

MEETING AGENDA

NEBRASKA INFORMATION TECHNOLOGY COMMISSION

Tuesday, March 1, 2011, 10:30 a.m.
Varner Hall - Board Room
3835 Holdrege St., Lincoln, Nebraska

AGENDA

[Meeting Documents](#) (68 pages)
(Does not include the eHealth Plans.)

10:30 a.m.	Roll Call, Notice of Meeting & Open Meetings Act Information Approval of Minutes* - November 9, 2010 Public Comment Welcome New NITC Ex Officio Member Senator Galen Hadley
10:40 a.m.	Informational Updates <ul style="list-style-type: none">• Public Safety<ul style="list-style-type: none">◦ January 21, 2011 – Phase 4 Go Live• 2010 OCIO Statistics
11:00 a.m.	Reports from the Councils and Technical Panel <ul style="list-style-type: none">A. Community Council Report<ul style="list-style-type: none">• Broadband Planning UpdateB. eHealth Council Report<ul style="list-style-type: none">• Nebraska eHealth Strategic and Operational Plans• 2011 eHealth Goals• Progress ReportC. Education Council Report<ul style="list-style-type: none">• Network Nebraska Update<ul style="list-style-type: none">◦ Financial Report◦ Neb. Rev. Stat. 86-520.01 Equipment Reporting◦ Planning for 2011-12• Network Nebraska Advisory Group Update• Nebraska Virtual School Task Force
11:45 a.m.	Break and Working Lunch
12:00 p.m.	Reports from the Councils and Technical Panel – Continued <ul style="list-style-type: none">D. State Government Council Report<ul style="list-style-type: none">• Council ActivitiesE. GIS Council Report<ul style="list-style-type: none">• NebraskaMAP Update• Street Centerline Address Data• Proposed Revision of Land Record Information and Mapping Standard

	<p>F. Technical Panel Report</p> <ul style="list-style-type: none"> • Standards and Guidelines <ul style="list-style-type: none"> ◦ NITC 3-202: Land Record Information and Mapping Standard (Revised)* ◦ NITC 5-204: Linking a Personal Portable Computing Device to the State Email System for Data Classified as "Internal Use Only" or "Unclassified/Public"* • Enterprise Projects - Status Report
1:00 p.m.	Other Business
1:15 p.m.	Adjourn

* Indicates action items.

(The Nebraska Information Technology Commission will attempt to adhere to the sequence of the published agenda, but reserves the right to adjust the order of items if necessary and may elect to take action on any of the items listed.)

The meeting notice was posted to the NITC website and the Public Meeting Calendar website on February 4, 2011. The agenda was posted on the NITC website on February 23, 2011.

NEBRASKA INFORMATION TECHNOLOGY COMMISSION

Tuesday, November 9, 2010, 1:30 p.m.
Technology Park-Auditorium
4701 Innovation Drive, Lincoln, Nebraska

MEMBERS PRESENT:

Lieutenant Governor Rick Sheehy, Chair
Lance Hedquist, City Administrator, South Sioux City
Dr. Dan Hoelsing, Superintendent, Alliance Public Schools
Mike Huggenberger, Director-Netlink, Great Plains Communications
Doug Kristensen, JD, Chancellor, University of Nebraska-Kearney
Dr. Janie Park, President, Chadron State College
Trev Peterson, Attorney, Knudsen, Berkheimer, Richardson, and Endacott, LLP
Noelle Badeer representing Senator Tony Fulton (non-voting)

MEMBERS ABSENT: Pat Flanagan, Information Services Manager and Dan Shundoff, Intellicom,

ROLL CALL, NOTICE OF MEETING & OPEN MEETINGS ACT INFORMATION

Lt. Governor Sheehy called the meeting to order at 1:30 p.m. There were six members present at the time of roll call. A quorum existed to conduct official business. The public meeting notice was posted to the NITC website and the Public Meeting Calendar website on September 22, 2010. The agenda was posted on the NITC website on November 4, 2010. A copy of the Open Meetings Act was located on the meeting materials table.

APPROVAL OF JULY 12, 2010 MINUTES

Commissioner Hedquist moved to approve the [July 12, 2010](#) meeting minutes as presented. Commissioner Peterson seconded. Roll call vote: Hedquist-Yes, Hoelsing-Yes, Huggenberger-Yes, Park-Yes, Peterson-Yes, Sheehy-Yes. Results: Yes-6, No-0, Abstained-0. Motion carried.

PUBLIC COMMENT

There was no public comment at this time.

REPORT - EDUCATION COUNCIL, Tom Rolfes, Education I.T. Manager
(Due to another commitment, the Education Council report was moved up in the agenda.)

[Network Nebraska and Digital Education Update](#). Mr. Rolfes distributed a summary of NITC Action Items, 2010 report which also identifies Education Council Work Groups and the other entities involved. Action Item topics highlighted included the following:

N2a-Network Nebraska Memorandum of Agreement. The Office of the CIO has been alerted that the Southwest Nebraska Distance Education Network participants will be reaching the end of their contract with no legal provision for continuation. The Office of the CIO may be asked to request bids for these services. In the Fall of 2011, the contracts for the Northeast Nebraska Network Consortium participants will be ending. The Office of the CIO may be requesting bids for these services as well.

N3a-Provide Internet1 Service. Within the last week, a Tier 1 provider out of Omaha has indicated the possibility of providing Internet 1 services as low as \$1.25 per Mb. This has the potential for great savings or bandwidth increases for our Network Nebraska—Education participants. Mr. Rolfes also provided some statistics related to the amount of Internet being provided to each [K-12 student on Network Nebraska](#) in terms of kilobits per second across the five large consortia that purchase Internet, as well as the 30 separate districts that purchase Internet individually.

N4h-Review viability of NNAG (Network Nebraska Advisory Group). This group was chartered by the Education Council. The charter required that the purpose and goals of the group be evaluated after its first year. The advisory group has met over nine times this past year. A survey was sent to Education Council members and the CAP (Collaborative Aggregation Partnership) asking about the effectiveness of the NNAG. It was determined they were a viable group. There is still some confusion as to their role in relation to the roles of the Education Council and the Distance Education Council. The advisory group's responsibilities include providing recommendations to the CIO relative to operations and strategic vision for Network Nebraska.

**D3-Affordable plan to take LMS (Learning Management System) statewide; and
D5-Deploy statewide digital content repository.**

Across the state, online learning is localized in each Educational Service Unit but it is not consistent across the entire state. The ESU Coordinating Council is tasked by the Legislature with providing statewide learning and content management. The Education Council had invited the ESUCC to submit an I.T. project proposal document at their October 28 meeting that would detail the acquisition and implementation of these services, but the document has not yet been submitted.

Commissioner Kristensen arrived at the meeting.

INFORMATIONAL UPDATES - Brenda Decker, Chief Information Officer, State of Nebraska

[OCIO Information Technology Services Annual 2010 Report.](#) Commissioners received a copy of the most recent OCIO annual report. This year's report focused on the Governor's four technology goals and NITC's strategic initiatives. Ms. Decker thanked each commissioner for contributing to the Meet the Commissioners section.

NITC Biennial Progress Report to the Governor and the Legislature. By statute, the NITC is required to submit a progress report to the Governor and Legislature by November 15 every two years. The report is currently in progress. Commissioners will receive a copy of the report when it is completed.

Joint Appropriations and Transportation and Telecommunications Committee Briefing, November 5, 2010. Brenda Decker provided a briefing on the NITC and Office of the CIO to the Joint Appropriations and Transportation and Telecommunications Committees on November 5, 2010. Committee members provided positive feedback regarding the activities and accomplishments of the Office of the CIO and the NITC.

NITC Commissioner Appointment January 2011 - Transportation and Telecommunications Committee. The NITC membership statute was amended to add an ex-officio non-voting member from the Legislature. This new member will be appointed by the Legislature's Executive Council after January 5, 2011 and the appointee must be a member of the Transportation and Telecommunications Committee.

Public Safety. On October 19, 2010, a Phase 3 Go Live event was held in York, Nebraska for beneficial use of the public safety system. Governor Heineman, Lt. Governor Sheehy, the Nebraska Public Power District, and several agency partners were in attendance. It is anticipated that there will be full beneficial use by end of summer. By the end of December, it is anticipated that all statewide public safety agencies will be on the system. January 21st is scheduled to launch the final phase of the state system. The next piece of interoperability will also be an Enterprise Project that is currently on the NITC's list. This project will enable local law enforcement to access the system. The RFP for this piece of the project is scheduled to be awarded soon.

[Nebraska Federally Projects.](#) Below is the list of Nebraska federally funded projects shared with the Commissioners. For more detailed information regarding the projects, click on above link.

NTIA Broadband Technology Opportunities Program (BTOP):

- NebraskaLink, NE \$11,547,866 (announced August 2010). *Connecting Nebraska Communities -- A High-Speed Broadband Network for All of Nebraska.*

- Nebraska Library Commission, NE \$2,416,403 (announced August 2010). NTIA Broadband Mapping Program
 - Nebraska Broadband Mapping Project, NE, \$2,100,000 (announced January 2010)
- FCC Rural Healthcare Pilot Program:
- Rural Nebraska Healthcare Network, NE ~\$20,000,000 (announced May 2010).
- USDA Broadband Infrastructure Program (BIP):
- Southeast Nebraska Communications, Inc., NE, \$11,285,367 (announced August 2010).
- NSF Research Infrastructure Improvement Inter-Campus and Intra-Campus Cyber Connectivity program (RII C2):
- [Nebraska University Regional Optical Network \(NURON\), NE](#), \$1,170,000 (announced August 2010). Walter Weir provided additional informational handouts (link above) and answered questions.

Microsoft Proposal. In late May, Microsoft approached the Office of the CIO with a proposal to host the State's email in their cloud environment through the remainder of our existing contract, and to provide for an enterprise agreement for certain software. The Office of the CIO met with the State Government Council and other interested agencies to discuss the proposal. The proposal was rejected because it was too expensive for some agencies, primarily because of the enterprise agreement costs. Two weeks later, Microsoft brought back another proposal, but that proposal was still not financially feasible for agencies. A third proposal from Microsoft, which has been accepted, provided better pricing and the Office of the CIO was able to decouple the enterprise agreement from the BPOS (Business Productivity Online Suite) offering. BPOS provides the option to take email and storage to the cloud and offer it to agencies at a cost of \$13.90 per 25 Gb mailbox that includes archiving and anti-virus software. Lt. Governor Sheehy congratulated Brenda Decker for receiving the National Association of State Chief Information Officers (NASCIO) Meritorious Service Award.

REPORT - COMMUNITY COUNCIL, Anne Byers, Community I.T. Manager

On January, 12, 2010, the National Telecommunications and Information Administration awarded the Nebraska Public Service Commission approximately \$1.6 million for broadband data collection and mapping activities over a two-year period and nearly \$500,000 for broadband planning activities over a two-year period in Nebraska, bringing the total grant award to approximately \$2.1 million. On September 27, 2010 an additional \$3.5 million was awarded to the Public Service Commission for mapping and planning activities in years 2-5 five of the project.

The Public Service Commission has been collecting data from providers to create a map of broadband availability. Data from states will be used to create a national map. Data from in-person, mail and telephone surveys was used to verify the data from providers. Drive-test data was also compiled for wireless broadband verification. Geocoding addresses—especially in rural areas—has been a challenge. The Public Service Commission is hoping that some mapping data will be available in the spring.

The Planning component includes multiple projects which will support the adoption of broadband. Planning activities will also support the development of regional technology plans and a statewide plan. (Click on "Report" link for detailed information on planning components.)

The Community Council met on July 19 to provide an update on planning activities and to discuss their role in the planning projects. A meeting will be scheduled in January or February to further involve the Community Council in an advisory role.

REPORT - EHEALTH COUNCIL, Anne Byers, Community I.T. Manager

Membership. The eHealth Council approved the nomination of Marsha Morien to replace Keith Mueller at their September 13, 2010 meeting. Ms. Morien was also elected as co-chair of the eHealth Council. Biographical information on [Marsha Morien](#) is included in the meeting materials.

Commissioner Kristensen moved to approve the eHealth Council nomination of Marsha Morien as a new member. Commissioner Park seconded. Roll call vote: Sheehy-Yes, Peterson-Yes, Park-Yes, Kristensen-Yes, Huggenberger-Yes, Hoelsing-Yes, and Hedquist-Yes. Results: Yes-7, No-0, Abstained-0. Motion carried.

State HIE Cooperative Agreement. On March 15, 2010, the State of Nebraska received a \$6.8 million grant from the Office of the National Coordinator (ONC) for Health IT. The NITC/Office of the CIO is administering the grant. The strategic eHealth Plan developed by the eHealth Council was submitted with the state's application in October, 2009. An operational plan was submitted in April 2010. Revised plans were submitted in July, September and October in response to feedback from the Office of the National Coordinator. The plans have been approved, and Nebraska will receive its implementation funding (approximately 90% of the grant) soon. At this time, only eight states (California, Delaware, Maine, Maryland, New Mexico, South Carolina, Tennessee, and Utah) have their plans approved. The latest versions of the Nebraska plans are available from the NITC website (nitc.ne.gov). Even without implementation funding, considerable progress is being made.

- NeHII now connects 15 hospitals in Iowa and Nebraska and over 1,000 health care providers. Approximately 20% of the state's physicians are now participating in NeHII, and approximately 40% of the state's hospital beds are covered by NeHII.
- The Electronic Behavioral Health Information Network (eBHIN) will be celebrating its kick off on Nov. 18. The celebration will include a demo of their system. eBHIN plans to go live with a pilot in Southeast Nebraska in early 2011.
- NeHII and the DHHS Division of Public Health have been meeting to plan connections between NeHII and Nebraska's immunization registry. Connections will also be made to the Nebraska Electronic Disease Surveillance System and the state's syndromic surveillance system.
- The E-Prescribing Work Group will reconvene on Nov. 30 to discuss issues related to e-prescribing, including e-prescribing Schedule II drugs and encouraging pharmacy participation.

The eHealth Council will meet in January to set implementation goals surrounding e-prescribing, electronic laboratory results delivery, and the exchange of patient care summaries.

REPORT - STATE GOVERNMENT COUNCIL, Rick Becker, I.T. Manager, State Government Council

[Biennial I.T. Project Proposals](#) – Recommendation to the Legislature* ([Full text](#) of project proposal)

There was only one request submitted this year, a satellite replacement project from NET. Pursuant to NITC policy, each request receives a technical review by three individual reviewers. Agencies are then provided an opportunity to submit a response or other clarifying information. The Technical Panel does a technical review and answers the following three questions:

1. Is the project is technically feasible?
2. Is the proposed technology appropriate for the project?
3. Can the technical elements be accomplished within the proposed timeframe and budget?

For this project, the Technical Panel affirmed all three questions. The request then goes to the designated council to make a Tier recommendation. The State Government Council recommended the Satellite Replacement Project be prioritized as a Tier 1 project.

Mike Winkle, NET Assistant General Manager, was present to provide information regarding the project request and to answer questions. Although this is technically a new project, it is really a key on-going operations component to provide public broadcasting.

Commissioner Peterson moved to recommend NITC 47-01 NET, Satellite Replacement Project as a Tier 1 project. Roll call vote: Huggenberger-Yes, Kristensen, Park-Yes, Peterson-Yes, Sheehy-Yes, Hedquist-Yes, and Hoelsing-Yes. Results: Yes-7, No-0, Abstained-0. Motion carried.

REPORT - GIS COUNCIL, Larry Zink, GIS Administrative Manager

Two years ago, the GIS Council had received two-year funding to develop a pilot project for a statewide GIS data sharing and web services network. The NITC providing approximately one-half of the pilot project funding. The project has been branded as NebraskaMAP and includes a portal, where entities have a centralized location to access data or be directed as to where to find the data. The University of Nebraska's ESRI software licenses were used initially for the pilot project. Since then the Office of the CIO has purchased the required software licenses that are currently being installed at the OCIO.

The initial NebraskaMAP pilot project funding and project manager's time will be ending December 31st. As required by the initial NebraskaMAP Project Charter, the NebraskaMAP Work Group has recommended that a minimum of one FTE is required to continue support for this collaborative effort. The GIS Council responded to this Work Group recommendation by recommending that the OCIO undertake support for the NebraskaMAP effort and that a GIS Service Bureau be created within the OCIO to provide support for the NebraskaMAP effort and to provide other GIS services to public agencies. The recommendation of establishing the GIS Service Bureau at the OCIO was brought to the NITC as an informational item at the July NITC meeting.

The Office of the CIO provided a response to the GIS Council regarding the Council's GIS Services Bureau recommendation at its November 3, 2010 meeting. The OCIO proposal focused on providing a limited set of GIS shared services focused on providing support for the NebraskaMAP and assisting agencies to utilize this shared infrastructure, support for priority statewide GIS database efforts, and a commitment to work with the GIS Council and member agencies on short and long-term funding solutions as well as a study of the longer-term needs study for GIS shared services. All of these proposals were made contingent upon available funding. The GIS Council voted to rescind their earlier recommendation to establish a GIS Service Bureau and to accept the Office of the CIO's GIS Shared Services proposal as a means to move forward with NebraskaMAP.

Douglas, Sarpy and Lancaster counties and other cities and counties have collectively acquired high resolution aerial imagery project through NIROC (Nebraska-Iowa Regional Orthophotography Consortium) project. Approximately 4,000 square miles of imagery have been acquired for Nebraska's more urbanized areas. Updated aerial imagery data will be uploaded into NebraskaMAP.

A statewide database of street centerlines and addresses is a priority dataset for many GIS applications. For some applications, such as the Nebraska State Patrol's statewide computer aided dispatch system, this is a critical component. In Nebraska, and many other states, the development and maintenance of this key dataset has been a problem, in large part because there is no obvious agency that has overall responsibility. In Nebraska, quite a significant amount of public resources are spent developing different pieces and components of this data by multiple state and local agencies to meet their particular needs, with different standards, and with no agency having the responsibility to piece together or integrate this data into a composite, normalized statewide dataset. Because of the widespread need for this data, a significant portion of the NebraskaMAP Project Manager's staff time was diverted to create a one-time statewide dataset by integrating the data from multiple sources. This statewide dataset is now available, but it is a one-time snapshot of dynamic data and there is no mechanism currently in place to maintain a current statewide dataset. The Nebraska Public Service Commission funds the development and maintenance of this type of data for a large portion of Nebraska to support E911 efforts. Unfortunately this NPSC data is maintained as separate county data files. This approach works for most E911 efforts, but it is difficult, costly, and repetitive to integrate these separate PSC-funded county datasets into a statewide dataset. A few months ago the PSC released a docket requesting information on the concept of statewide maintenance of E911 GIS data, instead of the current county-by-county effort. The GIS Council responded to that PSC docket by strongly recommending that the PSC consider a coordinated statewide effort. Since the last GIS Council meeting, the PSC has issued an order which determined "that it does not have the authority to enter into a statewide contract on behalf of individual public safety answering points for the provision of maintenance services for GIS data necessary for the provision of Enhanced Wireless 911 service." So the PSC's decision will likely result in the adoption of an even more decentralized approach to maintaining this critical data. That decision will leave the state in a situation where a significant amount of public resources will continue to be expended by several different agencies on this type of data and yet the broader needs of the State Patrol, and other state agencies for a current,

statewide street centerline-address dataset will continue to be unmet, with no clear agency responsible for resolving this situation.

An RFP is being drafted to solicit the assistance of a vendor to help develop an integrated, statewide GIS strategic plan for the geographic area of Nebraska. This effort will be funded by a USGS-FGDC CAP (U.S. Geological Service & Federal Geographic Data Committee Cooperative Agreements Programs) grant awarded to the OCIO on behalf of the GIS Council.

The existing NITC Land Record Information and Mapping Standards are being reviewed and updated. It will be a likely action item at the next NITC meeting.

Public Comment. Mr. Tom Larsen, retired CPA and current Board Member of GIS Workshop, requested to make public comment about the GIS Service Bureau. He expressed the concerns of the proposal from his point of view and those of GIS Workshop as a provider of these services today.

REPORT - TECHNICAL PANEL, Walter Weir, Chair, Technical Panel

Membership. Steve Henderson was Brenda Decker's alternate on the Technical Panel. Jayne Scofield, I.T. Administrator for Network Services had been nominated to replace Mr. Henderson. .

Commissioner Kristensen moved approval of the Technical Panel's nomination of [Jayne Scofield](#) as an Alternate Member. Commissioner Hedquist seconded. Roll call vote: Kristensen-Yes, Huggenberger-Yes, Hoelsing-Yes, Hedquist-Yes, Sheehy-Yes, Peterson-Yes, and Park-Yes. Results: Yes-7, No-0, Abstained-0. Motion carried.

Standards and Guidelines – New: NITC 4-205 Social Media Guidelines. The standard was developed by the State's webmasters work group to provide guidelines for use of social media by state agencies.

Commissioner Park moved approval of the [NITC 4-205: Social Media Guidelines](#). Commissioner Hoelsing seconded. Roll call vote: Hoelsing-Yes, Huggenberger-Yes, Kristensen, Park-Yes, Peterson-Yes, Sheehy-Yes, and Hedquist-Yes. Results: Yes-7, No-0, Abstained-0. Motion carried.

[Enterprise Projects - Status Report](#). The November 7, 2010 Enterprise Project Status Dashboard was distributed to Commissioners. A question was raised regarding the MMIS project status. When the agency determines next steps, it will be included. The Enterprise Content Management project is now with the Office of the CIO and not the Secretary of State's office.

[BATELLE STUDY: NEBRASKA COMPETITIVE ADVANTAGE ASSESSMENT \(Executive Summary\)](#), Richard Baier, Director, Nebraska Department of Economic Development

Batelle recently completed a study of Nebraska's competitiveness. The report identified five industry clusters as current strengths, including financial services; transportation, warehousing and distribution logistics; precision metals manufacturing, biosciences, and renewable energy. Three clusters were identified as emerging strengths or opportunities: research and development and engineering services, health services, and hospitality and tourism. Agriculture and food processing, business management and administrative services, software and computer services, and agricultural machinery were identified as retention targets. Mr. Baier indicated that there are updated charts with 2009 data available on the department's website. He informed the Commission that the Legislature has set up a long-term planning committee chaired by Senator Harms of Scottsbluff to follow-up with the proposed Nebraska innovation initiative. Commissioners had an opportunity to ask questions.

OTHER BUSINESS

There was no other business.

ADJOURN

The Office of the CIO will contact commissioners to schedule the next meeting.

Commissioner Hedquist moved to adjourn. Commissioner Park seconded. All were in favor motion carried.

The meeting was adjourned at 3:55 p.m.

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

February 23, 2011

To: NITC Commissioners
From: Anne Byers
Subject: Community Council Report

Broadband Map. The national broadband map was released on Thursday, Feb. 17. The map is available at broadbandmap.gov/. The Nebraska map is available at broadbandmap.nebraska.gov.

Broadband Planning. A series of regional forums is planned to present information from the Nebraska broadband map and to kick off regional broadband planning efforts. The dates and locations of the forums are listed below:

March 23 -- Norfolk, Learning Center, 801 E. Benjamin

March 30 -- Gering, Civic Center, 1050 M St.

March 31 -- Valentine, 4-H Building, 120 N. Green

April 6 -- North Platte, Quality Inn Convention Center, 2102 S. Jeffers

April 7 -- McCook, Mid-Plains Enterprise Center, 1205 E. Third

April 13 -- Lincoln, Embassy Suites, 1040 P St.

April 14 -- Minden, Opera House, 322 E. Fifth

April 28 -- Omaha, Chamber of Commerce, 1301 Harney

All sessions will be from 1-4 p.m.

Community Council Meeting. The Community Council will meet on March 18 to discuss the broadband map, upcoming forums, and other broadband planning activities.

February 23, 2011

To: NITC Commissioners
From: Anne Byers
Subject: eHealth Council Report

eHealth Plans. Nebraska's Strategic and Operational eHealth Plans were approved by the U.S. Department of Health and Human Services' Office of the National Coordinator on Nov. 5, 2010. The eHealth Council affirmed the plans by e-mail vote in January 2011. Several members also noted minor corrections. The eHealth plans have been updated to incorporate the corrections. 2011 eHealth goals and timelines for implementing a statewide provider directory and continuity of care document have also been added as an appendix. The eHealth plans are available from the NITC's website (www.nitc.nebraska.gov).

2011 eHealth Goals. The eHealth Council approved 2011 eHealth goals via e-mail. The goals are included in the meeting materials.

State HIE Cooperative Agreement Progress Report. On Dec. 1, 2010, the State of Nebraska received an updated notice of award allowing us to access implementation funding. NeHII has been working on adding additional functionality, including developing a provider directory and continuity of care document. NeHII is also continuing efforts to recruit additional hospitals and physicians. Creighton University Medical Center, Community Hospital in Falls City, and Beatrice Community Hospital are in the process of connecting to NeHII. Currently over 1,300 physicians and staff and 15 hospitals are utilizing NeHII. The Electronic Behavioral Health Information Network (eBHIN) will go live with a pilot project connecting behavioral health providers in Southeast Nebraska in late March. There has also been an uptick in expenditures. Approximately \$1.4 million has been expended this quarter. A progress report is included in the meeting materials.

Membership. The eHealth Council was scheduled to recommend renewing the terms of several members and approving nominations for new members on Jan. 11, 2010. Unfortunately the meeting was canceled due to potentially hazardous driving conditions following a snowstorm. You can expect to see a slate of membership renewals and nominations at your next meeting.

eHealth Council Meeting. The eHealth Council will meet on April 1.

Appendix C 2011 Nebraska eHealth Goals

Connectivity Goals—2011	Baseline—2010	Target—End of 2011
Hospitals	NeHII <ul style="list-style-type: none"> • 15 hospitals • 13% of Nebraska hospitals • 39% of hospital beds 	NeHII <ul style="list-style-type: none"> • 21 hospitals • 22% of Nebraska hospitals • 45% of hospital beds eBHIN <ul style="list-style-type: none"> • 1 hospital
Providers	NeHII <ul style="list-style-type: none"> • 1,288 total users, including physicians, mid-levels, nurses, pharmacists, and staff • 500 Physician and Physician Extenders out of 4,266 in state <ul style="list-style-type: none"> • 12% of physicians and physician extenders 	NeHII <ul style="list-style-type: none"> • 2,000 total users, including physicians, mid-levels, nurses, pharmacists, and staff • 900 physicians and physician extenders out of 4,266 in state <ul style="list-style-type: none"> • 21% of physicians and physician extenders eBHIN <ul style="list-style-type: none"> • 776 providers out of 3,929 behavioral health providers • 20% of behavioral health providers
Health Plans	<ul style="list-style-type: none"> • 1 health plan (BlueCross BlueShield of Nebraska) currently participates 	<ul style="list-style-type: none"> • 1 health plan • Note: By mid-2011, Nebraska’s Medicaid program will have submitted its State Medicaid HIT Plan. The plan will include recommendations on how Nebraska Medicaid will participate in health information exchange.
Lab Connectivity Goals	NeHII <ul style="list-style-type: none"> • 0 out of six independent reference labs • 10 hospital labs out of 90 hospital labs • 10% of 96 hospital and major independent reference labs 	NeHII <ul style="list-style-type: none"> • 1 out of six independent reference labs • 21 hospital labs out of 90 hospital labs • 21% of hospital and independent reference labs eBHIN <p>N/A. eBHIN will most likely go through NeHII for laboratory information.</p>

Public Health Goals	Baseline—2010	Suggested 2011 Target
# of providers submitting data to the immunization registry	238	An increase of 20% to 286
# of labs submitting data to NEDSS	12	An increase of 30% to 16
# of hospitals submitting data to the syndromic surveillance system	6	16

E-Prescribing Goals—2011	Baseline--End of 2009	End of 2011
Pharmacists	<ul style="list-style-type: none"> • 78% of community pharmacists activated for e-prescribing <p>Here are the 2009 statistics for some of our neighboring states: CO--93% KS--82% SD--80% IA--87% WY—86%</p>	<ul style="list-style-type: none"> • 90% of community pharmacists activated for e-prescribing
Physicians/ Prescribers	<ul style="list-style-type: none"> • 11% of physicians in Nebraska routed prescriptions electronically <p>Here are the 2009 statistics for some of our neighboring states: CO--18% KS--22% SD--26% IA--48% WY--12%</p> <p>Iowa jumped from just 12% of physicians e-prescribing in 2008 to 48% in 2009.</p>	<ul style="list-style-type: none"> • 50% of physicians in Nebraska routing prescriptions electronically

Nebraska HIE Cooperative Agreement
Quarterly Progress Report
Jan. 2011

Overview

On March 15, 2010, the State of Nebraska, Division of Administrative Services, Nebraska Information Technology Commission (NITC) received a \$6.8 million award from the State HIE Cooperative Agreement program administered by the U.S. Department of Health and Human Services Office of the National Coordinator for Health Information Technology. The NITC eHealth Council has developed strategic and operational plans which are guiding the implementation of the grant. Plans are available from the NITC website (www.nitc.nebraska.gov). The State of Nebraska is working with NeHII, eBHIN, the Nebraska Department of Health and Human Services, and the Nebraska Hospital Association Research and Education Foundation on behalf of the Nebraska Statewide Telehealth Network to implement the grant.

Highlights

- **Nebraska's operational and strategic eHealth Plans were approved by the Office of the National Coordinator on Nov. 5. The State of Nebraska received a revised Notice of Award on Dec. 1, allowing access to the program's implementation funds.**

- **NeHII continued to expand its operations.**
 - Creighton University Medical Center and Creighton Medical Associates implementation meetings continued with planning go live in March 2011. Implementation meetings began with Community Medical Center in Falls City and Beatrice Community Hospital.
 - Over 34,000 patients were added to the total patient count. 2.4 million results were added by hospitals and physicians and 170 new users were added, trained and began using the Exchange.
 - On-going activities continue to bring additional providers on NeHII. Home Health providers are now using NeHII and efforts to add pharmacists, optometrists and chiropractors continue.
 - NeHII continues to provide its Privacy and Security Policies to states requesting the policies. There is no charge for these policies under an open-source agreement.
 - NeHII continues to investigate additional revenue options designed to achieve sustainability through program use. The claims clearinghouse functionality was implemented during the fourth quarter. NeHII continues to provide HIE Advisory consulting to numerous states.
 - Presentations and approvals for the following functionality is in progress: NHIN and PHR Gateways, Immunization Gateway, Disease Registries, Reporting, Quality Analytics, Decision Support, Image Sharing, and Two Factor Authentication.

- NeHII has been meeting regularly with the Nebraska Department of Health and Human Services Division of Public Health to plan for connecting the state's immunization registry, electronic disease surveillance system (NEDSS), and syndromic surveillance system. Axolotl anticipates having the required module developed by March.
- **eBHIN made significant progress toward implementation of its HIE with a planned go live date of March 29, 2011.**
 - The eBHIN team has continued to work with the NextGen development team on the configuration of the system to deliver the required functionality.
 - NextGen and eBHIN organized together a formal HIE Implementation "Kick-Off" event. More than 50 participants attended.
 - eBHIN's Technology Consultant, Rich Marreel, the Data Center Administrator and the Technology Standards Committee finalized the hardware and software requirements for the Data Center.
 - The eBHIN Board of Directors has entered into an Interim Agreement for Data Center co-location and System Administration Services with the Heartland Community Health Care Network in order to expedite installation of the system. A comprehensive services contract is in the process of finalization.
 - In this last quarter, eBHIN finalized the Master Intercompany Services Agreement that will be utilized among all Network participants. Formal issue of the contract to all Network Participants is planned for January 2011 for execution prior to "Go Live" on March 29th, 2011.
 - eBHIN and NextGen conducted a Shared Record Design Finalization workshop where more than 50 provider representatives participated.
 - The process for upload of information from the eBHIN HIE to Magellan Behavioral Health continues to be defined.
 - eBHIN has continued development of an Operations Manual that adapts the existing NeHII Operations Manual.
- **Lt. Governor Rick Sheehy and project partners have participated in national meetings and committees.**
 - Lt. Governor Rick Sheehy, Anne Byers, and Deb Bass attended the ONC All Grantee meeting in Washington, D.C. from Dec. 14 to Dec. 16.
 - Wende Baker and Anne Byers participated in a National Governors Association discussion on the exchange of behavioral health information in Washington, D.C. on Dec. 10.
 - Deb Bass was selected to join the Advisory Committee of the Privacy & Security Community of Practice (CoP) as part of the State Health Information Exchange Cooperative Agreement Program.

- **Lt. Governor Rick Sheehy and project partners have coordinated HIE activities within the state and involved stakeholders.**
 - The planning/implementation team which includes representatives of the Nebraska Information Technology Commission, NeHII, eBHIN, and the NDDHS Division of Medicaid and Long-Term Care meet weekly. Biweekly meetings are held with the ONC Project Officer and Lt. Governor Sheehy.
 - The eHealth Council reactivated the E-Prescribing Work Group. The initial meeting was held Nov. 30.
 - NeHII and eBHIN held public events in November to share progress and answer questions.
- **Baseline data for 2010 was collected and targets were developed.** The eHealth Council was expected to approve the targets at their meeting scheduled for Jan. 11. Unfortunately, the meeting had to be canceled due to inclement road conditions and very cold temperatures across much of the state. A meeting will be rescheduled later.

Baseline Data and Targets

Connectivity Type	Baseline—2010	Target—End of 2011
Hospitals	<p>NeHII</p> <ul style="list-style-type: none"> • 15 hospitals • 13% of Nebraska hospitals • 39% of hospital beds 	<p>NeHII</p> <ul style="list-style-type: none"> • 21 hospitals • 22% of Nebraska hospitals • 45% of hospital beds <p>eBHIN</p> <ul style="list-style-type: none"> • 1 hospital
Providers	<p>NeHII</p> <ul style="list-style-type: none"> • 1,288 total users, including physicians, mid-levels, nurses, pharmacists, and staff • 500 Physician and Physician Extenders out of 4,266 in state <ul style="list-style-type: none"> • 12% of physicians and physician extenders 	<p>NeHII</p> <ul style="list-style-type: none"> • 2,000 total users, including physicians, mid-levels, nurses, pharmacists, and staff • 900 physicians and physician extenders out of 4,266 in state <ul style="list-style-type: none"> • 21% of physicians and physician extenders <p>eBHIN</p> <ul style="list-style-type: none"> • 776 providers out of 3,929 behavioral health providers • 20% of behavioral health providers
Health Plans	<ul style="list-style-type: none"> • 1 health plan (BlueCross BlueShield of Nebraska) currently participates 	<ul style="list-style-type: none"> • 1 health plan • Note: By mid-2011, Nebraska’s Medicaid program will have submitted its State Medicaid HIT Plan. The plan will include recommendations on how Nebraska Medicaid will participate in health information exchange.
Lab Connectivity	<p>NeHII-2010 Baseline</p> <ul style="list-style-type: none"> • 0 out of six independent reference labs • 10 hospital labs out of 90 hospital labs • 10% of 96 hospital and major independent reference labs 	<p>NeHII</p> <ul style="list-style-type: none"> • 1 out of six independent reference labs • 21 hospital labs out of 90 hospital labs • 21% of hospital and independent reference labs <p>eBHIN</p> <p>N/A. eBHIN will most likely go through NeHII for laboratory information.</p>

Public Health Goals	Baseline—2010	Suggested 2011 Target
# of providers submitting data to the immunization registry	238	An increase of 20% to 286
# of labs submitting data to NEDSS	12	An increase of 30% to 16
# of hospitals submitting data to the syndromic surveillance system	6	16

E-Prescribing Goals—2011	Baseline--End of 2009	End of 2011
Pharmacists	<ul style="list-style-type: none"> 78% of community pharmacists activated for e-prescribing 	<ul style="list-style-type: none"> 90% of community pharmacists activated for e-prescribing
Physicians/Prescribers	<ul style="list-style-type: none"> 11% of physicians in Nebraska routed prescriptions electronically 	<ul style="list-style-type: none"> 50% of physicians in Nebraska routing prescriptions electronically

Expenditures by Quarter

Quarter	NeHII	eBHIN	State of Nebraska	Total
2 nd Quarter 2010	\$205,686.40	0	\$10,919.60	\$216,606.00
3 rd Quarter 2010	\$193,007.76	\$74,436.72	\$8,711.05	\$276,155.53
4 th Quarter 2010	\$127,037.09	\$16,776.27	\$12,207.01	\$156,020.37
Total	\$525,731.25	\$91,212.99	\$31,837.66	\$648,781.90

NeHII Fact Sheet
December 31, 2010

NeHII Application for Statewide HIE

- Based on hybrid federated model
- Uses an opt out platform
- HIPAA Compliant
- Utilizes Elysium software developed by Axolotl
- CCHIT Certified
- www.nehii.org

Implementation Seed Capital

- Class B membership dues paid
 - Alegent Health, Children's Hospital and Medical Center, Methodist Health System, The Nebraska Medical Center
 - BlueCross and BlueShield of Nebraska
- Nebraska Information Technology Commission (NITC) Grant
- ONC State Cooperative Agreement Program

Participant Information

- Participants include:
 - Alegent Health System, Children's Hospital and Medical Center, Methodist Health System, The Nebraska Medical Center, Mary Lanning Memorial Hospital, Great Plains Regional Medical Center
 - BlueCross and BlueShield of Nebraska

Statewide HIE

- Statewide rollout began in July 2009
- Statewide Integrator designated in September 2009
- 501(c)(3) status received in November 2009

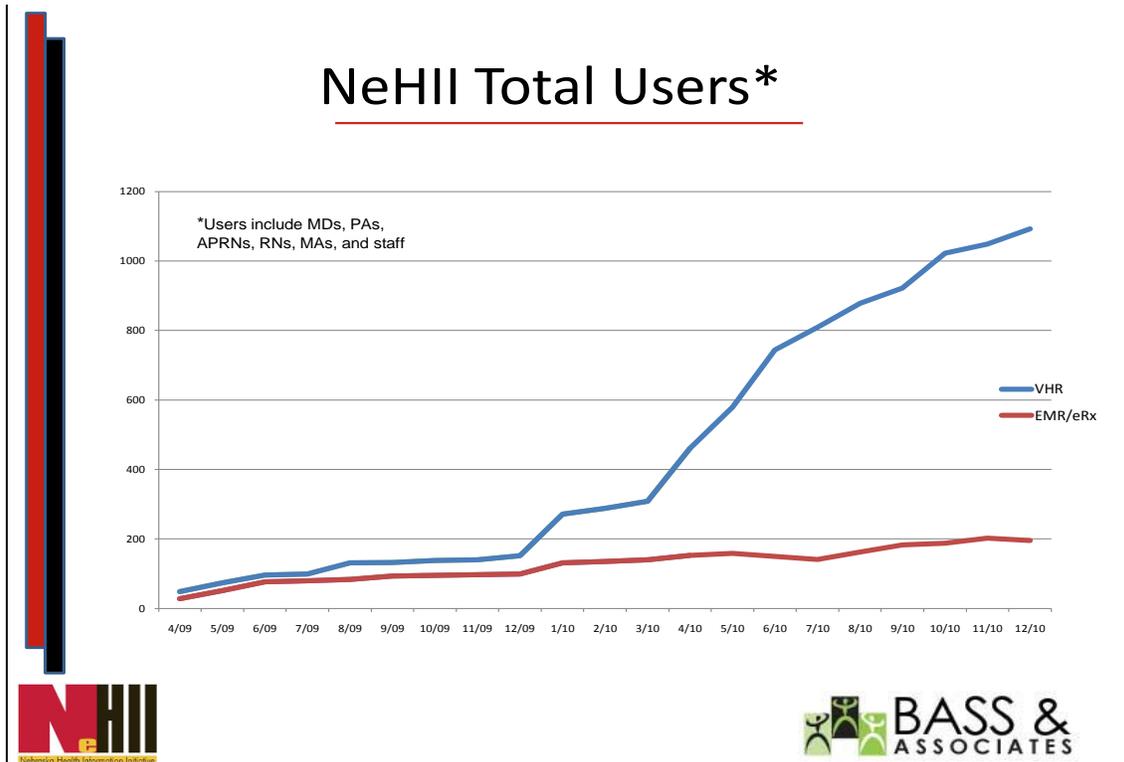
Latest News

- Dr. David Blumenthal, National Coordinator for HIT, visits Omaha - [World Herald Article](#) - July 22, 2010
- Joining NeHII are Community Medical Center in Falls City and Creighton University Medical Center

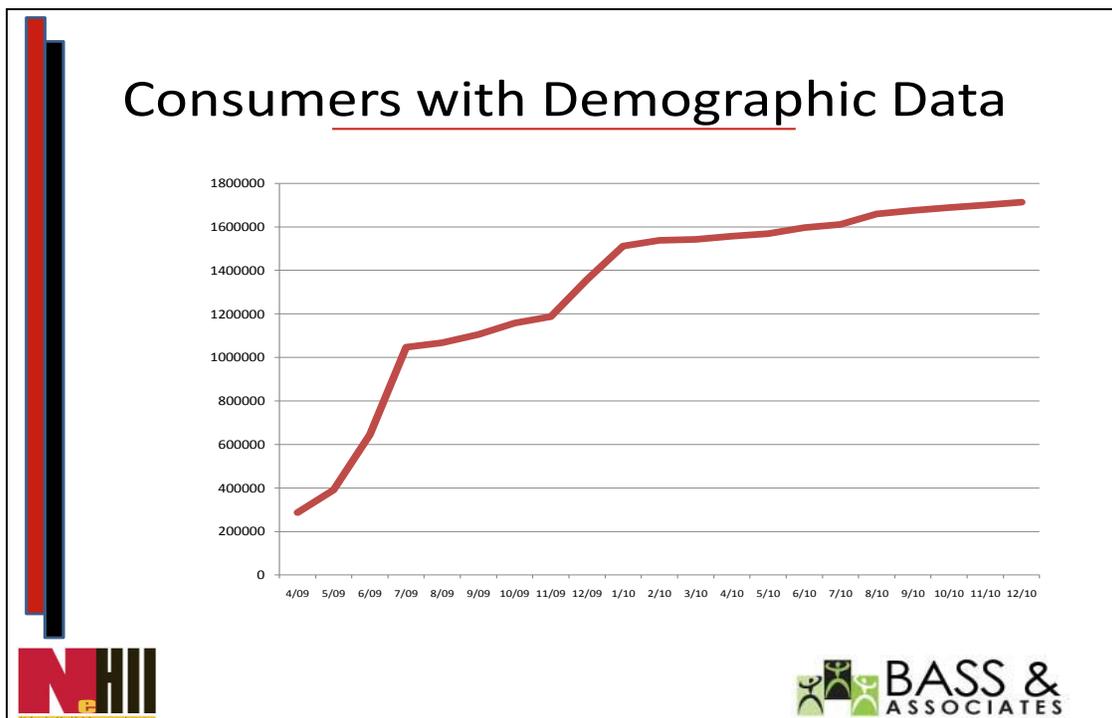
Updated Statistics as of: December 31, 2010

Patient demographics across the state	1,713,831	
• Total patients that have Opted Out	43,600	2.54%
• Total patients Opting back In	2,919	6.69%
Provider Information		
• Number of users accessing the VHR	1,093	
• Number of users accessing the EMR	195	
Number of requests in the system:		
• Percentage of requests completed in less than 2 seconds		93.69%
Number of prescriptions sent electronically, faxed or printed	28,827	
• Electronic		96.88%
• Printed		1.64%
• RxHUB Mail Order		1.48%
Number of results sent to Exchange	16,737,011	
• LAB	12,001,481	
• RAD	2,898,101	
• Transcription	1,837,429	

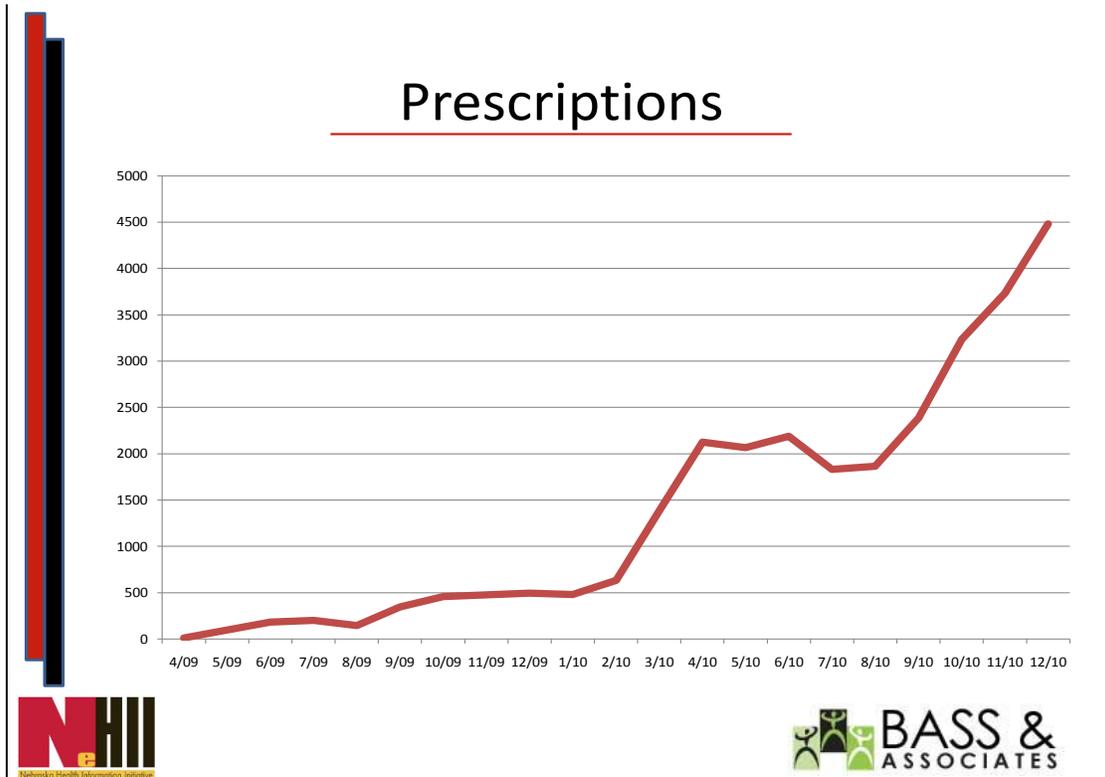
The following graph reflects the **Total** users on NeHII since April 2009.



The following graph reflects the Consumers with demographic data that NeHII has tracked since April 2009.



The following graph reflects the prescriptions that have been issued since April 2009.



Benchmarks and Targets

Measures—NeHII	Jan. - March 2010 Actual	April - June 2010 Actual	July-Sept. 2010 Actual	Oct.- Dec. 2010 Actual
Number of Clients				
<ul style="list-style-type: none"> Number of clients in the Master Patient Index 	1,544,570	1,592,430	1,679,004	1,713,831
<ul style="list-style-type: none"> Number of Nebraska clients in the Master Patient Index 	1,138,107	1,175,133	1,242,462	1,270,379
<ul style="list-style-type: none"> Total patients that have Opted Out 	27,032	33,623	39,686	43,600
<ul style="list-style-type: none"> Total patients Opting back In 	2,092	2,367	2,670	2,919
Provider Information				
<ul style="list-style-type: none"> Number of successful matches within a facility/across the community 	155,642	184,589	213,130	234,750
<ul style="list-style-type: none"> Number of physicians and staff using the Virtual Health Record (VHR) 	296	745	922	1,093
<ul style="list-style-type: none"> Number of physicians and staff using the EMR 	137	160	183	195
<ul style="list-style-type: none"> Total number of physicians using VHR or the EMR 	327	446	508	528
Hospital Information				
<ul style="list-style-type: none"> Number of hospitals participating 	8	9	15	15
<ul style="list-style-type: none"> % of hospitals participating 	8	10	13	13
<ul style="list-style-type: none"> Percent of hospital beds covered 	36	40	39	39
Public Health Information				
<ul style="list-style-type: none"> State systems connected 	0	0	0	0
<ul style="list-style-type: none"> Local health departments connected 	0	0	0	0
<ul style="list-style-type: none"> Percent of public health departments connected 	0	0	0	0
Payer Information				
<ul style="list-style-type: none"> Number of payers participating 	1	1	1	1
Laboratory and Imaging Facility Information				
<ul style="list-style-type: none"> Number of labs and imaging facilities connected 	3	9	9	9
<ul style="list-style-type: none"> Percent of lab and imaging facilities connected 	0	.5	.5	.5
Specialty Exchange Connections				
<ul style="list-style-type: none"> Number of specialty exchanges 	0	0	0	0

connected				
Number of Requests in the System:				
• Total Requests completed since May 1, 2009	412,190	624,575	840,531	1,109,132
• Total Requests completed in less than 2 seconds	396,032	486,338	684,628	1,039,159
• Requests completed this quarter	116,664	212,385	215,956	268,601
Total Number of Prescriptions Sent Electronically, Faxed or Printed				
• Electronic	4,757	10,921	17,376	28,828
• Printed	127	269	301	474
• RxHUB Mail Order	31	104	174	425
Number of prescriptions sent this quarter	2,499	6,379	6,082	11,452
Total Number of Results Sent to Exchange				
• LAB	6,633,699	8,457,109	10,219,936	12,004,862
• RAD	1,838,874	2,181,762	2,785,194	3,111,723
• Transcription	947,739	1,258,408	1,697,609	1,999,489
Number of Results Sent to Exchange this Quarter				
• LAB	1,716,315	1,823,410	1,762,827	1,784,926
• RAD	399,993	342,888	603,432	326,529
• Transcription	305,813	310,669	439,201	301,880
Meaningful Use Measures Offered				
• Number of Meaningful Use measures offered	3	3	3	3

Meaningful Use Measures Currently Offered:

- E-prescribing
- Electronically exchanging key clinical information
- Electronically checking insurance eligibility information



Dave Heineman
Governor

STATE OF NEBRASKA

OFFICE OF THE CHIEF INFORMATION OFFICER

Brenda L. Decker
Chief Information Officer
P.O. Box 95045
Lincoln, Nebraska 68509-5045
402-471-3560

To: Network Nebraska Participant
Mike Calvert, Legislative Fiscal Office

From: Brenda L. Decker, State CIO

Date: November 15, 2010

RE: Network Nebraska Detailed Cost Report

Pursuant to Neb.Rev.Stat. 86-5,100 [As amended by LB1071, § 43 (2010)], the Office of the Chief Information Officer has prepared a financial report of actual revenue and expenses dating back to the inception of Network Nebraska—Education, July 2006. This report is to be provided annually to each Network Nebraska—Education participant and to the Legislative Fiscal Office.

The first page of the report is the summary of the Participation Fee, Interregional Transport Fee, and Renovo Software, from FY 2006-07 through FY2009-2010. Subsequent pages provide additional detail for each year and for each subcategory.

If you have any questions about this report, you may contact Steve Schafer, IT Administrator for Financial and Customer Management, Office of the CIO, steve.schafer@nebraska.gov or 402-471-4385.

Copies of this report can be downloaded from www.networknebraska.net.

Neb.Rev.Stat. 86-5,100 The Chief Information Officer, in partnership with the University of Nebraska, shall develop and maintain a statewide, multipurpose, high capacity, scalable telecommunications network to be called Network Nebraska...The Chief Information Officer shall establish a cost structure based on actual costs, including necessary administrative expenses but not including administrative travel or conference expenses, and shall charge participants according to such cost structure. The Chief Information Officer shall annually provide a detailed report of such costs to each participant and to the Legislative Fiscal Analyst.

NETWORK NEBRASKA (Distance Education)

	FY 2007	FY 2008	FY 2009	FY 2010	TOTAL
REVENUE					
Interregional Transport Fee	\$ -	\$ -	\$ 82,241	\$ 101,844	\$ 184,085
Participation Fee	\$ -	\$ 188,001	\$ 431,604	\$ 531,416	\$ 1,151,021
Renovo	\$ 99,093	\$ 316,933	\$ 699,004	\$ 112,700	\$ 1,227,730
Total:	\$ 99,093	\$ 504,934	\$ 1,212,849	\$ 745,960	\$ 2,562,836
EXPENSES					
Salaries\Benefits	\$ -	\$ 38,610	\$ 81,807	\$ 84,785	\$ 205,202
Communication Expenses	\$ -	\$ 127,019	\$ 163,020	\$ 181,186	\$ 471,225
Contractual Services	\$ 37,732	\$ 137,849	\$ 221,152	\$ 364,341	\$ 761,074
Software	\$ 130,523	\$ 195,595	\$ 699,004	\$ 112,700	\$ 1,137,822
Indirect Costs	\$ -	\$ 11,769	\$ 38,826	\$ 34,267	\$ 84,862
Other Operating Expenses	\$ 17,165	\$ 56,633	\$ 14,412	\$ 1,313	\$ 89,523
Total:	\$ 185,420	\$ 567,475	\$ 1,218,221	\$ 778,592	\$ 2,749,708
					\$ -
Variance	\$ (86,327)	\$ (62,541)	\$ (5,372)	\$ (32,632)	\$ (186,872)
				FY 2010 E-rate	\$ 161,473
					\$ (25,399)

Service	FY 2007	FY 2008	FY 2009	FY 2010	Deferred	TOTAL
RENOVO						
Revenue	\$ 99,093	\$ 316,933	\$ 699,004	\$ 112,700		\$ 1,227,730
Expenses	\$ 185,420	\$ 230,606	\$ 699,004	\$ 112,700	\$ -	\$ 1,227,730
Variance	\$ (86,327)	\$ 86,327	\$ -	\$ -		\$ -
PARTICIPATION FEE						
Revenue	\$ -	\$ 188,001	\$ 431,604	\$ 531,416		\$ 1,151,021
Expenses	\$ -	\$ 336,869	\$ 356,197	\$ 484,706	\$ -	\$ 1,177,772
Variance	\$ -	\$ (148,868)	\$ 75,407	\$ 46,710		\$ (26,751)
INTERREGIONAL TRANSPORT FEE						
Revenue	\$ -	\$ -	\$ 82,241	\$ 101,844	\$ 161,473	\$ 345,558
Expenses	\$ -	\$ -	\$ 163,020	\$ 181,186		\$ 344,206
Variance	\$ -	\$ -	\$ (80,779)	\$ (79,342)	\$ 161,473	\$ 1,352
TOTAL:						
Revenue	\$ 99,093.00	\$ 504,934.00	\$ 1,212,849.00	\$ 745,960.00	\$ 161,473	\$ 2,724,309.00
Expenses	\$ 185,420.00	\$ 567,475.00	\$ 1,218,221.00	\$ 731,528.00	\$ -	\$ 2,749,708.00
Variance	\$ (86,327)	\$ (62,541)	\$ (5,372)	\$ (32,632)	\$ 161,473	\$ (25,399)

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 - B Participation Fee**
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 - C Interregional Transport Fee**
 - D Renovo**

- 4 A Income Statement - 2010**
 - B Participation Fee**
 - C Interregional Transport Fee**
 - D Renovo**

NETWORK NEBRASKA (Distance Education)
INCOME STATEMENT
For The Year Ending June 30, 2007

REVENUE

Interregional Transport Fee	\$	-
Participation Fee	\$	-
Renovo	\$	99,932

Total: \$ 99,932

EXPENSES

Salaries\Benefits	\$	-
Communication Expenses	\$	-
Contractual Services	\$	37,732
Software	\$	130,523
Indirect Costs	\$	-
Other Operating Expenses	\$	17,165

Total: \$ 185,420

Positive/Negative Variance: \$ (85,488)

NETWORK NEBRASKA (Distance Education)
INCOME STATEMENT
For The Year Ending June 30, 2008

REVENUE

Interregional Transport Fee	\$	-
Participation Fee	\$	188,001
Renovo	\$	316,933

Total: \$ 504,934

EXPENSES

Salaries\Benefits	\$	38,610
Communication Expenses	\$	127,019
Contractual Services	\$	137,849
Software	\$	195,595
Indirect Costs	\$	11,769
Other Operating Expenses	\$	56,633

Total: \$ 567,475

Positive/Negative Variance: \$ (62,541)

NETWORK NEBRASKA (Distance Education)
INCOME STATEMENT
For The Year Ending June 30, 2009

REVENUE

Interregional Transport Fee	\$	82,241
Participation Fee	\$	431,604
Renovo	\$	699,004

Total: \$ 1,212,849

EXPENSES

Salaries\Benefits	\$	81,807
Communication Expenses	\$	163,020
Contractual Services	\$	221,152
Software	\$	699,004
Indirect Costs	\$	38,826
Other Operating Expenses	\$	14,412
Startup Costs	\$	49,623

Total: \$ 1,267,844

Positive/Negative Variance: \$ (54,995)

**NETWORK NEBRASKA (Distance Education)
INCOME STATEMENT - Participation Fee
For The Year Ending June 30, 2009**

REVENUE

Participation Fee	\$	431,604	
Total:			\$ 431,604

EXPENSES

Salaries\Benefits	\$	81,807	
Communication Expenses			
Contractual Services	\$	221,152	
Software			
Indirect Costs	\$	38,826	
Other Operating Expenses	\$	14,412	
Start Up Costs	\$	49,623	
Total:			\$ 405,820

Positive/Negative Variance: \$ 25,784

NETWORK NEBRASKA (Distance Education)
INCOME STATEMENT - Interregional Transport Fee
For The Year Ending June 30, 2009

REVENUE

Interregional Transport Fee	\$	82,241
Total:	\$	82,241

EXPENSES

Salaries\Benefits		
Communication Expenses	\$	163,020
Contractual Services		
Software		
Indirect Costs		
Other Operating Expenses		
Total:	\$	163,020

Positive/Negative Variance: **\$** **(80,779)**

Footnote: Revenue - a \$126,285 check from the federal E-rate program was issued to cover approximately 63% of the backbone costs but appears as FY 2010 credit against expenses. This was the fiscal year in which the funds were received; Expenses associated with the backbone incurred but not realized in this fiscal year totaled \$36,325 due to delayed billing by the telecommunications provider.

NETWORK NEBRASKA (Distance Education)
INCOME STATEMENT - Renovo
For The Year Ending June 30, 2009

REVENUE

Renovo

\$ 699,004

Total:

\$ 699,004

EXPENSES

Salaries\Benefits

Communication Expenses

Contractual Services

Software

\$ 699,004

Indirect Costs

Other Operating Expenses

Total:

\$ 699,004

Positive/Negative Variance:

\$ -

NETWORK NEBRASKA (Distance Education)
INCOME STATEMENT
For The Year Ending June 30, 2010

REVENUE

Interregional Transport Fee	\$	101,844	
Participation Fee	\$	531,416	
Renovo	\$	112,700	
Total:			\$ 745,960

EXPENSES

Salaries\Benefits	\$	84,785	
Communication Expenses	\$	181,186	
Contractual Services	\$	364,341	
Software	\$	112,700	
Indirect Costs	\$	34,267	
Other Operating Expenses	\$	1,313	
Startup Costs	\$	49,623	
Total:			\$ 828,215

Positive/Negative Variance: \$ (82,255)

NETWORK NEBRASKA (Distance Education)
INCOME STATEMENT - Participation Fee
For The Year Ending June 30, 2010

REVENUE

Participation Fee	\$	531,416	
Total:		\$	531,416

EXPENSES

Salaries\Benefits	\$	84,785	
Communication Expenses			
Contractual Services	\$	364,341	
Software			
Indirect Costs	\$	34,267	
Other Operating Expenses	\$	1,313	
Startup Costs	\$	49,623	
Total:		\$	534,329

Positive/Negative Variance: \$ (2,913)

NETWORK NEBRASKA (Distance Education)
INCOME STATEMENT - Interregional Transport Fee
For The Year Ending June 30, 2010

REVENUE

Interregional Transport Fee	\$	101,844
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Total:	\$	101,844
--------	----	---------

EXPENSES

Communication Expenses	\$	181,186
------------------------	----	---------

Total:	\$	181,186
--------	----	---------

Positive/Negative Variance:	\$	(79,342)
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Footnote: Revenue - a \$161,473 check from the federal E-rate program will be issued to cover approximately 63% of the backbone costs. These funds will be received and recorded in the upcoming fiscal year. Expenses associated with the backbone incurred but not realized in this fiscal year totaled \$76,959 due to delayed billing by the telecommunications provider.

NETWORK NEBRASKA (Distance Education)
INCOME STATEMENT - Renovo
For The Year Ending June 30, 2010

REVENUE

Renovo	\$	112,700		
Total:			\$	112,700

EXPENSES

Software	\$	112,700		
Total:			\$	112,700

Positive/Negative Variance:			\$	-
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NETWORK

NEBRASKA

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Network Nebraska Equipment & Connectivity Reporting

Background

In the 2010 session, the Nebraska Legislature passed a bill (see statute below) that requires Network Nebraska public education entities to notify the State CIO and University of Nebraska (prior to its use) about new or additional equipment that will impact the use of Network Nebraska. The guidelines for reporting on this webpage were established by the CIO and the University of Nebraska in collaboration with the Network Nebraska Advisory Group and other institutional and regional network managers.

Network Nebraska staff are committed to maintaining the integrity and reliability of the core network serving hundreds of education entities. As part of a shared, federated network, each entity must be responsible for maintaining the proper security and management of its endpoints and routing configurations. This equipment reporting task is part of that responsibility.

Although the statute does not specifically name nonpublic education entities as having to comply, Network Nebraska staff strongly urge them to use this website in the same manner as their public counterparts. Although the statute does not specifically mention changes in connectivity as having to be reported, the State CIO and University of Nebraska have included such changes in the guidelines. School districts are urged to contact their local ESU technical staff before purchasing equipment or placing it on the network.

If the Network Nebraska staff determine that a device or network modification adversely affects the core network to the detriment of other participants, or threatens the stability or integrity of the core network, the Network Nebraska staff will take steps to limit the bandwidth or shut down a site, until the problem is resolved. This participant responsibility appears in the Network Nebraska Service Level Agreement. Failure to comply with this reporting requirement is a violation of the Network Nebraska Service Level Agreement.

Nebraska Revised Statute

86-520.01. Information technology purchases; standards; use of Network Nebraska; notice required; when (excerpt) An education-related political subdivision shall provide notice in writing, if required by guidelines established by the University of Nebraska and the Chief Information Officer for participation in Network Nebraska, to the distance education director of the Educational Service Unit Coordinating Council, the University of Nebraska, and the Chief Information Officer prior to the use of any new or additional equipment that will impact the use of Network Nebraska by such education-related political subdivision or other education-related political subdivisions.

New, Additional, or Replaced Equipment or network changes that need to be reported:

- Edge device (e.g. router, switch, firewall)
- MCU Bridge
- Streaming media server
- Any device that has the potential to increase the use of bandwidth by 10 mbps under normal operating conditions

- Any change in wide area network (WAN) connectivity with service provider



[Click here to access Reporting Form.](#)

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Equipment and Connectivity Reporting Form

* Name of person submitting:

* Position/Title:

* Education Entity:

Type of Device:

Manufacturer of Device:

Model Number of Device:

Purpose of Device:

Bandwidth Change (Mbps):

Telecom Provider Change:

* Projected Install Date: (e.g. mm/dd/yyyy)

Comments:

* Indicates a required field.

Network Nebraska.

GIS Council Report
NITC Meeting, March 1, 2011

NebraskaMAP Update. The NebraskaMAP – a Geospatial Data Sharing and Web Services Network has recently completed its initial two-year pilot project. This two-year pilot project was funded in part by a NITC grant from the Government Technology Collaboration Fund. The NebraskaMAP project is a collaborative project that was initiated by the GIS Council and lead by an intergovernmental NebraskaMAP Partnership Committee that includes representatives from 12 state, local and federal agencies. The software was initially deployed and customized at UNL but has now been installed on hardware housed at the OCIO. The NebraskaMAP portal can be found at:
<http://www.NebraskaMAP.gov>

I had hoped that the final report for the NebraskaMAP pilot project would be available for this NITC meeting, but since we have not received the revised report since changes were requested in the report, I will provide a brief overview. Among the original objectives outlined for the two-year NebraskaMAP pilot project were the following:

- 1. Create Data-sharing Network.** The objective here was not to create a static GIS data repository, but instead provide a means to search for and access Nebraska-related data already served online by other entities. The pilot project has demonstrated this capability for several datasets served by state and local agencies and is now working with cooperating agencies to provide access to additional GIS datasets.
- 2. Develop Data-sharing Security Protocols.** The objective here was to provide secure, limited access to selected GIS datasets, in addition to providing public access to a much wider variety of available GIS data. While conceptual discussions occurred to explore the feasibility of providing secure access through the developing network and to ensure that we were not inadvertently building in roadblocks to providing this functionality, the committee decided to focus initially on providing public access and defer until later actual implementation of security protocols.
- 3. Provide Enterprise Internet Mapping Services.** The objective here was to develop a system that would allow a user to access datasets from multiple agencies and combine these datasets either on their own desktop system or via the Internet mapping capabilities of the NebraskaMAP system. The pilot project was successful in demonstrating this capability to access and combine datasets from multiple agencies. However, a fuller realization of this capability will require participating agencies to document and list more of their datasets and probably additional technical support to further refine and develop the existing pilot project mapping services. The committee targeted the development of a geocoding service as the initial specialized online mapping services to be developed and provided by the project. This geocoding service is now available through NebraskaMAP.
- 4. Establish Enterprise Geospatial Data Repository.** While the planned primary means of providing access to GIS datasets for the NebraskaMAP was to provide links to existing online data and mapping services, the NebraskaMAP also include the objective of providing a data repository to facilitate other data access. Currently such a NebraskaMAP GIS data repository exists at the OCIO and is populated with the most current statewide aerial imagery and a statewide street centerline-address dataset. The project's primary focus will continue to be arranging for remote access to data currently served by other entities, but the data repository will probably grow as agencies choose to make their data available through this means as opposed to links to existing online services.

5. **Empower Public Agencies and Improve Public Services.** The objective here was to help public agencies by making online GIS tools available to public agencies who do not currently have access to these tools and to provide those agencies with technical support to help them apply these GIS tools to a wide variety of applications. As a practical matter, the pilot project has now put in place the core infrastructure and system required to start working with agencies to realize these anticipated benefits. However until we have dedicated GIS technical support to help agencies to develop applications based on this system and to refine the system as needed, these empowerment and improved public service benefits will be limited.
6. **Save Public Resources.** This objective is also one for which I believe it is most accurate to characterize the NebraskaMAP pilot project as having reached a plateau where realizing the saving of public resources could begin. However, as with some of the other project objectives, the current lack of planned GIS technical support for this project currently limits the realization of this objective. The enterprise-level GIS software purchased and installed for this project costs in the neighborhood of \$35,000. With the proper GIS technical support, many agencies could utilize this enterprise GIS system and therefore not need to purchase of this software package for their specific agency nor train or hire personal to provide support this high-end GIS Internet mapping software.
7. **Facilitate Data-sharing.** The project is well under way to achieve this objective. Data is already available through the NebraskaMAP portal and more data will be available as agencies document their data with formal metadata and list that data and related data services on the NebraskaMAP portal.

Additional NebraskaMAP Objectives. As the NebraskaMAP project evolved over the period of its two-year pilot, two additional objectives were added that addressed two other existing GIS-related NITC action items: the development of **metadata** and a **statewide street centerline-address dataset**. The software tools ultimately adopted to support the NebraskaMAP Project require datasets to be documented with formal metadata. Encouraging the documentation of GIS data with metadata has been a GIS Council and NITC goal for several years. As part of the NebraskaMAP project, a customized online metadata development tool was integrated into NebraskaMAP online services. Initial training in the use of this tool has been provided to several state and local agencies. Now it is a matter of on-going encouragement of these agencies to utilize this metadata tool to document their data and list it on the NebraskaMAP portal.

Another long-term goal of the GIS Council and an NITC Technical Plan Action Item has been the development of a statewide street centerline-address database. Because this database was integral to the mapping and data services desired by the NebraskaMAP committee, the initial development of this dataset was incorporated into the NebraskaMAP Project (*see more below*).

Requirements for On-going Support. When the NebraskaMAP pilot project was initiated, funding was only available for a two-year pilot project effort. At the request of the GIS Council, the OCIO agreed to host the NebraskaMAP Project based on the understanding that the OCIO was a cost recovery agency and therefore funding would need to be found if the project was to continue beyond the pilot project. It was clear at that time, that assuming that the proposed pilot project approach was proven successful, that some level of on-going technical support would be required. Unfortunately, state government is now in a much different budget situation than it was three years ago when this project was initiated. At this time, the initial two-year NebraskaMAP pilot project funding has expired and no new funding to support the project is currently available.

One of the stated objectives of the pilot project was to document what would be the requirements for on-going support. Consistent with that objective, the NebraskaMAP Partnership Committee made a formal recommendation to the GIS Council and the OCIO that a minimum of one FTE, with high-end online GIS skills, would be required to support the NebraskaMAP applications and services. The GIS Council accepted this committee recommendation and requested that the OCIO develop GIS shared services that include support for the NebraskaMAP. The OCIO does not currently have personnel with the required online GIS high-end technical skills. The current state budget is making it very difficult to find the resources necessary to support the acquisition of the technical resources necessary to support this new enterprise service.

With no funding currently available for the NebraskaMAP, some of the NebraskaMAP participating agencies have stepped forward, as an interim measure, to provide the OCIO with assistance from their agency technical staff to provide some NebraskaMAP maintenance services. However these services will likely be only maintenance services and the continued development and support of this enterprise service will likely be seriously handicapped without a minimum of dedicated technical support. The OCIO has received an offer from a local GIS firm (GIS Workshop) to provide some free GIS data sharing services and another local firm has also indicated that if the state chooses to go the direction of using private firms to provide GIS data sharing services that it would also like to be considered. The CIO has asked the NebraskaMAP Partnership Committee to review these offers of private GIS data sharing services and to make recommendations back to the OCIO and the GIS Council.

Statewide Street Centerline-Address Database. The development of a statewide street centerline-address database has been a GIS Council goal and an NITC action item for several years. This is a critical dataset from many GIS-related applications and many agencies. The core problem is that while several state and local agencies develop and maintain pieces of this data, they do so with different standards and none of them produce an integrated statewide dataset. The NebraskaMAP Partnership Committee decided that a current and accurate statewide street centerline-address was a core dataset needed to support the NebraskaMAP project and that a geocoding services was one of the priority data services that agencies wanted from the NebraskaMAP. Consequently, the Partnership Committee decided to prioritize the development of a “best available” statewide street centerline-address dataset for the NebraskaMAP Project. Approximately two months of the NebraskaMAP Project Manager’s time was dedicated to developing an initial statewide street centerline-address dataset, and related geocoding service, integrating 90 separate county datasets available from the E911 Public Service Commission, and data from Douglas, Sarpy, and Lancaster Counties and the Dept. of Roads. This initial data compilation was completed at the end of 2009 and a customized version of the dataset was created to support the State Patrol’s statewide computer-aided dispatch system. This integrated dataset is now at least one-year old and updated data is now available for many counties, but we currently do not have the technical resources available to develop an updated statewide dataset.

Proposed Revision of Land Record Information and Mapping Standard. The existing NITC Land Record Information and Mapping Standard were adopted by the NITC five years ago, back in January of 2006. There have been significant changes in GIS technology during the interim five-year period. The GIS Council asked an intergovernmental Working Group to review those standards and make recommendations for revisions that it felt was appropriate. That Working Group included representatives from local government and the Dept. of Revenue Property Assessment Division. That Working Group made several recommendations for updating these standards and these standard revisions. At its December 2010 meeting, the GIS Council voted to recommend that the NITC adopt

these revisions. The proposed standard's revisions do not represent any fundamental changes in the existing standards. Instead they are an updating of the standards to account for changes in GIS technology and minor changes in the requirements of the Department of Revenue. Since the GIS Council action, the NITC Technical Panel has also reviewed these proposed revisions and provided a 30-day comment period. The Technical Panel received no comments on the proposed revisions during its 30-day comment period. At its February meeting, the Technical Panel voted to recommend adoption of these revisions. The proposed adoption of these revised Land Record Information and Mapping Standards is the next item on the agenda under the Technical Panel report.



Nebraska Information Technology Commission

STANDARDS AND GUIDELINES

Draft Revision, 12-1-10

Land Record Information and Mapping Standards

Category	Data and Information Architecture
Title	Land Record Information and Mapping Standards
Number	3-202

Applicability	<input checked="" type="checkbox"/> State Government Agencies <input checked="" type="checkbox"/> All See each section <input checked="" type="checkbox"/> Excluding See Section 4.1 <input checked="" type="checkbox"/> State Funded Entities - All entities receiving state funding for matters covered by this document See each section <input checked="" type="checkbox"/> Other: Public Entities - Other public entities developing or acquiring geospatial data not supported by state funding See each section Definitions: Standard - Adherence is required. Certain exceptions and conditions may appear in this document, all other deviations from the standard require prior approval of <u>NITC Technical Panel</u> . Guideline - Adherence is voluntary.
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Status	<input type="checkbox"/> Adopted <input checked="" type="checkbox"/> Draft <input type="checkbox"/> Other: _____
Dates	Date: <u>recommended by the GIS Council on 12-1-10</u> Date Adopted by NITC: January 27, 2006 Other:

Prepared by: The Nebraska GIS Steering Committee and endorsed and referred to the Technical Panel of the Nebraska Information Technology Commission for NITC consideration. Draft revision prepared by GIS Council Working Group, and recommended for adoption by the NITC GIS Council on 12-1-10
Authority: Neb. Rev. Stat. § 86-572(2c), 86-516(6)
<http://www.nitc.state.ne.us/standards/>

1.0 Standard

These standards/guidelines are primarily focused on those public entities responsible for maintaining property parcel maps for their particular jurisdiction. The last line following each standard or guideline refers to the type(s) of agency or entity to which that standard/guideline applies and whether it is a standard (adherence required) or guideline (adherence voluntary) for each type of entity.

1.1 Datum. Local government multipurpose GIS/LIS (Geographic Information System/Land Information System) and their associated geospatial data layers should be based on the North American Datum (NAD) 83 and the North American Vertical Datum (NAVD) 88. Any existing systems developed based on other datums should consider conversion to these datum.

State Agencies: **Standard** State Funded Entities: **Standard** Other: **Standard**

1.2 Projection. The Nebraska (**State**) Plane Coordinate System, NAD 83, should be used as the primary map projection system for the recording of positions in local land-data systems in Nebraska. Selection of any other projection should be done reluctantly and only after most careful consideration. The plane coordinate values for a point on the earth's surface may be expressed in either meters or feet.

State Agencies: **Standard** State Funded Entities: **Standard** Other: **Standard**

1.3 Geodetic Control. GIS/LIS systems developed with the goal of providing a multipurpose cadastre for local government use should be referenced to a local geodetic reference framework that is properly connected to the National Spatial Reference System (NSRS).

State Agencies: **Standard** State Funded Entities: **Standard** Other: **Standard**

1.4 Public Land Survey System Control.

1.4.1 PLSS Geodetic Framework. For all land in Nebraska that is subdivided according to the Public Land Survey System (PLSS), the geodetic reference framework for the cadastre should be the section corners of the PLSS for each section.

State Agencies: **Standard** State Funded Entities: **Standard** Other: **Standard**

1.4.2 Locate, Monument, and GPS Primary Corners. At a minimum, local government entities developing a geospatial land information system should initially invest in a precision Global Positioning System (GPS) survey to locate, re-monument as necessary, and obtain the geographic coordinates of the major boundary defining corners that legally define the boundaries of their county jurisdiction(s). These precision GPS survey coordinates for the boundary defining corners should be collected and integrated as framework data into the land information system. This effort should be coordinated with officials from the adjacent county(ies) to ensure agreement on the location of the shared corners.

State Agencies: **Standard** State Funded Entities: **Standard** Other: **Guideline**

1.4.3 Progressive Monumentation. In addition, each county (or municipality) that is planning to develop a GIS/LIS-based cadastre program should also consider

initiating a progressive program to locate and/or re-monument, as necessary, and collect geographic coordinates on other PLSS corners according to the legally established procedures and properly connect them to the National Spatial Reference System to obtain geodetic coordinates.

State Agencies: **Guideline** State Funded Entities: **Guideline** Other: **Guideline**

1.5 PLSS Base Map. Local governments considering the development of a multipurpose GIS, should consult with the Nebraska State Surveyor’s Office to locate and access the best available data on the Public Land Survey System (PLSS) for their geographic area. To assist the State Surveyors Office in maintaining a repository of the best available PLSS data, local governments participating in the Nebraska Land Information System Program should share any enhanced PLSS data, for their geographic area, with the State Surveyors Office so that it might be integrated into the PLSS repository database.

State Agencies: **Standard** State Funded Entities: **Standard** Other: **Standard**

1.6 Ortho-base (Aerial Layer) or Base Maps. Both a Public Land Survey System base map and an orthophoto (surface features) imagery base map should be used to provide the geospatial reference framework upon which a local government multipurpose land information system is developed. Both base maps should be tied to the National Spatial Reference System and have a level of spatial accuracy appropriate to the range of applications planned for a given area. Jurisdictions should acquire new imagery of urban areas at least every five years and of rural areas at least every ten years. Jurisdictions experiencing rapid or slow growth may need to adjust this timetable (IAAO 2009).

State Agencies: **Standard** State Funded Entities: **Standard** Other: **Standard**

1.7 Map Scale and Spatial Accuracy.

1.7.1 Minimum Horizontal Accuracy Standard. Public entities developing a GIS/LIS program should conduct data collection and development in a manner to achieve at least the minimum level of horizontal spatial accuracy consistent with the National Horizontal Map Accuracy Standards corresponding to a 1:12,000 (1"= 1,000') scale map (90% of the “well defined” horizontal locations must be within ±33.3 ft. of their real world location).

State Agencies: **Standard** State Funded Entities: **Standard** Other: **Standard**

1.7.2 Additional Accuracy Considerations. Beyond this minimum horizontal map accuracy, public entities are encouraged to consider the following recommended map scales and their corresponding National Horizontal Map Accuracy Standards in determining the positional accuracy needed for base maps in the development of a local government GIS/LIS:

<u>Relative Size of Property Parcels</u>	<u>Map Scale</u>		<u>Nat'l Horizontal Map Accuracy Std.</u>	<u>Equivalent Metric Scale</u>
Urban areas	1:600	(1" = 50')	±1.7 ft.	1:500
	1:1,200	(1" = 100')	±3.3 ft.	1:1,000
Large urban & suburban	1:2,400	(1" = 200')	±6.7 ft.	1:2,500
Rural areas	1:4,800	(1" = 400')	±13.3 ft.	1:5,000
	1:9,600	(1" = 800')	±26.7 ft.	1:10,000

Suggested draft revision of existing Nebraska Information Technology Commission Standard and Guidelines

1.8 Legal Lot and Parcel Layers. ~~Two graphic data layers~~ Data on two interrelated types of land subdivision (i.e. legally subdivided lots and ownership tracts) are necessary to provide the foundation for a wide variety of local government GIS/LIS applications that involve land subdivision and/or ownership.

a). The legal lot feature or layer ~~consisting~~ consists of legal land subdivisions. These are aliquot portions of the PLSS, filed subdivision plats and irregular tracts defined by filed deeds.

b). The parcel feature or layer ~~that~~ defines ownership tracts of land. These tracts may group multiple legal lots into one taxable account and that typically represents the boundaries of a landowner's property. These data features or layers include locational coordinates for points representing property corners, lines between property corners representing property boundaries and closed polygons representing the property area.

State Agencies: **Standard**

State Funded Entities: **Standard**

Other: **Standard**

1.9 Parcel Identifiers.

a). Each county/region should adopt a system of unique, permanent feature identifiers (PID) that provide the link between each graphic land ownership parcel polygon and the attribute information (ownership, size, situs address, value, etc.) related to that specific land ownership property parcel.

b). A county/region PID system must be designed in a manner such that a unique, statewide PID can be defined and maintained for each property parcel by using the county FIPS code (Federal Information Processing Standards Publications) as a prefix to the county/region's PID system.

c). To maintain this unique one-to-one association between a specific property parcel and its related attribution information, new PIDs should be assigned whenever a property parcel is altered by either splitting it into two or more parcels or by combining two or more parcels to form a new parcel. The previous PIDs should not be used for these new modified parcels, but the historical PID associations should be maintained through a parent/child PID reference table.

State Agencies: **Standard**

State Funded Entities: **Standard**

Other: **Standard**

1.10 Spatial Data Format. A broad range of state and regional applications require property parcel information. Many of these applications require the combining of data across jurisdictional boundaries. To facilitate these applications, the property parcel spatial (graphic) data should be either maintained in a manner that allows it to be readily integrated ~~in a common geographic~~ into a spatial relational database data format (i.e., shapefile) or be capable of being exported into a common geographic data format (i.e., shapefile), while including the parcel identifiers.

State Agencies: **Standard**

State Funded Entities: **Standard**

Other: **Guideline**

1.11 Metadata. All geospatial land record databases, and their associated attribute databases should be documented with Federal Geographic Data Committee (FGDC) compliant metadata outlining how the data was derived, attribute field definitions and values, map projections, appropriate map scale, contact information, access and use restrictions, etc.

State Agencies: **Standard**

State Funded Entities: **Standard**

Other: **Standard**

1.11.1 NebraskaMAP Metadata. The NebraskaMAP (<http://NebraskaMAP.gov>) is a state sponsored GIS web-based portal for finding and accessing a wide variety of GIS/geospatial data related to the geographic area of Nebraska. Many of the NebraskaMAP functions required metadata. All developers of Nebraska-related GIS data are encouraged to use the site to either upload existing metadata and/or use the online tools available on the site to create metadata for your GIS/geospatial land record information and mapping. Before metadata can be either created or uploaded on the site, a brief user registration is necessary.

State Agencies: **Guideline**

State Funded Entities: **Guideline**

Other: **Guideline**

1.12 Attribute Data. To provide the foundation necessary for a wide variety of local government applications, non-graphic, attribute data should be organized within the GIS/LIS, which describes individual property parcels relative to their basic parcel characteristics, tenure, value, history, buildings and units within the parcel, and tax status.

In most cases, much of this attribute data will already exist in separate databases within a variety of local agencies and should be linked-referenced to the graphic property parcel via the unique PID. To meet a range of state and regional applications that require property parcel information, the following types of property parcel data should be maintained and be available in a manner that allows it to be harvested, translated, and integrated into a statewide property parcel attribute dataset. These attribute values may be maintained in one or more separate relational databases that are referenced by a unique PID and not directly integrated into a GIS.

- PID#..... Parcel identifier (county FIPS code plus local government PID)
- Situs Address..... Address of parcel (may be multiple fields)
- Owner Address..... Address of property owner (may be multiple fields)
- Township Township #
- Section..... Section #
- Range Range #
- Range Direction East or West
- Legal Description..... Narrative legal description of parcel
- Assessed Value..... Total assessed value of property (land and improvements)
- Land Value..... Assessed value of land
- Area (Deeded) Area of parcel according to the deed
- Property Class (Res, Ag, Com, Rec., Ind.)
- Property Sub-class i.e., Ag (Dryland, Irrigated, Grassland/Pasture, Waste)
- Ownership type..... Federal, State, County, Private, Tribal, Exempt, Other and Unknown
- Tax District..... County ID plus Tax Dist. #

School District	State number definition
Landuse	Actual landuse with NPAT defined general categories
Property Parcel Type...	NPAT defined categories: <u>(i.e., Single Family, Multi-Family, Commercial, Industrial, Agriculture, Recreational, Mineral Interest-Nonproducing, Mineral Interest-Producing, State Assessed, or Exempt)</u>
Status	<u>NPAT defined categories: (Vacant, Improved or Improved only) (Improved, Unimproved, or IOLL)</u>
Location	<u>NPAT defined:</u> (Urban, Sub-urban, Rural) <u>(NPAT defined)</u>
City Size.....	1 st class, 2 nd class, primary, metro, or village
Source Document.....	Sales/transfer reference or document (book & page <u>& date</u>)
Sales Date.....	Most recent sales/transfer date
Sales Value.....	Most recent sales value
<u>State Agencies:</u>	Standard
<u>State Funded Entities:</u>	Standard
<u>Other:</u>	Standard

2.0 Purpose and Objectives

The purpose of these standards and guidelines is to help realize the maximum long-term return on and overall utility of the public's investment in the modernization of how Nebraska's land records are maintained and distributed.

2.1 Background

Land records and land ownership records are public records that are used by wide cross-section of our society and its institutions. Ready access to current and accurate land records is critical to our state's overall economy and the efficient functioning of many of its public and private institutions.

Historically land records have been maintained on paper records and paper maps. This made it very difficult and costly to update and keep current records and maps in areas where there was significant turnover in property ownership. Paper records and maps also made it difficult to share land record information outside of the physical office where they were maintained. Paper records and maps also made it difficult to conduct analyses of broader land ownership and land valuation patterns. Computerization in general, and GIS/geospatial technologies in particular, have revolutionized how land and land ownership records can be maintained, analyzed, shared, and distributed.

Modern computerized land records and maps make it relatively easy to update and keep current land records and maps. Computerization and GIS/geospatial technologies now routinely enable easy, reliable access to land records and maps via the Internet to a wide variety of users. Land records in computerized relational databases and GIS parcel maps have provided a wide array of new information management tools that can be used to integrate land records with other data and analyze and display land ownership, land valuation and other broader land-related patterns. Among other uses, these tools help ensure that all property is on the tax rolls and that the property is taxed equally.

Modern computerized land records and maps can provide a wide array of potential benefits to a wide array of users. However, to realize many of these benefits, it is important that when these databases and maps are originally developed they follow a minimal set of standards and guidelines that support this potential broad array of applications and benefits. In many instances, it is not this broader array of potential uses that is the immediate stimulus, which causes a local or state agency to undertake a modernization of

its land records and maps. Therefore, these standards and guidelines serve the function of raising the awareness of these potential future applications and the related need to incorporate minimal standards beyond those needed for immediate applications.

These standards and guidelines are intended to help ensure that modernized land records are developed on a solid technical foundation. A foundation, which will enable both the original developing agency, and other interested entities, to build on this initial investment and maintain and enhance the data and enable it to be utilized for multi-purposes by multiple users. These standards and guidelines are also intended to facilitate partnerships between local, state, and federal entities to support the development and maintenance of modernized land records

2.2 Objectives

These standards and guidelines to guide the modernization of land records in Nebraska have the following objectives:

- 2.2.1. Provide guidance to state and local officials as they work, either in-house or with private contractors, to develop and/or acquire computerized, geospatial data related to land records and maps and thereby increase the likelihood that the data acquired and/or developed will be suitable for the range of intended applications and likely future applications.
- 2.2.2. Improve public policy development and implementation by helping to make land records more current and readily accessible and by making available to land record management applications the wide range of analytical tools available through GIS/geospatial technology.
- 2.2.3. Enhance coordination and program management across jurisdictional boundaries by insuring that modernized land records and maps can be readily integrated across jurisdictional boundaries for regional applications (e.g., school districts, NRDs, emergency response, etc.) or statewide applications.
- 2.2.4. Save public resources by facilitating the sharing of computerized land records among public agencies or sub-divisions of agencies by incorporating data standards and following guidelines which will make it more likely that the computerized land records developed by one entity will also be suitable to serve the multiple needs of other entities and thereby avoid the costly duplication of developing and maintaining similar land records.
- 2.2.5. Make land records and land ownership maps more readily accessible to the wide range of potential users
- 2.2.6. Facilitate harmonious, trans-agency public policy decision-making and implementation by enabling multiple agencies and levels of government to access and appropriately use common geospatial datasets and thereby make it more likely that intersecting public policy decisions, across levels of government, will be based on the same information.
- 2.2.7. Lay the foundation for facilitating intergovernmental partnership to the modernization of land records by defining standards and guidelines that increase the likelihood that computerized land records will meet the needs of multiple users.

3.0 Definitions

3.1 Attribute Data

Properties and characteristics of property parcel or other spatial data entities.

3.2 Datum

A Geodetic Reference System is the true technical name for a datum. A datum is a combination of an ellipsoid, which specifies the size and shape of the earth, and a base point from which the latitude and longitude of all other points are referenced.

3.3 Entity

Any object about which an organization chooses to collect data.

3.4 Geodetic Control

A set of surveyed monuments used to define a spatial reference system and used to register map sheets and transform coordinates for a particular project.

3.5 Geographic Information System (GIS)

A system of computer hardware, software, and procedures designed to support the compiling, storing, retrieving, analyzing, and display of spatially referenced data for addressing planning and management problems. In addition to these technical components, a complete GIS must also include a focus on people, organizations, and standards.

3.6 Geospatial Data

A term used to describe a class of data that has a geographic or spatial nature. The data will usually include locational information (latitude/longitude or other mapping coordinates) for at least some of the features within the database/dataset.

3.7 Global Positioning System (GPS)

GPS is a method for identifying locations on earth using triangulation calculations of satellite positions. Originally created by the United States Military, it has since found numerous commercial applications.

3.8 Land Information System (LIS)

A special type of GIS that manages and analyzes data related to land ownership (e.g., tax parcels, urban infrastructure, property assessment). A GIS used for municipal or county level applications is typically structured as an LIS.

3.9 Map Scale

The scale of a map is the ratio between a distance on the map and the corresponding distance on the earth, with the distance on the map typically expressed as 1. Thus, a scale of 1:100,000 means 1 inch on the map equals 100,000 inches (approximately 1.6 miles) on the earth. Large scale maps depict a small area and show more detail. Small scale maps depict a large area and show less detail.

3.10 Metadata

Data describing a GIS database or data set including, but not limited to, a description of a data transfer medium-, format, and contents, source lineage data, and any other applicable data processing algorithms or procedures.

3.11 Monumentation of PLSS Corners

Monumentation in surveying refers to the practice of marking known horizontal and vertical control points with permanent structures such as concrete pedestals and metal plaques.

Once surveyed and marked, these monuments can be used for further surveying and for the alignment of land-parcel boundaries and infrastructure.

3.12 National Spatial Reference System (NSRS)

A consistent national coordinate system that defines latitude, longitude, height, scale, gravity, and orientation throughout the Nation, and how these values change with time. Consequently, it ties spatial data to geo-referenced positions.

3.13 Nebraska Plane Coordinate System

Nebraska Plane Coordinate System means the system of plane coordinates for designating the geographic position of points on the surface of the earth, within the State of Nebraska, which have been established by the National Ocean Service/National Geodetic Survey, or its successors. The Nebraska Plane Coordinate System is a Lambert conformal conic projection of the North American Datum of 1983, having standard parallels at north latitudes 40 degrees 00 minutes and 43 degrees 00 minutes along which parallels the scale shall be exact. The origin of coordinates is at the intersection of the meridian 100 degrees 00 minutes west of Greenwich and the parallel 39 degrees 50 minutes north latitude. This origin is given the coordinates. N = 0 meters and E = 500,000 meters. (State of Nebraska Statutes, Section 76-2502)

3.14 Orthophoto

An aerial photo that has been corrected to eliminate the effects of camera tilt and relief displacement. The ground geometry is recreated as it would appear from directly above each and every point. Digital orthophotos can be created by scanning the original photograph and applying a process called differential rectification to each pixel in the image. In creating digital orthophotos, it is also possible to remove the effects of tangential displacement.

3.15 Parcel Identifier (PID)

A unique number identifying a specific property on the assessment and tax rolls and used as a cross reference between graphic/mapping data and tabular attribute data.

3.16 Projection

A system to portray all or part of the earth, which is an irregular sphere, on a planar, or flat surface.

3.17 Public Land Survey System (PLSS)

The Public Land Survey System (PLSS) is a way of subdividing and describing land in the United States. All lands in the public domain are subject to subdivision by this rectangular system of surveys (townships, ranges, sections, quarter-sections, etc.), which is regulated by the U.S. Department of the Interior, Bureau of Land Management.

3.18 Shapefile

A Shapefile is an ESRI digital vector (non-topological) storage format for storing geometric location and associated attribute information that can be generated by a wide variety of GIS software packages.

3.19 Spatial Accuracy

The accuracy of a map in representing the geographic location of an object relative to its true location on the surface of the Earth based on geographic coordinates.

4.0 Applicability

4.1 State Government Agencies

[Suggested draft revision of existing](#) Nebraska Information Technology Commission
Standard and Guidelines

State agencies that have the primary responsibility for maintaining land ownership records and property parcel maps for a particular jurisdiction(s) or geographic area (e.g. Nebraska Dept. of Property Assessment and Taxation for counties for which it has assumed the primary assessment role) are required to comply with those sub-sections identified as a “Standard” for “State Agencies” in section 1. Those state agencies with oversight responsibilities in this area are required to ensure that their oversight guidelines, rules, and regulations are consistent with these standards.

4.2 State Funded Entities

Entities that are not State agencies but receive State funding, directly or indirectly, for property parcel mapping and/or property tax assessment and have the primary responsibility for maintaining property parcel maps for a particular jurisdiction or geographic area are required to comply with those sub-sections identified as a “Standard” for “State Funded Entities” in section 1.

4.3 Other

Other entities, such as local government agencies (e.g. County Assessor, County Register of Deeds, municipalities) that have the primary responsibility for developing and maintaining land ownership records and property parcel maps are required to comply with those sub-sections identified as a “Standard” for “Other” in Section 1.

4.4 ExemptionWaivers

~~Exemptions~~ Waivers to these standards may be granted by the NITC Technical Panel upon request by an agency. See the NITC Waiver Policy 1-103 for details (<http://nitc.nebraska.gov/standards/1-103.html>).

4.4.1 Exemption Process

~~Any agency may request an exemption from these standards by submitting a “Request for Exemption” to the NITC Technical Panel. Requests should state the reason for the exemption. Reasons for an exemption include, but are not limited to: statutory exclusion; federal government requirements; or financial hardship. Requests may be submitted to the Office of the CIO via e-mail or letter (Office of the CIO, 521 S 14th Street, Suite 301, Lincoln, NE 68508). The NITC Technical Panel will consider the request and grant or deny the exemption. A denial of an exemption by the NITC Technical Panel may be appealed to the NITC.~~

5.0 Responsibility

5.1 NITC

The NITC shall be responsible for adopting minimum technical standards, guidelines, and architectures upon recommendation by the technical panel. (N.R.S. 86-516 §6)

5.2 State Agencies

The Nebraska Department of Property Assessment and Taxation will be responsible for ensuring that its rules and regulations relative to land ownership records and property parcel (tax) mapping include those subsections in Section 1 that are identified as a “Standard” for “Other” and are consistent overall with those standards.

5.3. Granting Agencies and Entities

State granting or fund disbursement entities or agencies will be responsible for ensuring that these standards are included in requirements and regulations related to fund disbursements as they relate to land (property parcel) records or property parcel mapping.

5.4 Other

Local government agencies that have the primary responsibility for land ownership records and property parcel mapping will be responsible for ensuring that those sub-sections defined for “Other” as a “Standard” in Section 1 will be incorporated in land record modernization and geospatial data development efforts and contracts.

6.0 Related Documents

6.1 ~~Federal Geographic Data Committee (FGDC)~~ Cadastral Data Content Standards for the National Spatial Data Infrastructure

<http://www.nationalcad.org/data/documents/CADSTAND.v.1.4.pdf>
http://www.fgdc.gov/standards/status/sub3_5.html

6.2 Nebraska Guidebook for Local Government Multipurpose Land Information Systems. <http://nitc.nebraska.gov/gisc/docs/landrecords/guidebook.html> http://www.calmit.unl.edu/gis/LIS_Stds_Intro.html

6.3 Federal Geographic Data Committee Content Standard for Digital Geospatial Metadata Workbook (For use with FGDC-STD-001-1998) Version 2.0

http://www.fgdc.gov/metadata/documents/workbook_0501_bmk.pdf
http://www.fgdc.gov/publications/documents/metadata/workbook_0501_bmk.pdf

NITC 5-204 (FINAL DRAFT)

State of Nebraska Nebraska Information Technology Commission Standards and Guidelines

NITC 5-204 (Final Draft)

Title	Linking a Personal Portable Computing Device to the State Email System for Data Classified as "Internal Use Only" or "Unclassified/Public"
Category	Groupware Architecture
Applicability	Applies to all state government agencies, excluding higher education

1. Purpose

This standard provides for the requirements to connect a personal Portable Computing Device ("PCD") to the State's email system. This standard does not apply to PCDs provided by the agency.

2. Standard

2.1 Procedures for Requesting Authority to Connect a Personal PCD to the State's Email System

2.1.1 Prior to connecting any personal PCD to the State's email system, a request must be submitted to the State Information Security Officer ("SISO") for review. Attachment A is the form to be used to submit a request. Completed forms should be emailed to the SISO at siso@nebraska.gov.

2.1.2 The SISO will review each request. The SISO will either approve or deny a request and communicate the decision to the requesting agency within 14 days.

2.2 Requirements

2.2.1 Only the Native Microsoft Exchange active-sync method will be used as the syncing method for devices accessing the State email system.

2.2.2 Password protection: Personal smart devices must use a device password for access to the devices functionality. During the process of configuring the device for syncing to the State's email system, the password protection setting will be automatically enabled on the device. Other security controls may be enabled by the State email system at any time.

2.2.3 Storage of sensitive information: Personal devices cannot be used to process or store sensitive State related information.

2.2.4 Physical safeguards: Appropriate physical security measures should be taken to prevent theft of portable devices and media. Unattended portable computing devices and media must be physically secured.

2.2.5 Theft or Loss:

2.2.5.1 **Reporting:** Theft or loss of portable computing devices assumed to contain sensitive information must be reported immediately to the Office of the CIO ("OCIO"). Please call the OCIO help desk at 402-471-4636 or 800-982-2468.

2.2.5.2 **Remote data delete:** All devices that are capable of native syncing to the State's email system support the remote data wipe feature. The user is required to take steps to safeguard data which should include initiating the remote wiping process in the case of theft or loss. Mobile email devices can be removed from email access or wiped using the "options/Mobile Devices" selection after logging into your Exchange email account using Outlook Web Access (OWA) at <https://mail.nebraska.gov>

2.2.6 **Disposal and Reuse:** Personal smart device users must follow the Data Disposal and Reuse policy to properly remove data and software from the PCD before its disposal or reuse.

2.2.7 **Support:** Personal device use is not supported by the OCIO. No State system will be reconfigured in order to make a particular device work and there is no guarantee that a specific device will or will not work with the current system configuration. There is no obligation on the part of the State or Agency to support any personal device.

2.2.8 **Removal of Data:** All State information contained on a device must be removed on request by the Agency Director or State Information Security Officer. The device may be "wiped" or cleared of all information remotely by the State without recourse and without compensation for personal data loss (including but not limited to loss of personal contacts, music, messages and service unavailability).

3. Definitions

3.1 Portable Computing Device (PCD) includes but is not limited to notebook computers; tablet PCs; handheld devices such as Portable Digital Assistants (PDAs), Palm Pilots, Microsoft Pocket PCs, RIM (Blackberry); smart phones; and converged devices.

[Attachment A: Request Form](#) (Word Document)

VERSION DATE: Draft - February 8, 2011
HISTORY:
PDF FORMAT: (to be added)

FORM: Request to Link a Personal Portable Computing Device to the State Email System for Data Classified as “Internal Use Only” or “Unclassified/Public”

This is a request to use a personal portable computing device for the purpose of linking the device to the State’s email system. The following State exchange email account will be used in conjunction with the access:

Exchange Account: _____

To the limits dictated by the State of Nebraska and Federal laws, agency data and system owners are responsible for determining how critical and sensitive information is for their applications to insure integrity, availability, and confidentiality.

Security Classification Levels:

The NITC Data Security Standard recognizes four basic levels of security classifications that are associated with varying degrees of known risks. (See NITC 8-RD-01: NITC Security Officer Instruction Guide). They can be summarized as follows:

HIGHLY RESTRICTED is for the most sensitive information intended strictly for use within your organization and controlled by special rules to specific personnel. It is highly critical and demands the highest possible security. **Not allowed on personal devices.**

CONFIDENTIAL is for less sensitive information intended for use within your organization, yet still requires a high level of security. It may be regulated for privacy considerations. (e.g. HIPAA) **Do not use this form. Contact the State Information Security Officer.**

INTERNAL USE ONLY is for non-sensitive information intended for use within your organization. The security is controlled, but not highly protected. **Use this form.**

UNCLASSIFIED/ PUBLIC is for information that requires minimal security and can be handled in the public domain. **Use this form.**

Standards:

All devices irrespective of device ownership that are syncing information with the State’s email system must follow these standards:

1. **Only the Native Microsoft Exchange active-sync method will be used as the syncing method for devices accessing the State email system.**
2. **Password protection:** Personal smart devices must use a device password for access to the devices functionality. During the process of configuring the device for syncing to the State’s email system, the password protection setting will be automatically enabled on the device. Other security controls may be enabled by the State email system at any time.
3. **Storage of sensitive information:** Personal devices cannot be used to process or store sensitive State related information.
4. **Physical safeguards:** Appropriate physical security measures should be taken to prevent theft of portable devices and media. Unattended portable computing devices and media must be physically secured.

5. Theft or Loss:

- a. **Reporting:** Theft or loss of *portable computing devices* assumed to contain *sensitive* information must be reported immediately to the Office of the CIO (“OCIO”). Please call the OCIO help desk at 402-471-4636 or 800-982-2468.
 - b. **Remote data delete:** All devices that are capable of native syncing to the State’s email system support the remote data wipe feature. The user is required to take steps to safeguard data which should include initiating the remote wiping process in the case of theft or loss. **Mobile email devices** can be removed from email access or wiped using the “options/Mobile Devices” selection after logging into your Exchange email account using Outlook Web Access (OWA) at <https://mail.nebraska.gov>
6. **Disposal and Reuse:** Personal smart device users must follow the Data Disposal and Reuse policy to properly remove data and software from the device before its disposal or reuse. Section 5 of NITC standard 8-101 identifies requirements for disposal and re-use.
7. **Support:** Personal device use is not supported by the OCIO. No State system will be reconfigured in order to make a particular device work and there is no guarantee that a specific device will or will not work with the current system configuration. There is no obligation on the part of the State or Agency to support any personal device.
8. **Removal of Data:** All State information contained on a device must be removed on request by the Agency Director or State Information Security Officer. The device may be “wiped” or cleared of all information remotely by the State without recourse and without compensation for personal data loss (including but not limited to loss of personal contacts, music, messages and service unavailability).

Recommendations:

- If available, the device should employ a data delete function to wipe information from the device after multiple incorrect passwords/PINs have been entered.
- If available, enable device encryption functionality to encrypt local storage.
- Turn off Bluetooth and Wi-Fi connectivity when not specifically in use.
- Limit the use of 3rd party device applications. Unsigned third-party applications pose a significant risk to information contained on the device.
- Store devices in a secure location or keep physical possession at all times
- Carry devices as hand luggage when traveling
- It is recommended that remote tracking capabilities are enable on devices
- Approved wireless transmission protocols and encryption must be used when transmitting *sensitive* information. *Sensitive* data traveling to and from the device must be encrypted during transmission. For browser based access, SSL encryption meets State standards.
- Approved remote access services and protocols must be used when connecting to State equipment. See Remote Access Standard:
http://nitc.state.ne.us/standards/security/Remote_Access_Standard_v4_20070222.pdf.

Identified NITC policies that apply to use, access and protecting information:

7-101 Acceptable Use Policy <http://nitc.ne.gov/standards/7-101.html>

8-101 Information Security Policy <http://nitc.ne.gov/standards/security/8-101.pdf>

As a reminder: All employees are obligated to protect the data they have access to. The use of the device must conform to all State and Agency use policies.

Violations of policy can result in disciplinary action, up to and including termination.

Individual Justification

The undersigned State representative is requesting to use a personal device for the purpose of accessing and/or storing data with a **security classification level** of UNCLASSIFIED/PUBLIC or INTERNAL USE ONLY and includes the following as supporting justification:

Individual

Date

Agency Director

Date

Send completed form to the State Information Security Officer at siso@nebraska.gov.

_____ Approved _____ Denied

State Information Security Officer

Date

Nebraska Information Technology Commission
Enterprise Project Status Dashboard – As of March 2011

Project: Access Nebraska		Contact: Karen Heng				
	February	January	December	November	October	September
Overall Status						
Schedule						
Budget						
Scope						
Comments:						
<p>The project is operating completely in the “Green” we do not have any anticipated implementation delays at this time. The project is 65% implemented. All tasks related to the project concerning the rollout of the Customer Service Centers have been started.</p> <p>The project budget remains on track. The budget expenditures have followed the allocated amounts. The expenditures are occurring at a later time than originally projected. It is the projected that actual total costs for the project will be match the estimated costs; no extra appropriation will be required.</p>						

Project: Student Information System		Contact: Walter Weir				
	February	January	December	November	October	September
Overall Status						
Schedule						
Budget						
Scope						
Comments						
<p>Close out presentation was provided in December.</p> <p>ADA Compliance updates are only outstanding items.</p>						

Project: Talent Management System		Contact: Dovi Mueller				
	February	January	December	November	October	September
Overall Status						
Schedule						
Budget						
Scope						
Comments						
<p>Talent Management has added Benefits Administration (open enrollment, life events / status changes and new hire enrollment) functionality. Planned roll-out of Benefits Open Enrollment will be April, 2012.</p> <p>LMS is being rolled out to agencies in phases scheduled through the end of this year and the first quarter of 2011.</p> <p>Administrative Services, Workers Compensation, DEQ, Roads, Corrections, and Revenue are now live. Five more agencies are ready to go live.</p> <p>Statewide LMS and ATS teams remain active and meet on a biweekly basis. Next task for ATS Team is to review and implement a statewide background check process utilizing an automated solution developed by the Nebraska State Patrol.</p> <p>Statewide Defensive Driving online course has been selected, implemented and being utilized at a reduced rate and time commitment. The rate for a single class was \$14.75 and the current cost is \$12.00. The time commitment went from 4 hours per employee to one hour online per employee.</p>						

Nebraska Information Technology Commission
Enterprise Project Status Dashboard – As of March 2011

Project: Network Nebraska Education		Contact: Tom Rolfes				
	February	January	December	November	October	September
Overall Status						
Schedule						
Budget						
Scope						
Comments						
<p>High points for 2010: Internet Access cost for K-12 has decreased by 60% over 2009-10 amounts with an all-time low of \$6.10/Mbps; at least three new independent colleges joined in October 2010; Network Nebraska-Education Advisory Group is embracing their advisory role to the CIO; Education Council's Network Nebraska Marketing Survey is finishing their 2011 Report and that is providing very good data upon which to make decisions and set strategic directions. Neb. Rev. Stat. 86-5, 100 Detailed Financial Reporting was completed on November 15, 2010. Neb. Rev. Stat. 86-520.01 Equipment Notification website will be finished before 2/9/2011.</p> <p>Schedule: Yellow. There are approximately 60 K-12 entities that have not joined Network Nebraska. They will be re-invited to join before the July 1, 2011 deadline. 14 public/private institutions have joined and 2 more are imminent.</p>						

		Mike Jeffres				
	February	January	December	November	October	September
Overall Status						
Schedule						
Budget						
Scope						
Comments						
<p>The OCIO-NPPD interlocal agreement establishes a System User Group to address user agency needs, and a System Operating Group to address operations and management. Ongoing system support and lifecycle includes multiple vendors in partnership with the state, in addition to partnerships with local and federal agencies.</p> <p>In process to hire final position.</p>						

Project: Fusion Center		Contact: Kevin Knorr				
	February	January	December	November	October	September
Overall Status						
Schedule						
Budget						
Scope						
Comments						
<p>The number of users defined in the original RFP and signed contract will be inadequate to fully implement the software solution once completed. Minor impact to the project schedule. Reason for change to yellow.</p> <p>Received contract extension notification on 12/30/2010.</p>						

Nebraska Information Technology Commission
Enterprise Project Status Dashboard – As of March 2011

Project: Online Assessment		Contact: John Moon				
	February	January	December	November	October	September
Overall Status						
Schedule						
Budget						
Scope						
Comments						
<p>Nebraska DOE has contracted with Data Recognition Corporation (DRC) to continue the development of the assessment system including management, development, delivery, administration, scanning/imaging, scoring, analysis, reporting, and standard setting for the online and pencil/paper reading and mathematics tests for July 1, 2010 through June 30, 2011. Field testing of science items for grades 5, 8, and 11 will be completed during the 3rd contract year, March 28 through May 6. Student data will be transferred from the Nebraska Student Staff Record System (NSSRS) to DRC's student data assessment system. The online subcontractor Computerized Assessments & Learning (CAL) for the online components of the assessment system will upload the student data from DRC. Schools will install CAL's software on local computers and software updates will be automatically uploaded when students log onto the assessment system. The student responses are cached on the local computer and sent to CAL. Each district has used CAL's school capacity process to evaluate online requirements for NeSA testing. The student responses for secure online assessments will be collected by CAL and transferred to DRC for analysis and reporting. During spring 2011, NDE is estimating that over 140,000 students will participate in the Reading and Mathematics operational testing. The NeSA reading/math test window is from March 28 through May 6, 2011. Test administrators will be able to monitor testing during the test window and review test results immediately after test administration (raw scores only). DRC's comprehensive corrections system will permit NDE to correct student records for duplicates, incorrect school assignment, etc during the month of June. Complete reporting of student results to districts, schools, and parents will be completed in August 2011.</p> <p>Nebraska DOE has also contracted with DRC to transition the previous statewide writing assessment system administered by ESU #3 into an online and pencil/paper assessment system. The management, development, delivery, administration, scanning/imaging, scoring, analysis, reporting, and standard setting for the writing assessments are included in the project for October 1, 2010 through June 30, 2011. Student data for grade 4, 8, and 11 will be transferred from the Nebraska Student Staff Record System (NSSRS) to DRC's student data assessment system. Grade 4 and 8 students will participate in the 2011 writing assessment with the paper/pencil mode just like previous years. The online subcontractor Computerized Assessments & Learning (CAL) will upload the grade 11 student data from DRC to pilot the online writing system.</p>						

Project: Interoperability Project		Contact: Pete Peterson				
	February	January	December	November	October	September
Overall Status						
Schedule						
Budget						
Scope						
Comments						
<p>The project is not on schedule. When we began the grant funded portion of the project needed to be completed in September of 2010. We have received an extension until September 2011 and plan on asking for another and final extension of the PSIC funds until September 2012. This wasn't a huge surprise, just disappointing that it has progressed so slowly.</p> <p>The project is within budget. We have been given a certain amount of dollars to complete the project and can't spend anymore. Although additional funding from future year Homeland Security Grants if they continue may be utilized to complete the project. It is difficult to place a cost on the project as it is dependent upon the existence of adequate infrastructure which is an unknown until the "ring" designs are finalized and structure and other analyses are complete.</p> <p>Project is within scope. A process is identified by the feds to seek a change within the scope of the project.</p>						

Nebraska Information Technology Commission
Enterprise Project Status Dashboard – As of March 2011

Project: MMIS		Contact:				
	February	January	December	November	October	September
Overall Status						
Schedule						
Budget						
Scope						
Comments						
Gray Status Color Indicates no report for the reporting period.						
Project On Hold until renewed						

Project: Enterprise Content Management		Contact: Kevin Keller				
	February	January	December	November	October	September
Overall Status						
Schedule						
Budget						
Scope						
Comments						
Enterprise Content Management (ECM) is the combination of strategies, methods and tools used to capture, manage, store, preserve, and deliver content related to an organization's functions. Content can include documents, email, images, video, audio, and any information in digital format. The ECM tool being purchased by the State also allows electronic forms and workflow to streamline processes. Currently working on Active Directory Security setup.						
Overall, project is on time and within budget.						

Color Legend	
	Red Project has significant risk to baseline cost, schedule, or project deliverables. Current status requires immediate escalation and management involvement. Probable that item will NOT meet dates with acceptable quality without changes to schedule, resources, and/or scope.
	Yellow Project has a current or potential risk to baseline cost, schedule, or project deliverables. Project Manager will manage risks based on risk mitigation planning. Good probability item will meet dates and acceptable quality. Schedule, resource, or scope changes may be needed.
	Green Project has no significant risk to baseline cost, schedule, or project deliverables. Strong probability project will meet dates and acceptable quality.
	Gray No report for the reporting period or the project has not yet been activated.