, the proposals are assigned to and evaluated by one of the councils. The Technical Panel also reviews each proposal and makes recommendations to the NITC. The NITC makes the final recommendations to the Governor and Legislature.

The IT project review timeline is as follows:
9/15/2014:   IT project proposals due

9/17/2014: Projects posted on NITC website
9/18/2014: Project reviewers assigned and notice sent to Technical Panel
9/19/2014: Project proposals and scoring sheets sent to reviewers
10/1/2014: Completed scoring sheets due from reviewers
10/6/2014: Summary sheets, with reviewer scores and comments, sent to submitting agencies for their comments and/or response
10/9/2014: State Government Council meeting
10/14/2014: Technical Panel meeting
10/15/2014: Education Council meeting
TBD: eHealth Council meeting
10/17/2014: Agency comment/response due (optional)
TBD: NITC meeting
11/15/2014: Report submitted to Governor and Legislature

Standards and Guidelines

Agencies complete two forms for the NITC as part of the biennial budget process: NITC 1-201: Agency Information Technology Plan - Attachment A and NITC 1-202: Project Review Process - Attachment B. These forms have been updated to reflect the timelines and fiscal years for the next biennial budget. The State Government Council and the Technical Panel recommend approval by the NITC.

Mr. Becker entertained questions from the Commissioners. The inclusion of additional GIS questions was recommended by the GIS Council to gather more information as to what agencies are doing in regard to GIS.

NITC 1-201: Agency Information Technology Plan - Attachment A (Amendment)*

Commissioner Weir moved to approve NITC 1-201: Agency Information Technology Plan - Attachment A (Amendment)* as presented. Dr. Haack seconded. Roll call vote: Weir-Yes, Warren-Yes, Moline-Yes, Meininger-Yes, Harvey-Yes, Hammack-Yes and Haack-Yes. Results: Yes-7, No-0, Abstained-0. Motion carried.

NITC 1-202: Project Review Process - Attachment B (Amendment)*

Commissioner Harvey moved to approve NITC 1-202: Project Review Process - Attachment B (Amendment)* as presented. Commissioner Hammack seconded. Roll call vote: Hammack-Yes, Harvey-Yes, Meininger-Yes, Moline-Yes, Warren-Yes, Weir-Yes and Haack-Yes. Results: Yes-7, No-0, Abstained-0. Motion carried.

Open Data Work Group

LB 919 was introduced during the last legislative session and proposed the creation of an advisory board to look at issues related to open data. The bill did not make it out of committee, but it will likely be introduced again. In preparation, the State Government Council has created a work group to address open data and what that means for agencies. The work group will report back to the State Government Council with their findings.

COMMUNITY COUNCIL - Report
Anne Byers, Community IT and eHealth Manager

Charter*. The Community Council discussed charter changes at their meeting on May 20. Because the Community Council has been meeting infrequently, the group felt that having the chair or co-chair approve the minutes would ensure that they are approved in a timely manner. Members would still have the option to review the minutes and suggest changes.

The proposed changes were as follows:

- 7.4 Meeting Frequency
  The Council shall meet ~~not fewer than four times per year (quarterly)~~as needed, generally two or three times a year.
- 7.7.4 Add the following paragraph
  Minutes shall be approved by the chair or co-chairs and will be available for review at the next Council meeting.

Commissioner Harvey moved to approve the proposed changes to the Community Council charter. Commissioner Hammack seconded.

Discussion followed regarding the frequency of meetings.

Commissioner Meininger offered a friendly amendment to change the wording in 7.4 to "The Council shall meet generally two or three times a year or as needed." Commissioner Harvey and Commissioner Hammack agreed to the friendly amendment.

Roll call vote on the amended motion: Warren-Yes, Moline-Yes, Meininger-Yes, Harvey-Yes, Hammack-Yes, Haack-Yes and Weir-Yes. Results: Yes-7, No-0, Abstained-0. Motion carried.

Discussion followed regarding the convenience and cost savings of video conference meetings. State statute allows only half of the meetings can be by video conference. Senator Watermeier commented the law may need to be revised.

Broadband Plan Draft Executive Summary

Since the kick off for the broadband plan on November 1, stakeholders shared input via work group and Community Council meetings. The following recommendations emerged from discussions with stakeholders:
- Leverage resources to encourage investment in Nebraska's telecommunications infrastructure.
- Enhance the capacity of local communities to address broadband development.
- Encourage the development of a skilled IT workforce.
- Support innovation and entrepreneurship.
- Support the use of broadband technologies in agriculture and businesses.
- Support the use of broadband technologies in health care, local government, libraries, and education.

A draft of the state broadband plan will be reviewed by Community Council members at their meeting on August 25. After comments from the Community Council are incorporated into the plan, a copy will be e-mailed to Commissioners. The plan will be posted for public comment by September 19. The plan will be presented at the Broadband Connecting Nebraska Conference on October 2. Participants will be given a chance to comment on the plan. Commissioners will be asked to approve the plan at their next meeting in late October or November. A draft of the executive summary is included in the meeting materials.

Commissioner Moline commented that smaller communities are addressing the need for skilled workers by utilizing the "we will invest in you if you will invest in us" strategy. Companies will send students to school with a commitment that they will come back to work for the company in their communities.

Ms. Byers entertained questions from the Commissioners. The Commissioners recommended that the Community Council consider adding measurable goals.

Ms. Byers gave a brief update on the Broadband Connecting Nebraska Conference which will be held on October 1-2 in Kearney. Keynote speakers include Shane Farritor who is involved in the University of Nebraska-Lincoln's efforts to create a Maker Space on the Innovation Campus and Daniel Sieberg, Senior Marketing Manager, Google. Maker Space is a hands-on gathering place for creative minds.

EHEALTH COUNCIL - Report

Anne Byers, Community IT and eHealth Manager

Health Information Exchange Updates
- **NeHII.** NeHII held their annual meeting on August 7 in Omaha. Over 100 stakeholders attended. At the meeting NeHII announced that Direct Secure messaging will now be available. Direct is a national encryption standard for securely exchanging clinical healthcare data via the internet.
- **E-Prescribing.** E-prescribing in Nebraska continues to grow. Nebraska ranks 13th in e-prescribing according to Surescripts' 2013 report, moving up from 17th the previous year. 82% of physicians in Nebraska e-prescribe, compared to 73% nationally. Nebraska has moved up in the rankings every year since Surescripts started ranking states approximately five years ago. Nebraska Methodist Health System has piloted e-prescribing of controlled substances with 11 prescribers and plans to add more in the following weeks. So far, feedback has been mainly positive.
- **eBHIN.** On August 6, eBHIN notified the Office of the CIO/NITC that they were sunsetting their health information exchange functionality and transitioning their services supported by electronic health record functionality to Heartland Community Health Services. This highlights that sustainability remains an issue for health information exchanges.

State HIE Cooperative Agreement Evaluation Report. A team of evaluators from UNMC completed their evaluation of the State Health Information Exchange Cooperative Agreement. The evaluation was designed to assess the impact of health information exchange in Nebraska. Unfortunately, adoption of health information exchange was slower than anticipated, necessitating some adjustments to the evaluation plan. Lessons learned include:
- Incomplete information is a barrier for HIE utilization.
- There must be efficient workflow integration for the health information exchange to be useful for providers.
- Education and training are necessary to demonstrate the utility of health information exchange.
- Privacy and confidentiality in sharing medical information are major barriers.

The evaluation consisted of several studies.
- **Provider Adoption.** Providers were surveyed on their use of health information exchange. Of the 100 providers currently using NeHII, 63% indicated satisfaction with NeHII. Accessing a comprehensive patient medication list was identified as the most important feature of the HIE.
- **Consumer Awareness.** Eight focus groups were conducted in seven towns and cities across Nebraska. Participants identified the following positive impacts of health information exchange: accuracy and completeness of information, improved communication, coordination and access to information between health care providers. Concerns included privacy and security of medical information, decreases in quality of care, inconsistent provider participation, and potential cost.
- **E-Prescribing Discrepancies**. Researchers looked at discrepancies between what a physician intended to prescribe, what was entered into the electronic health record and e-prescribed, and what was actually dispensed by the pharmacies. The overall discrepancy rate was relatively low. Differences in directions for administration of the medication were the most common type of discrepancy identified.
- **Value of HIE in Emergency Department/Use of the Prescription Drug Monitoring Program.** Seventeen providers from three emergency departments were surveyed on their use of NeHII's Prescription Drug Monitoring functionality. Only five physicians completed the surveys. The study revealed low levels of utilization. NeHII is making efforts to reach out to participants and provide additional training.

The report was included in the meeting materials.

ONC 10 Year Interoperability Vision. The Office of the National Coordinator (ONC) released a document outlining their vision for interoperability, setting the following agendas:

- Three-Year Agenda: Send, Receive, Find and Use Health Information to Improve Health Care Quality
- Six-Year Agenda: Use Information to Improve Health Care Quality and Lower Cost
- 10-Year Agenda: The Learning Health System.

The document is available at
http://healthit.gov/sites/default/files/ONC10yearInteroperabilityConceptPaper.pdf.
ONC is forming work groups to get feedback from the states on interoperability issues.

EDUCATION COUNCIL

Membership*. The Education Council is requesting approval of the following membership recommendations for the 2014-2016 term:

Higher Education:
    Mary Niemiec, representing the University of Nebraska (Renewal)
    Greg Maschmann, representing Independent Colleges and Universities (New)
    Randy Schmailzl, representing the Community College System (Renewal)
    Jon Dunning, representing the State College System (Renewal)
K-12 Education:
    Gary Needham, representing the Educational Service Units (Renewal)
    Dan Hoesing, representing School Administrators (New)
    Darren Oestmann, representing Boards of Education (Renewal)
    Burke Brown, representing Public Teachers (New)
K-12 & Higher Education (2013-2015 Pro Tem)
    Derek Bierman, representing the Community College System (New)
    Steve Hotovy, representing the State College System (New)

Commissioner Haack moved to approve the Education Council's membership recommendations. Commissioner Warren seconded. Roll call vote: Hammack-Yes, Harvey-Yes, Meininger-Yes, Moline-Yes, Warren-Yes, Weir-Yes and Haack-Yes. Results: Yes-7, No-0, Abstained-0. Motion carried.

Network Nebraska Update. Commissioners asked about library participation in Network Nebraska. Mr. Rolfes explained that libraries are aware of Network Nebraska but there is no aggressive marketing to recruit libraries at this time. Commissioner Weir complimented Mr. Rolfes on this work and efforts with Network Nebraska.

Summer 2014 Events
- Upgraded 35+ WAN circuits in Central and South-Central Nebraska
- Redirected 40+ WAN circuits in Southeast Nebraska
- Extended the State backbone with 1Gbps circuit to ESU 6 in Milford
- Extended the State backbone with 1Gbps circuit to ESU 5 in Beatrice
- Brought up a new Lincoln Internet provider (Windstream) with ~12Gbps
- Increased the Omaha Internet provider (Unite) to ~12Gbps
- Added 14 new K12 Participants from Southeast Nebraska
- Relocated the Scottsbluff Aggregation Point from State Office Bldg to Panhandle Research
- New website is up and running: www.networknebraska.net
- www.networknebraska.gov has been acquired as an additional domain for $125/year
- 4 school consolidations occurred, reducing the number of paid Participants by 4 entities
- Prepared to offer UNCSN Rack Hosting Service at Nebraska Hall for $628/rack/month

Participation Summary, as of 8/1/2014
    Public K-20 Participants:
    233 of 248* public school districts (*unified districts as separate entities, (94%)

17 of 17 Educational Service Units, (100%)
6 of 6 community colleges, (100%)
3 of 3 state colleges, (100%)
2 of 2 tribal colleges, (100%)
1 of 1 University of Nebraska, (100%)
Non-Public K-20 Participants:
6 of 213 private, denominational or parochial schools (3%)
7 of 14 nonprofit private postsecondary educational institutions (50%)

Procurement Outlook for Fall 2014
- Provider information meeting on Tuesday, August 19, 2014
- Possible rebidding of Internet access to replace the 2012-2015 contract
- Possible rebidding of statewide backbone to augment the 2012-2016 contract
- Possible rebidding of K12, Higher Ed, Library WAN circuits, as requested
- Possible bidding of internal networking equipment for K-12 and public libraries, depending on FCC Preferred Master Contract recommendations

E-rate Modernization. Nebraska K-12 schools receive an average of 66 cents in E-rate for every dollar spent on eligible telecommunications services. The E-rate modernization information has just been released by the FCC. It is undetermined how the new funding for internal connections and Wifi will roll out and how it will affect local level procurement. Most schools and libraries have not received this information as of today.

The following legislative bills were passed. The Education Council asked if the NITC would be able to assist in communicating information to the senators.
- LB 497. Sec. 3. *[excerpt]* The Education Committee of the Legislature shall conduct a study of potential uses of the funds dedicated to education from proceeds of the lottery conducted pursuant to the State Lottery Act. The committee shall submit a report electronically on the findings and any recommendations to the Clerk of the Legislature on or before December 31, 2014. Factors the study shall consider, but not be limited to, include: (1) The educational priorities of the state; (2) What types of educational activities are suited to being funded by state lottery funds as opposed to state general funds; (3) Whether state lottery funds should be used for significant projects requiring temporary funding or to sustain ongoing activities; and (4) Whether periodic reviews of the use of lottery funds for education should be scheduled.
- LB 1103. Sec. 2. *[excerpt]* The Education Committee of the Legislature shall conduct a strategic planning process to create the statewide vision for education in Nebraska described in section 1 of this act which shall include aspirational goals, visionary objectives, meaningful priorities, and practical strategies. The committee or subcommittees thereof may conduct meetings, work sessions, and focus groups with individuals and representatives of educational interests, taxpayer groups, the business community, or any other interested entities. The committee shall also hold at least three public hearings to receive testimony from the general public in locations that represent a variety of educational situations. The committee shall submit a report regarding such process electronically to the Clerk of the Legislature on or before December 31, 2014.

Both bills are scheduled to have a report to the Legislature by December 2014. . Mr. Rolfes will send the Commissioners the public hearing dates for LB 1103.

GIS COUNCIL - Report

Membership*. There are three GIS Council members whose terms expire in September 2014. A request to seek nominations for the Member-at-Large, Federal Agencies, and Omaha Metro seats were sent out in April. At the June 4 GIS Council meeting, the Council reviewed the nominations and tallied votes for two of the seats. The Council received two nominations for the Member-At-Large seat: Michael Schonlau, GIS Manager from Douglas County (10 votes) and Kelly Mueller, self-employed (3 votes). The Council

received two nominations for the federal agency seat: Jim Langtry, USGS (11 votes), and Steve Peaslee, Natural Resources Conservation Service (NRCS) (2 votes).

The GIS Council has recommended the reappointments of Michael Schonlau of Douglas County to fill the Member-At-Large GIS Council seat and Jim Langtry, United States Geological Survey (USGS) to fill the federal agency GIS Council seat.

Commissioner Weir moved to approve the GIS Council membership nominations. Commissioner Warren seconded. Roll call vote: Moline-Yes, Meininger-Yes, Harvey-Yes, Hammack-Yes, Haack-Yes, Weir-Yes and Warren-Yes. Results: Yes-7, No-0, Abstained-0. Motion carried.

Representatives of the Omaha Metro area nominate a representative for the Omaha Metro seat. A selection committee has been formed and nominations have been provided to the committee. The Committee is seeking additional information from nominees prior to making their nomination. The current nominations include Eric Herbert, Sarpy County; Josh Corrigan, Metropolitan Area Planning Agency (MAPA); and Donald Groesser, Mayor of Ralston. The nomination for the Omaha Metro seat will be provided at the next NITC meeting. A seat was vacated back in April for the Nebraska Association of County Officials (NACO). NACO has selected Brittny King, Assessor, Dodge County to replace Kelly Mueller, Deputy Assessor, Antelope County. In accordance with statute, this seat is nominated by NACO with final approval and appointment by the Governor. No action is required by the Commission for this seat.

Standards Update. Standards have been drafted and submitted to the NITC Technical Panel for Elevation Acquisition using LiDAR, Imagery, Street Centerline, Address Points, and updates to the existing Geospatial Metadata standards. The GIS Council also sought further input from the Technical Panel on the best way to represent information to support maintenance, distribution and ownership of data to all the standards. The NITC Technical Panel has provided recommendations to the GIS Council. Since this also affects the imagery and metadata standards they will also be updated. It is expected to have all the standards ready for review and approved by the NITC at their next meeting.

Business Plans Update. The GIS Council is using a national Federal Geographic Data Committee (FGDC) template for use in developing statewide business plans for geospatial data and technologies. The drafting of the standards was integral to completing several components of the Business Plans for Elevation, Imagery, Street Centerline and Addresses, Land Records, and NebraskaMAP. All the business plans have been started and are currently completing the implementation plans, timelines, and education/technical assistance components by various volunteers of the working groups. The Elevation and NebraskaMAP business plans are currently prioritized for draft review yet this fall.

Nebraska K-12 Educational GIS Initiative. The Nebraska Department of Education and the Office of the CIO recently partnered to bring free GIS software and online mapping service through a statewide educational enterprise license agreement (ELA) with Esri. This provides software and online instruction for all K-12 schools, districts, staff, students, and formal youth clubs in the state. This software and service is valued at $80,000 per year. This includes GIS software for desktop, server, ArcGIS Online, and mobile use. It provides updates to software, technical support, online instruction, and complimentary registrations to the annual Esri User Conference.

Earlier this year, the Nebraska Department of Education received a three-year grant for $88,881 from the Nebraska Environmental Trust to develop curriculum around soil conservation and GIS. The project is entitled, "Educating the Next Generation of Nebraskans About Soil Conservation Using the Power of Geographic Information Systems (GIS)." The key to implementing the statewide curriculum and GIS plan for K-12 is to find the right teachers with the interest and support from their organization.

Since then, curriculum was developed and five teacher training workshops were conducted through June and July in Omaha, Scotts Bluff, North Platte, Kearney, and Wakefield. More than 90 teachers were instructed on how to take the information from the field and utilize GIS software to create a computer document called a story map. Story maps combine intelligent Web maps with Web applications and

templates that incorporate text, multimedia, and interactive functions. Each story map in the workshops followed the theme of soil conservation practices and consisted of photos showing conservation practices, a narrative written to explain the photos and a computerized GIS map. The GIS map showed where the photos were taken and allowed the user to select information from that location to see pictures that were taken about soil conservation.

These workshops will be conducted again for the next two consecutive summers throughout the state. During the next school year, the process of creating story maps will then be taught by the workshop's teachers in classrooms across the state. The end result will be classrooms visiting sites in their local community and creating story maps that help young people to understand soil conservation practices and the use of GIS technology. The Nebraska K-12 Educational GIS Initiative online resource web site for teachers is located at http://needgis.maps.arcgis.com.

Mr. Watermeier commended his co-workers Anne Byers, Tom Rolfes and Rick Becker, for their cooperation and collaboration with GIS efforts.

Ms. Decker informed the Commissioners of a concern raised by several county assessors and their private vendor regarding the state's recent public records request for parcel data. Several state records board grants are funding GIS data efforts in many of Nebraska counties. The grant contracts for several counties stipulate that counties will share their data with the state. The concern is regarding what the county believes is or is not a public record. The Office of the CIO has been kept the Secretary of State, State Attorney General and with NACO (Nebraska Association of County Officials) informed of the ongoing discussions.

TECHNICAL PANEL
Walter Weir, Chair

Enterprise Projects - Status Report

Mr. Weir provided an update on the status of the Enterprise Projects.

INFORMATIONAL UPDATES

State Contracts Database. LB429, enacted in 2013, requires state agency contracts to be posted on a publically accessible website. The deadline to have all state contracts online was July 1, 2014. The State met this deadline. It is a model for other states and it has already been shown at state conferences. Currently, there are over 54,000 documents in the system.

Licensing Application. A number of small agencies are looking at potential budget requests relating to licensing applications. The Office of the CIO was asked to bring these agencies together to determine if there was an opportunity for a shared application or other potential saving through some shared development. This review is ongoing.

State Records Board Contracts. The State Records Board, with the assistance of the Office of the CIO, has begun drafting an RFP for the management of the state's portal -- Nebraska.gov -- and related services. The current contract for these services expires in January 2016.

Audits. The Office of the CIO is undergoing a state audit of the Statewide Radio System.   The OCIO recently completed an IBM software audit and an IRS audit. Adobe and Novell have also notified the Office of the CIO that they will be conducting software audits.

OCIO Agency IT Managers. The Office of the CIO has taken a collaborative approach with several agencies on I.T. management. The Office of the CIO contracts with an agency to place an OCIO IT Manager within the agency. The salary is shared by the OCIO and the agency. The IT Manager reports to the agency Director/Administrator on a daily basis, and serves as an OCIO liaison. Agencies currently contacting for this service are: Department of Agriculture, Department of Insurance, Nebraska Game and

Parks Commission, Department of Labor, Department of Correctional Services and the Public Employees Retirement Systems.

2014 OCIO Annual Report. The 2014 OCIO Annual Report will be available with the next 30 days. The office will send the report electronically to Commissioners when it is completed.

Telecom Provider Workshop, August 19. An invitation has been sent to all telecommunications providers to discuss Network Nebraska and the Statewide Radio System. The workshop will be held at 8:30 am at Varner Hall in Lincoln.

Digital Government Summit, October 21. The Digital Government Summit will be held on October 21, at the Embassy Suites, in Lincoln. Government Technology Magazine sponsors the conference along with the Office of the CIO. Commissioners were invited to attend.

OTHER BUSINESS

At the October/November meeting, the Commission will review the NITC Progress Report to the Legislature which is due November 15.

Senator Watermeier was recognized by Government Technology for his efforts to help the State of Nebraska utilize technology effectively. A link to the article was posted on the NITC's website.

ADJOURNMENT

Commissioner Harvey moved to adjourn. Commissioner Haack seconded. All were in favor. Motion carried.

The meeting was adjourned at 2 p.m.

Meeting minutes were taken by Lori Lopez Urdiales and reviewed by the OCIO/NITC staff.