MEMBERS PRESENT:
Lieutenant Governor John Nelson, Chair
Brad Moline, Allo Communications (Ogallala Site)
Senator Dan Watermeier, Nebraska Legislature
Dr. Terry Haack, Bennington Public Schools
Dorest Harvey, USSTRACTCOM/AFLCMS-HBCC
Randy Meininger, City of Scottsbluff (Scottsbluff site)
Dan Shundoff, Intellicom
Gary Warren, Hamilton Telecommunications
Walter Weir, University of Nebraska

MEMBERS ABSENT: Donna Hammack, Saint Elizabeth Foundation

ROLL CALL, NOTICE OF MEETING & OPEN MEETINGS ACT INFORMATION

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 September 16, 2014. The agenda was posted to the NITC website on October 23, 2014 and revised on October 26, 2014.

APPROVAL OF AUGUST 14, 2014 MINUTES


PUBLIC COMMENT

There was no public comment.

Commissioner Haack arrived.

NITC PROGRESS REPORT TO THE GOVERNOR AND LEGISLATURE*

The NITC Progress Report to the Governor and Legislature highlights the progress made in the nine NITC priority areas of Network Nebraska, Community IT Planning and Development, eHealth, Public Safety Communications System, Digital Education, State Government Efficiency, Nebraska Spatial Data Infrastructure, E-Government, and Security and Business Resumption. An excerpt from the report is listed below:

- Network Nebraska. During the 2012-2014 time period, Network Nebraska grew its membership by 14 school districts, 2 Educational Service Units, 1 parochial school, and 1 private college. The demand for Internet has increased by 241% as the unit cost has decreased by 50%.
• **Community IT Planning and Development.** The NITC and NITC Community Council, in partnership with the University of Nebraska, the Nebraska Public Service Commission, the Nebraska Department of Economic Development, and AIM, have developed a state broadband plan which describes the current broadband landscape and presents 10 recommendations to further broadband development in Nebraska.

• **eHealth.** On March 14, 2014 the Nebraska Information Technology Commission/Office of the State CIO successfully completed a four-year $6.8 million cooperative agreement from the U.S. Department of Health and Human Services’ Office of the National Coordinator for Health IT. During the grant period, health information exchange through NeHII grew from 464 users in March 2010 to over 3,500 users in March 2014.

• **Public Safety Communications System.** The Nebraska Statewide Radio System serves local, state and federal agencies and public utilities across the state. The system was funded through a partnership between the State and Nebraska Public Power District to jointly own, manage and operate the system.

• **Digital Education.** The primary objective of the Digital Education Initiative is to promote the effective and efficient integration of technology into the instructional, learning, and administrative processes and to utilize technology to deliver enhanced digital educational opportunities to students at all levels throughout Nebraska on an equitable and affordable basis.

• **State Government Efficiency.** In 2009, the State Government Council identified enterprise content management (ECM) as an area to explore as a potential shared service. For years, as agencies purchased their own content/document management systems, the state was in the position of owning and operating multiple systems, each with standalone equipment and staff support. Six agencies volunteered to be involved with the requirements, Request for Proposal (RFP), and award process for the new shared ECM system. Over six months, the group identified 126 requirements, prepared an RFP and evaluated the results. In September 2010, an ECM system contract was awarded. As of July 2014, fourteen agencies are using the ECM system with over 7,700 internal users, over 18,000 external users, and over 26.5 million documents in the system.

• **Nebraska Spatial Data Infrastructure.** This initiative promotes coordination, guides policy, provides guidance on data accuracy requirements, coordinates dissemination of data through NebraskaMAP, and strengthens data sharing through partnerships to ensure access to quality geospatial datasets for governmental business needs and the public.

• **E-Government.** Nebraska has been recognized as a leader in e-government. The 2014 Digital States Survey, conducted by the Center for Digital Government, awarded the State of Nebraska a letter grade in the “B” category.

• **Security and Business Resumption.** The State of Nebraska continues to make progress in securing information resources, reducing associated vulnerabilities and updating policy. Over the course of the last two years, the NITC Security Work Group has worked with the State Government Council, the Technical Panel and agencies in order to formulate new polices for emerging technologies and update existing policies.

Commissioner Harvey moved to approve the **NITC Progress Report to the Governor and Legislature.** Commissioner Warren seconded. Roll call vote: Weir-Yes, Warren-Yes, Shundoff-Yes, Moline-Yes, Meizinger-Yes, Harvey-Yes, Haack-Yes, and Nelson-Yes. Results: Yes-8, No-0, Abstained-0. Motion carried.

**2015-2017 BIENNIAL BUDGET - IT PROJECT PROPOSALS - RECOMMENDATIONS TO THE GOVERNOR AND LEGISLATURE**

By statute, the NITC is required to review all information technology projects submitted as part of the biennial budget. Mr. Becker described the review process. As part of that review process, the NITC has established the following categories to prioritize projects:
<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mandate</td>
<td>Required by law, regulation, or other authority</td>
</tr>
<tr>
<td>Tier 1</td>
<td>Highly Recommended. Mission critical project for the agency and/or the state.</td>
</tr>
<tr>
<td>Tier 2</td>
<td>Recommended. High strategic importance to the agency and/or the state.</td>
</tr>
<tr>
<td>Tier 3</td>
<td>Other. Significant strategic importance to the agency and/or the state; but, in general, has an overall lower priority than the Tier 1 and Tier 2 projects.</td>
</tr>
<tr>
<td>Tier 4</td>
<td>Insufficient information to proceed with a recommendation for funding.</td>
</tr>
</tbody>
</table>

### State Government Council Tier Recommendations

<table>
<thead>
<tr>
<th>Proj. #</th>
<th>Agency</th>
<th>Project Title</th>
<th>FY16</th>
<th>FY17</th>
<th>Total*</th>
<th>Score</th>
<th>Tier Rec.</th>
</tr>
</thead>
<tbody>
<tr>
<td>09-01</td>
<td>Secretary of State</td>
<td>Business Services Filing System</td>
<td>$40,000</td>
<td>$84,000</td>
<td>$2,630,000</td>
<td>79</td>
<td>Tier 1</td>
</tr>
<tr>
<td>09-02</td>
<td>Secretary of State</td>
<td>Collection Agency Online Renewal Application</td>
<td>$65,955</td>
<td></td>
<td>$65,955</td>
<td>94</td>
<td>Tier 2</td>
</tr>
<tr>
<td>18-01</td>
<td>Dept. of Agriculture</td>
<td>Paperless Inspection Project</td>
<td>$30,000</td>
<td>$30,000</td>
<td>$260,000</td>
<td>78</td>
<td>Tier 2</td>
</tr>
<tr>
<td>24-01</td>
<td>Dept. of Motor Vehicles</td>
<td>Nebraska Systems Update and Modification (NSUM)</td>
<td>$583,775</td>
<td>$583,775</td>
<td>$2,606,228</td>
<td>75</td>
<td>Tier 1**</td>
</tr>
<tr>
<td>40-01</td>
<td>Motor Vehicle Industry Licensing</td>
<td>Replacement Software Program</td>
<td></td>
<td></td>
<td></td>
<td>37</td>
<td>***</td>
</tr>
<tr>
<td>41-01</td>
<td>Real Estate Commission</td>
<td>Licensee Database</td>
<td>$635,774</td>
<td>$85,774</td>
<td>$796,075</td>
<td>78</td>
<td>Tier 2</td>
</tr>
<tr>
<td>81-01</td>
<td>Commission for Blind &amp; Visually Impaired</td>
<td>Client Data Tracking System Procurement</td>
<td></td>
<td></td>
<td>$371,500</td>
<td>79</td>
<td>Tier 2</td>
</tr>
</tbody>
</table>

Notes:
- *Total may include prior year or future planned costs in addition to biennial budget request amounts.
- **Project 24-01 is mandated and funded by LB905 through the development of an RFP (Request for Proposal).
- ***No review necessary for project #40-01; no associated funding request.

The following agency representatives were present to provide background information and answer questions from the Commission regarding their IT project proposal:

- Commission for the Blind and Visually Impaired
  - Pearl Van Zandt, Administrator; Wes Majerus, IT Manager
- Department of Agriculture
  - Tom Jensen, Administrator
- Real Estate Commission
  - Greg Lemon, Administrator


### REPORTS FROM THE COUNCILS AND TECHNICAL PANEL

#### STATE GOVERNMENT COUNCIL

Rick Becker, Government IT Manager

**Standards and Guidelines - NITC 7-104: Web Domain Name Standard (Amendment)**

Purpose: The purpose of this standard is to provide for consistent domain names for state government websites.

The State Government Council and Technical Panel recommend approval of the revised standard.

**COMMUNITY COUNCIL - REPORT**  
Anne Byers, Community IT Manager

The Commissioners were shown a broadband video produced by the University of Nebraska which highlights the findings of the broadband study. The video is available at http://www.youtube.com/watch?v=siae3ADCiHQ&feature=youtu.be.

**Broadband in Nebraska: Current Landscape and Recommendations**

The NITC Community Council, in partnership with the Nebraska Public Service Commission, University of Nebraska-Lincoln, Nebraska Department of Economic Development, and AIM, developed the plan as part of the broadband mapping and planning project funded by a grant from the National Telecommunications and Information Administration to the Nebraska Public Service Commission. The plan incorporates suggestions made by Commissioners at the August 19 NITC meeting, including adding measurable targets and information on the economic impact of broadband. The plan was made available for public comment on September 19, 2014. Additionally, information on the draft plan was presented at the Connecting Nebraska Broadband Conference on October 2, 2014. The plan was further revised to incorporate the handful of comments received. Ms. Byers highlighted the goals, economic impact, and recommendations.

**Goals:**  
The following goals and targets help focus attention on key aspects of the plan and provide a way to assess the state’s progress in addressing broadband development:

- **Increase household adoption of broadband**  
  - Over 90% of households statewide will subscribe to broadband by 2020.  
    - **Current:** 82%  
  - 85% of households in rural Nebraska will subscribe to broadband by 2020.  
    - **Current:** 74%

- **Increase broadband availability**  
  - Broadband service of 25 Mbps down will be available to 90% of households by 2020.  
    - **Current:** 74.9% of households  
  - Broadband service of 1 gbps down will be available to 25% of households by 2020.  
    - **Current:** 11.5% of households

- **Support broadband-related development by increasing the number and diversity of IT workers**  
  - At least 1,400 degrees in computer and information science, management information systems, computer engineering, and bioinformatics will be awarded annually by Nebraska colleges and universities by 2020.  
    - **Current:** 1,113 degrees awarded in 2012  
  - Women receive at least 25% of the degrees in computer and information science, management information systems, computer engineering, and bioinformatics will be awarded by Nebraska colleges and universities by 2020.  
    - **Current:** 20% of IT degrees awarded to women

**Economic Impact:** Broadband is impacting Nebraska's economy in a number of ways, including:

- **Expanding Markets by Selling Online.** Over 60% of Nebraska businesses reported selling goods or services online.
• **Increasing Efficiencies and Reducing Costs.** Nebraska businesses reported cost savings averaging 4% due to using the Internet.

• **Creating Jobs.** A 2013 survey of Nebraska businesses found that broadband access to the Internet is having a positive impact on jobs, with 364 respondents reporting a net increase of 654 jobs due to using the Internet.

• **Increasing Revenue.** Broadband access to the Internet is also having a positive impact on business revenue with typical respondents reporting 25 to 45 percent of revenue from the Internet.

National and international research links broadband availability with economic growth. However, broadband adoption appears to have a stronger economic impact than broadband availability, contributing to growth in household income, lower unemployment and other measures of economic success in non-metropolitan counties.

Commissioner Haack commented that the plan includes information on states counting computer programming classes toward required credits in math or science and asked for clarification if the plan was recommending that Nebraska also allow computer programming classes to count toward math or science requirements. Ms. Byers stated that the information was included in the plan to encourage further discussion by stakeholders. Mr. Weir suggested approaching the Education Council. Once the NITC approves the plan, the Council can begin developing action items.

**Recommendations**

The following recommendations emerged from discussions with stakeholders:

- 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 businesses and agriculture.
- Support the development of libraries as community anchor institutions.
- Support the use of broadband in education and health care.
- Support the use of broadband by government and public safety entities.
- Support efforts to attract new residents and retain youth.
- Increase digital literacy and broadband access to the Internet.

Commissioner Shundoff moved to approve the **Broadband in Nebraska: Current Landscape and Recommendations.** Commissioner Harvey seconded. Roll call vote: Moline-Yes, Meininger-Yes, Harvey-Yes, Haack-Yes, Nelson-Yes, Weir-Yes, Warren-Yes, and Shundoff-Yes. Results: Yes-8, No-0, Abstained-0. Motion carried.

**Membership**. Commissioners were asked to approve the nomination of Jay Anderson to replace Paul Ludwig.


**EHEALTH COUNCIL - REPORT**

**NeHII Update.** In mid-October, the Centers for Medicare and Medicaid Services (CMS) approved the request for 90/10 matching Medicaid funding to support the expansion of NeHII and development of new functionality. The request was originally submitted to the Centers for Medicare and Medicaid Services by Nebraska’s Medicaid program in July 2013. The funding will be used to bring on additional hospitals, practices, and federally qualified health centers. New functionality funded by the request includes:
- Enabling additional hospitals and providers to exchange data with the immunization registry;
- Enabling a facility or ambulatory practice to send a Transition of Care document to the health information exchange;
- Setting up the public health gateway which will enable syndromic surveillance and lab reporting through NeHII;
- Enabling diagnosis and allergy information to be displayed for NeHII participants.

NeHII has recently begun implementing Direct secure messaging. Forty-five Direct users are currently signed up.

**eHealth Council Update.** For the past five years, the eHealth Council has focused on preparing for and implementing the $6.8 million State Health Information Agreement received from the U.S. Department of Health and Human Services Office of the National Coordinator for Health IT. Now that the grant has been completed, the Council needs to refocus and reexamine its membership. The eHealth Council will discuss those issues at their next meeting on November 13.

**EDUCATION COUNCIL**

Tom Rolfs, Education I.T. Manager

The Council met on October 15. Dr. Gabrielle Banick was invited to meet the Council members and share her vision and goals for the P16 initiative. Two new co-chairs were elected. Gary Needham, ESU 9 in Hastings was elected from the K-12 sector. Mary Niemiec, University of Nebraska, was elected from the higher education sector. The new Co-chairs would like to review and reframe, if necessary, the four task groups and their membership to address the 18 action items most closely associated with the Education Council. The next Education Council meeting will be held on Wednesday, December 17. There may be IT project proposals from the Department of Education for the Council’s review.

**Network Nebraska Update.** The summer conversion was successful. Network Nebraska will soon be rebidding Omaha egress commodity Internet. The Office of the CIO continues to have discussions with the Department of Education and the online assessment vendor DRC to make sure that assessment data bandwidth gets to DRC in Minnesota with the fewest number of hops and reduced congestion. With over 200 circuits and the statewide backbone to be rebid in the fall of 2015 this will be one of the largest telecommunications procurements in the history of state government procurement. By July 2015, Network Nebraska hopes to reach the goal of 100% public K-12 participation.

**Digital Education Update.** Most of the 18 Digital Education action items are embodied within the Educational Service Unit Coordinating Council’s (ESUCC) BlendEd Initiative, which is a multi-component initiative to enhance the environment of teaching and learning. ESUCC used the LB 1103 hearings to tell the BlendEd Initiative “story” and to make the Education Committee aware that learning, content, and identity management have great potential to transform the 21st century classroom and through enterprise agreements, increase the adoption rate and save costs for school districts along the way.

**LB 1103 Update.** A series of hearings were held across the state for LB 1103. An estimated 200 people attended in Omaha on October 6. Over 100 people attended in Norfolk on October 15, and there were over 50 people in attendance in Broken Bow on October 16. Themes presented included the possible benefits of charter schools, early childhood education, and the BlendEd initiative. All three hearings were described as highly interactive. K-12 and higher education are anticipating the LB 497 hearing on Wednesday, November 19 to discuss the future educational uses of the lottery fund.

**E-rate Modernization.** Mr. Rolfs attended an E-rate training on September 29 and meetings with USAC and FCC on September 30-October 1. Several changes, including increased funding for internal connections equipment and the doubling of the document retention period, will be happening very soon. The State of Nebraska plans to bid this fall for what is called Category 2 internal connections equipment for all schools and libraries, with E-rate filing to occur at the local level. Mr. Rolfs reported that the Office of the CIO will be assisting with organizing a round of E-rate Training Workshops in Nebraska to be held December 1-8.
GIS COUNCIL - REPORT
Nathan Watermeier, GIS Coordinator

Approval of Standards

NITC 3-201: Geospatial Metadata Standard (Amendment)*
Purpose: The purposes of this standard is to preserve the public's investment in geospatial data, to save public resources by avoiding unnecessary duplication of expensive geospatial data acquisition, to minimize errors through inappropriate application of geospatial data, and to facilitate harmonious trans-agency public policy decision-making and implementation through the use of shared geospatial data.

Metadata standards have been developed specific to the needs of Nebraska stakeholders while maintaining compliance with the metadata standards from the Federal Geographic Data Committee (FGDC). These standards were originally adopted on September 23, 2005 and have recently been updated to include changes in ISO data standards endorsed by the FGDC. No comments were received through the recent 30-day public review process initiated by the Technical Panel. The Technical Panel and GIS Council are recommending approval of the NITC 3-201 Geospatial Metadata standard.


NITC 3-203: Elevation Acquisition using LiDAR Standards (New)*
Purpose: The primary purpose of these standards is to realize the maximum long-term benefit of elevation data acquisitions, and in doing so, help protect the public's investment in Nebraska's geospatial infrastructure. These standards will help ensure that elevation data acquisitions are current, consistent, accurate, high-resolution, accessible, and cost-effective.

These standards are new and are intended for entities participating in collaborative efforts to acquire airborne LiDAR elevations that may contribute to a comprehensive statewide elevation dataset in Nebraska. The standards are derived from the U.S. Geological Survey (USGS) National Geospatial Program’s (NGP) LiDAR Base Specification Version 1.0. In addition, the standard emphasizes particular requirements and needs for Nebraska that are not available in USGS standards and where additional clarity is needed. No comments were received through the recent 30-day public review process initiated by the Technical Panel. The Technical Panel and GIS Council are recommending approval of the NITC 3-203 Elevation Acquisition Using LiDAR standards.


NITC 3-204: Imagery Standards (New)*
Purpose: The purpose of this standard is to provide the necessary requirements for the creation, development, delivery, and maintenance of aerial imagery data and services to support the Nebraska Spatial Data Infrastructure (NESDI). These standards will help ensure that imagery acquisition is consistent, accurate, publicly accessible, and cost-effective.

These standards are new and are designed for future statewide aerial imagery acquisition efforts that meet verified minimum horizontal accuracy requirements for a spatial resolution of 12 inch, preferably flown during the “leaf-off” period for trees. The requirements from federal standards (i.e., National Emergency Number Association) are also driving the need for greater spatial accuracy of imagery in order to meet needs to develop and create street centerline and address points. No comments were received through the recent 30-day public review process initiated by the Technical Panel.

Street Centerline and Address Standards. Standards have been developed for Street Centerline (NITC 3-205) and Address (NITC 3-206). These standards were sent out for public review during the summer and received no comments. The GIS Council made additional changes to these standards and sent out again for another 30-day review. A couple of comments were received during that review period at the deadline date but it did not provide ample time to review before the Technical Panel meeting. These standards have been tabled until the Technical Panel meets again.

Membership. The Omaha Metro seat expired in September 2014. The Omaha Metro seat is nominated by representatives of the Omaha Metro area then nominated to the NITC. A selection committee has been formed and nominations have been provided to the committee. The selection committee is putting the nomination forward for Eric Herbert, Sarpy County to fill the seat of Omaha Metro.


Strategic Initiatives Update

Elevation: The Elevation Business Plan is in a draft version and is currently out for initial review. The working group also submitted a pre-proposal for LiDAR acquisition through the new United States Geological Survey (USGS) 3D Elevation Program. The proposal covers almost a 4,500 square mile area in western Nebraska that abuts Colorado and Wyoming. A dialogue has started with various partners in western Nebraska to support future LiDAR acquisition projects.

Land Records: Progress continues on the few counties willing to share data with the state for the statewide parcel database. This database has many uses and applications to support state business needs. There were several concerns raised by the GIS Council at their last meeting on the lack of response and misinterpretation of information about our public records request for this data back in June. The working group will be meeting in November to continue to identify next steps to follow-up on the public records request and educating the counties on the effort.

Street Centerline Address Database: The State has acquired a statewide site license for all consumer and business address and demographic data to fulfill current state government business needs. This will not only support general needs across all agencies but also assist the future development of addressing points to be used in combination with the street centerline database. A subset of this data for several counties was provided early on to us to support team efforts on the ground following the Pilger tornado.

NebraskaMAP - The OCIO has hired a new temporary person to assist the inventory and assessment of the NESDI data layers. This person is also working to enhance components of NebraskaMAP. The working group is currently working on the business plan draft. An initial review of the draft will be made available in November to the GIS Council.

TECHNICAL PANEL
Walter Weir, Chair, Technical Panel

Enterprise Projects - Annual Report and Status Report

On October 1, the Report on the Statue of Enterprise Projects was submitted to the Governor and the Appropriations Committee of the Legislature.
The question was raised as to why the NeSIS “Writing” test issues were not listed in the report. The Technical Panel has requested that the project provide a more detailed report regarding the issues.

Senator Watermeier left the meeting. Andy Weekly, OCIO Project Manager, provided an overview of the Enterprise Projects Status Report.

Project Closure: Office of the CIO - Nebraska Statewide Radio System*

Commissioner Harvey moved to designate the Nebraska Statewide Radio System project as a closed project. Commissioner Haack seconded. Roll call vote: Nelson-Yes, Haack-Yes, Harvey-Yes, Meininger-Yes, Moline-Yes, Shundoff-Yes, Warren-Yes and Weir-Yes. Results: Yes-8, No-0, Abstained-0. Motion carried.

Project Designation: DHHS - Medicaid Eligibility & Enrollment System*

This project is anticipated to be funded at about $57 million dollars. It will have a significant impact.

Commissioner Weir moved to designate the Medicaid Eligibility & Enrollment System project as an Enterprise Project. Commissioner Harvey seconded. Roll call vote: Weir-Yes, Warren-Yes, Shundoff-Yes, Moline-Yes, Meininger-Yes, Harvey-Yes, Haack-Yes, and Nelson-Yes. Results: Yes-8, No-0, Abstained-0. Motion carried.

INFORMATIONAL UPDATES
Brenda Decker, Chief Information Officer

OCIO Roles and Responsibilities. Ms. Decker provided a presentation on the organization of the Office of the Chief Information Officer, its responsibilities and its relationship to the NITC.

Digital Summit Report. The Digital Summit was held on October 21. There were over 200 participants in attendance. The Governor kicked off the event. The summit received positive reviews from attendees.

Digital States Survey Results. Nebraska got a grade of a “B” in the Government Technology magazine Digital States survey.

IRS Audit. This year the IRS audited the Department of Health and Human Services and the Department of Labor. The OCIO was included as part of the review of technology and processes for these agencies. The audit identified 19 items for the OCIO to address. Most of these items were relatively minor.

OCIO Fire Drill. There are approximately 200 OCIO staff housed in the 501 Building. In September, the OCIO had a practice fire drill. The building was evacuated in less than 4 minutes.

OTHER BUSINESS

There was no other business.

ADJOURNMENT

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

The meeting was adjourned at 4:15 p.m.

Meeting minutes were taken by Lori Lopez Urdiales and reviewed by the staff of the Office of the CIO/NITC.