

NEBRASKA INFORMATION TECHNOLOGY COMMISSION

Thursday, November 12, 2015, 10:00 a.m. CT

Main Site:

University of Nebraska – Kearney
Ockinga Center - Conference Room
2505 20th Avenue, Kearney, Nebraska

Video Conference Site:

University of Nebraska – Lincoln
Varner Hall - Room 232
3835 Holdrege Street
Lincoln, Nebraska

MEETING MINUTES

MEMBERS PRESENT:

Felix Davidson, Governor's Office, Chair
Senator Curt Friesen, Nebraska Legislature
Dr. Terry Haack, Bennington Public Schools
Donna Hammack, Saint Elizabeth Foundation
Dorest Harvey, US Strategic Command / J84
Randy Meininger, City of Scottsbluff
Gary Warren, Hamilton Telecommunications
Walter Weir, University of Nebraska (Lincoln site)

MEMBERS ABSENT: Brad Moline, Allo Communications; Dan Shundoff, Intellicom

ROLL CALL, NOTICE OF MEETING & OPEN MEETINGS ACT INFORMATION

The meeting was called to order at 10:10 a.m. Roll call was taken. A quorum was present. Meeting notice was posted to the [NITC website](#) and the [Nebraska Public Meeting Calendar](#) on September 22, 2015. The agenda was posted to the NITC website on November 6, 2015. A copy of the Nebraska Open Meetings Act was located on the table at the front of the room.

WELCOME – CHANCELLOR KRISTENSEN

Chancellor Doug Kristensen welcomed the NITC Commissioners and provided a brief synopsis of the University of Nebraska-Kearney and the important economic and educational role that UNK plays in the central Nebraska region. He also talked about his experiences in the Legislature and as an NITC commissioner.

Mr. Davidson thanked Chancellor Kristensen for his hospitality.

As part of the meeting materials, Commissioners received the NITC statutes. Commissioners were asked to take time to review the statutes. It will help the NITC and CIO with the decision-making process.

PUBLIC COMMENT

There was no public comment.

APPROVAL OF JULY 23, 2015 MINUTES*

Commissioner Harvey moved to approve the [July 23, 2015](#) meeting minutes. Commissioner Haack seconded. Roll call vote: Davidson-Yes, Haack-Yes, Hammack-Yes, Harvey-Yes, Meininger-Yes, Warren-Yes and Weir-Yes. Results: Yes-7, No-0, Abstained-0. Motion carried.

STATEWIDE TECHNOLOGY PLAN*

Ed Toner, Chief Information Officer, presented the first four strategic initiatives pertaining to state government: State Government IT Strategy, Cloud Strategy, State IT Spending Analysis and IT Security.

STATE GOVERNMENT IT STRATEGY ACTION ITEMS

Mr. Toner would like state government to focus on efficiencies and saving taxpayer dollars. There is duplication of efforts and applications in the State. Twenty-one (21) agencies currently have their own servers. Consolidation of servers is already happening at the state and county level.

The majority of agencies manage their IT functions as an independent department within the agency. This invites inefficiencies by design. Current structure blocks basic efficiencies and risk mitigation by inhibiting automated server management, maintenance, alerting and security monitoring. This decentralized approach to technology comes at higher expense as IT fails to optimize resources across the enterprise and fosters the duplication of applications and disparate infrastructure technologies with no central operational control. The Office of the CIO will implement a “hybrid” centralization model.

OCIO

Enterprise functions are performed by the OCIO to include:

- Consolidated Data Center
- Network and Infrastructure Operations
- Procurement Review and Standards
- Enterprise Help Desk Support
- Enterprise Application Support

AGENCY

Agency IT management maintains authority over agency-specific activities and functions to include:

- Agency Help Desk Support
- Agency-Specific Application Development
- Agency-Specific Application Support
- IT Strategy and Planning for the Agency

In order for this “hybrid” structure to work, there has to be strong cooperative and collaborative management between the OCIO and agency IT management.

State Government IT Strategy action items include:

1. Single Help Desk Solution – Incident Management Implementation
2. Service Catalog Implementation
3. Change Management Solution Implementation
4. Enhance Information Security
5. Enhanced Operations Center
6. IT Cost Efficiencies
7. Operationalize IT and Project Governance
8. Consolidate on STN Domain
9. Data Center Consolidation – Agency Server Migration
10. Initiate Active/Hot Standby Solution – Enterprise Apps

CLOUD STRATEGY ACTION ITEMS

Research shows that companies with an enterprise-wide cloud strategy are far more successful at using the cloud to reduce costs, improve efficiency, and increase business agility. There are three cloud categories - private cloud, public cloud, and hybrid cloud

Private Clouds. The OCIO provides private cloud services. A private cloud can be built and managed by either internal IT or an external service provider, typically on premise inside a firewall. IT services are offered to the organization’s internal customers via chargeback capabilities. These services are core to business functions, and contain highly confidential and sensitive information.

Public Clouds. These are best suited for applications that tend to have low strategic value and high operational flexibility requirements such as archive storage.

Hybrid Clouds. Hybrid clouds are a viable option especially for Software as a Service (SAAS). These are currently in use for applications that have low strategic value with workloads that are unpredictable and require flexibility and scalability for spikes in demand.

Cloud Strategy action items include:

1. Develop a strategy for the use of cloud-based services by Nebraska state government.

STATE IT SPENDING ANALYSIS ACTION ITEMS

State IT Spending Analysis action items include:

1. Create new accounting codes to better capture IT-related spending.
2. Develop reporting tools using the new accounting codes.
3. Prepare an analysis of information technology spending by Nebraska state government.

The question was raised as to how commissioners will know what has been spent and what are the apparent cost savings. The State is currently in the process of determining these costs. The information will be made available to the commissioners, as well as to all state senators.

IT SECURITY ACTION ITEMS

Ed Toner discussed the following strategies related to IT Security:

1. Establish a statewide security operations center in partnership with UNL.
2. Consolidate agency-specific data security to include PII, PCI, CJIS, FTI and HIPAA compliance. Put standards and processes in place to share and secure this data within and across agencies.
3. Standardize security infrastructure including networking.
4. Standardize tools for security monitoring.
5. Identify a state-wide authority for security reporting and Governance.
6. Establish unified security control, eliminate compliance via policy.
7. Implement single authentication/identity/account management.
8. Enact Mobile Device Management standards and software.
9. Establish workstation security standards.

IT Security action items include:

1. Complete Mobile Device Management solution implementation (MaaS360 from Fiberlink/IBM).
2. Complete transition to Security Mentor Security Awareness videos for all State employees.
3. Perform a complete IT hardware inventory of all State agencies
4. Perform a complete IT application inventory of all State agencies
5. Complete Nebraska Security Operation Center
6. Complete update of NITC standards and guidelines according to gap analysis

To implement these four strategic initiatives, the State should engage in the implementation of the master plan in three distinct but interlocked phases: Phase 1 Immediate Needs; Phase 2 Mid-Term Implementations; and Phase 3 Closure and Next Steps.

Phase 1: Immediate Needs. This phase has begun. Launch of stepping stones for the subsequent phases. (Target Completion - Calendar Year 2015)

- Establish ITIL (Information Technology Infrastructure Library) guiding principles and standards which include:
 1. Single Help Desk Solution - Incident Management
 2. Service Catalog
 3. Change Management solution

4. Enhance Information Security
5. Enhanced Operations Center
6. IT Cost Efficiencies
7. Operationalize IT and Project Governance
8. Consolidate on STN Domain
9. Initiate Data Center Consolidation - Identify agency servers for migration.
10. Initiate Active/Hot Standby Solution - Enterprise Apps

Phase 2: Mid-Term Implementations. This phase will be primarily focused on successful completion of core ITIL programs. (Target Completion - Mid-year 2016)

1. Single Help Desk Solution - Incident Management
2. Service Catalog
3. Change Management Solution
4. Enhance Information Security
5. Enhanced Operations Center
6. IT Cost Efficiencies
7. Operationalize IT and Project Governance

Phase 3: Closure and Next Steps. This phase will be focused on completing all major infrastructure-related projects and beginning to address leading practices adapted by industry. (Target Completion- End of Year 2016)

1. Consolidate on STN Domain
2. Data Center Consolidation - (Agency Server Migration)
3. Initiate Active/Hot Standby Solution - Enterprise Apps

Mr. Toner entertained questions from the commissioners.

NETWORK NEBRASKA ACTION ITEMS

Tom Rolfes proceeded with the Network Nebraska and Digital Education action items from the Education Council. Network Nebraska action items include:

1. Prepare for the future of Network Nebraska as a statewide, multipurpose, high capacity, scalable telecommunications network that shall meet the demand of state agencies, local governments, and educational entities as defined in section 79-1201.01.
2. The Education Council and NITC staff will serve as the communication hub for existing and potential new Network Nebraska participants.

DIGITAL EDUCATION ACTION ITEMS

Digital Education action items include:

1. Create professional development opportunities for all Nebraska educators to maximize student success through the innovative uses of technology in teaching.
2. Address technical challenges for students in the transition from secondary to post-secondary education.
3. Expand awareness and address the need for equity of access as it relates to digital education.

Mr. Rolfes entertained questions from the commissioners.

COMMUNITY IT DEVELOPMENT ACTION ITEMS

The Community IT Development and eHealth action items were presented by Anne Byers:

1. Support the efforts of communities to address broadband-related development by recognizing outstanding programs and developing a series of best practices and case studies.

2. Support the Network Nebraska Advisory Group's efforts to develop a strategy to accommodate community affiliate connections into Network Nebraska.
3. Support the Education Council's efforts to expand awareness and address the need for equity of access as it relates to digital education.

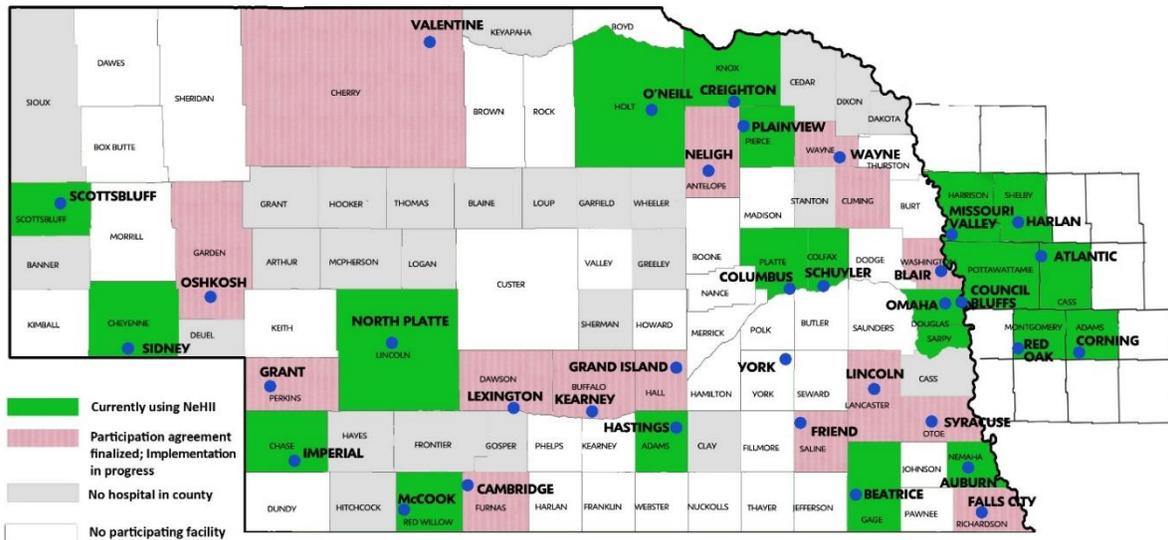
Ms. Byers also gave an update on the first action item which included recognizing outstanding programs. On October 21 2015 at the Rural Futures Conference, three programs were awarded for their broadband efforts:

- Outstanding Digital Literacy Project awarded to Interface: The Web School.
- Outstanding Infrastructure Project awarded to Rural Nebraska Healthcare Network Broadband Fiber Network.
- Outstanding Youth Project was awarded to Nebraska 4-H Robotics Lego League.

Ms. Byers entertained questions from the commissioners.

EHEALTH ACTION ITEMS

Ms. Byers shared an updated map of NeHII's hospital implementations. By the end of the year, NeHII will cover 62% of Nebraska's hospital games.



The eHealth Strategic Initiative has one action item:

1. Support the development of statewide health information exchange through the Advance Interoperable Health IT to Support Health Information Exchange cooperative agreement.

Ms. Byers entertained questions from the commissioners.

NEBRASKA SPATIAL DATA INFRASTRUCTURE (NESDI)

Mr. Watermeier presented the action items for the Nebraska Spatial Data Infrastructure (NESDI)

1. Formalize the definition of the Nebraska Spatial Data Infrastructure (NESDI) and data stewardship
2. Geodetic and Survey Control Inventory and Assessment
3. Nebraska Statewide Elevation Program
4. Nebraska Statewide Imagery Program
5. Nebraska Street Centerline and Address Database

6. Statewide Land Record Information System
7. NebraskaMAP – A Geospatial Data Sharing and Web Services Network

Mr. Watermeier entertained questions from the commissioners.

Commissioner Harvey moved to approve the recommended action items for the Statewide Technology Plan. Commissioner Warren seconded. Roll call vote: Weir-Yes, Warren-Yes, Meininger-Yes, Harvey-Yes, Hammack-Yes, Haack-Yes, and Davidson-Yes. Results: Yes-7, No-0, Abstained-0. Motion carried.

REPORTS AND ACTION ITEMS FROM THE COUNCILS AND TECHNICAL PANEL

eHealth Council – Membership*

Anne Byers, eHealth IT Manager

The eHealth Council would like to nominate Dr. Shawn Murdock as a new council member.

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

GIS Council – Membership

Nathan Watermeier, GIS Coordinator

Mr. Watermeier informed the council that NACO has nominated Kim Wessel, Harlan County, as their representative to serve on the GIS Council. Also new to the council is Chuck Wingert who will be representing the Nebraska Association of Natural Resource Districts. These are Governor-appointed memberships. No action is needed by the NITC.

Technical Panel

Walter Weir, Chair

Enterprise Projects – Status Report.

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

Enterprise Project Closure* - Administrative Services - EnterpriseOne System Upgrade

Commissioner Haack moved to approve the closure of the Administrative Services-EnterpriseOne System Upgrade project. Commissioner Harvey seconded. Roll call vote: Meininger-Yes, Warren-Yes, Weir-Yes, Davidson-Yes, Haack-Yes, Hammack-Yes, and Harvey-Yes. Results: Yes-7, No-0, Abstained-0. Motion carried.

INFORMATIONAL ITEMS

Due to time constraints, the following informational items were passed over: FirstNet, DOT.Comm, and the Statewide Radio System Drill.

OTHER BUSINESS

There was no other business.

NEXT NITC MEETING AND AGENDA ITEMS

The next meeting of the NITC will be held on Thursday, March 10, 2016, 10 a.m. The location will be determined at a later time. The remaining 2016 meetings dates are July 14 and November 10.

Commissioner Warren would like to learn more about GIS and business plans.

Commissioners requested project charter information. Ed Toner will have these sent to commissioners.

ADJOURNMENT

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

Meeting was adjourned at 12:15 p.m.

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