

MEETING AGENDA

NEBRASKA INFORMATION TECHNOLOGY COMMISSION

Friday, April 19, 2013, 1:30 p.m.
Atrium Conference Room - Suite 206
1200 N Street
Lincoln, Nebraska

AGENDA

[Meeting Documents](#) (66 pages)

1:30 p.m.	Roll Call, Notice of Meeting & Open Meetings Act Information Approval of Minutes* - October 29, 2012 Public Comment
1:40 p.m.	Reports from the Councils and Technical Panel A. State Government Council Report <ul style="list-style-type: none">• Security Architecture Workgroup• Enterprise Agreements B. Community Council Report C. eHealth Council Report <ul style="list-style-type: none">• Membership*• 2013 Health Information Exchange Goals D. Education Council Report <ul style="list-style-type: none">• Network Nebraska Update• Education I.T. Legislation E. GIS Council Report <ul style="list-style-type: none">• Membership*• Nebraska Geospatial Business Plan F. Technical Panel Report <ul style="list-style-type: none">• Standards and Guidelines<ul style="list-style-type: none">○ NITC 5-202: Blocking Email Attachments (Repeal)*<ul style="list-style-type: none">- Technical Panel Recommendation: Repeal- State Government Council Recommendation: Repeal○ NITC 5-203: Blocking Unsolicited Bulk Email / "Spam" (Repeal)*<ul style="list-style-type: none">- Technical Panel Recommendation: Repeal- State Government Council Recommendation: Repeal○ NITC 7-104: Web Domain Name Standard (New)*<ul style="list-style-type: none">- Technical Panel Recommendation: Approve- State Government Council Recommendation: Approve○ NITC 8-101: Information Security Policy (Amendment)*

	<ul style="list-style-type: none"> - Technical Panel Recommendation: Approve - State Government Council Recommendation: Approve • Enterprise Projects <ul style="list-style-type: none"> ○ Enterprise Project Designation* <ul style="list-style-type: none"> ■ Department of Education - District Dashboards ○ Project Closure* <ul style="list-style-type: none"> ■ Administrative Services - LINK Human Capital Management ○ Status Report
2:40 p.m.	<p>Informational Updates</p> <ul style="list-style-type: none"> • Public Safety Communications • Email Migration • Cyber Security Conference, Tuesday, June 4, 2013 • Potential Enterprise Projects
3:00 p.m.	Other Business
3:05 p.m.	NITC Website
3:15 p.m.	Adjournment

*** 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.)

Meeting notice was posted to the [NITC website](#) and the [Nebraska Public Meeting Calendar](#) on March 5, 2013. The agenda was posted on the NITC website on April 15, 2013. [Nebraska Open Meetings Act](#)

NEBRASKA INFORMATION TECHNOLOGY COMMISSION

Monday, October 29, 2012, 9:30 a.m.

Southeast Community College, Division of Continuing Studies-Room 303/304

301 South 68th Street Place, Lincoln, Nebraska

MINUTES

MEMBERS PRESENT:

Lieutenant Governor Rick Sheehy, Chair
Pat Flanagan, PM Managed Services – CoSentry, LLC
Donna Hammack, Saint Elizabeth Foundation
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
Brad Moline, Allo Communications
Dan Shundoff, Intellicom

MEMBERS ABSENT: Senator Galen Hadley (non-voting)

INTRODUCTION OF NEW COMMISSIONERS

Prior to calling the meeting to order, Lt. Governor Sheehy introduced the two new Commissioners. Donna Hammack and Brad Moline were welcomed to the Nebraska Information Technology Commission.

ROLL CALL, NOTICE OF MEETING & OPEN MEETINGS ACT INFORMATION

Lt. Governor Sheehy called the meeting to order at 9:33 a.m. There were six members present at the time of roll call. A quorum existed to conduct official business. The meeting notice was posted to the [NITC website](#) and the [Nebraska Public Meeting Calendar](#) on October 12, 2012. The agenda was posted on the NITC website on October 22, 2012. The Open Meetings Law was available on the north wall countertop.

Commissioner Hammack arrived to the meeting.

APPROVAL OF AUGUST 15, 2012 MINUTES*

Commissioner Flanagan moved to approve the [August 15, 2012](#) minutes as presented. Commissioner Hedquist seconded. Roll call vote: Sheehy-Yes, Flanagan-Yes, Hammack-Yes, Hedquist-Yes, Hoelsing-Yes, Huggenberger-Yes, and Moline-Yes. Results: Yes-7, No-0, Abstained-0. Motion carried.

PUBLIC COMMENT

There was no public comment.

Commissioner Kristensen arrived to the meeting.

REPORT - COMMUNITY COUNCIL

Broadband Conference. A broadband conference was held Oct. 2, 2012 in Lincoln with over 100 participants attending the full conference and over 100 students attending the luncheon featuring Internet pioneer, Vint Cert.

Best Practice Videos. The University of Nebraska and the AIM Institute are developing short videos highlighting how broadband is being utilized in Nebraska. Videos have been produced featuring Metalquest in Hebron, Banner County Public Schools, and 21st Century Equipment in western Nebraska,

Dinklage Feed Yards in Sidney, and Comfy Feet in Hartington. The videos are available at <http://Youtube.com/broadbandnebraska> or <http://broadband.nebraska.gov/videos> .

League Broadband Survey. Members of the League of Municipalities were surveyed to provide insight into how municipalities are using technology. Ms. Byers reported on some of the preliminary findings. Respondents identified the following challenges to moving local government services to the Internet:

- The ability to accept payment by credit card (46%);
- Funding to implement (39%);
- Available staff (37%); and
- Inability to keep upgrading new technology (33%).

Broadband is beginning to be incorporated into economic development plans. Twenty-five percent (25%) of respondents from communities with a population of more than 5,000 and 9% of total respondents indicated that their economic development plan currently incorporates or will be incorporating broadband. Overall, respondents seem satisfied with broadband services in their communities. Forty-four percent (44%) of respondents felt that current Internet services are very adequate for businesses in their community.

Commissioner Hedquist commented that the videos are great and that communities are very interested in payments online.

REPORT - EHEALTH COUNCIL

Commissioner Shundoff arrived to the meeting.

Membership*. The eHealth Council has three new member nominations for approval by the NITC:

- Jenifer Roberts-Johnson, Chief Administrator, Division of Public Health, Department of Health and Human Services
- Carol Brandl, Telehealth and Medical Education Coordinator, Bryan LGH Health Services
- Marty Fattig, CEO, Nemaha County Hospital

Commissioner Kristensen moved to approve the eHealth Council's recommendation and nomination of three new Council members (Roberts-Johnson, Brandl and Fattig). Commissioner Hoelsing seconded. Roll call vote: Moline-Yes, Kristensen-Yes, Huggenberger-Yes, Hoelsing-Yes, Hedquist-Yes, Hammack-Yes, Flanagan-Yes, Sheehy-Yes, and Shundoff-Yes. Results: Yes-9, No-0, Abstained-0. Motion carried.

State HIE Cooperative Agreement Update

On March 15, 2010, the Nebraska Information Technology Commission/Office of the CIO received \$6.8 million in funding from the Office of the National Coordinator for Health IT's State HIE Cooperative Agreement program. Subrecipients include NeHII (\$4.8 million), the Electronic Behavioral Health Information Network (eBHIN, \$1.1 million), and the Nebraska Statewide Telehealth Network (\$73,620). The UNMC College of Public Health is serving as the external evaluator.

NeHII Implementation Status. NeHII continues to add physicians, health care providers, and hospitals. Over 2,000 physicians and health care providers are using NeHII to access patient health information, with over 150 physicians signing participation agreements in the first quarter of 2012, 70 in the second quarter, and 131 in the third quarter. Regional West Medical Center, Columbus Community Hospital, Sidney Regional Medical Center joined NeHII in 2012. Additionally, York General Hospital, Avera St. Anthony's Hospital (O'Neil), Avera Creighton Hospital, Providence Medical Center (Wayne), and Cass County Health System (Atlantic, IA) have begun the implementation process to join NeHII. Chase County Hospital (Imperial) kicks off its NeHII implementation on Oct. 31. Other participating health systems and hospitals include Alegent Health, Children's Hospital and Medical Center, Methodist Health System, The Nebraska Medical Center, Mary Lanning Memorial Hospital (Hastings), Creighton University Medical

Center, Great Plains Regional Medical Center (North Platte), Nebraska Spine Hospital, and Blue Cross Blue Shield of Nebraska.

Prescription Drug Monitoring Program Functionality. In 2011, Governor Heineman signed LB 237 which authorized the Nebraska Department of Health and Human Services to collaborate with NeHII to establish a prescription drug monitoring program (PDMP). NeHII's functionality allows physicians to view a patient's medication history and other clinical information through NeHII's Virtual Health Record, enabling physicians to more safely prescribe controlled substances. The MITRE organization is working with NeHII, Mary Lanning Memorial Hospital, EPOWERdoc and the State Public Health team to implement a Prescription Drug Monitoring Program pilot with Mary Lanning Memorial Hospital using single sign-on functionality between the electronic health records and NeHII to signal possible drug seeking activities to physicians. The pilot is continuing to progress, overcoming obstacles with exchanging the SAML token and the project is moving to the testing phase. Alegent Health, COPIC and NeHII sponsored a Prescription Drug Monitoring Program continuing education program on October 8th, 2012 at the McAuley Center on Alegent Health's campus. The program's goal was to provide physicians with tools to identify and manage potential drug seekers in the clinic and emergency department settings. One hundred seventeen providers attended the event to hear speakers from the Drug Enforcement Agency, emergency department, pain clinics and family practices share their experiences in managing potential drug seekers. COPIC and the Nebraska Medical Association are also sponsoring one-day programs in October on "Facts, Fiction, and Reality: A Multidisciplinary Look at the Use, Abuse, and Diversion of Prescription Drugs in Nebraska." Deb Bass and Anne Dworak will be presenting on the Prescription Drug Monitoring Program during these seminars.

Payer Access Pilot. The direct payer access pilot with Blue Cross Blue Shield of Nebraska kicked off on October 4, 2012. The Blue Cross Blue Shield of Nebraska pilot participant/users have been trained and will be completing a survey each time they access NeHII to track pilot value measures. The date filter is working correctly and the Blue Cross Blue Shield of Nebraska users are excited to start using the tool to support the gathering of information more efficient and make their jobs easier. NeHII has documented the primary and secondary audit process and it has been approved by Blue Cross Blue Shield of Nebraska

Immunization Registry. NeHII and the Nebraska Department of Health and Human Services Division of Public Health have been working to exchange data between NeHII and the State's immunization registry (NESIIS). Bidirectional exchange between NeHII and NESIIS is expected to be operational in the fourth quarter of 2012.

Consumer Campaign. NeHII has launched a new consumer campaign using Connect the "Docs" as the theme. The campaign includes:

- A consumer website (<http://www.connectnebraska.net/>),
- Youtube video (<http://www.youtube.com/watch?v=vLqi7-jD4N8>),
- Consumer brochure, and
- Public service announcements.

eBHIN. The Electronic Behavioral Health Information Network (eBHIN) has gone live with its health information exchange functionality in Region 5 in Southeast Nebraska. eBHIN is one of the nation's first health information exchanges focusing on the exchange of behavioral health information. As of Sept. 17, ten out of the fifteen Region 5 sites had begun using the health information exchange functionality. Sites in Region 1 in the Panhandle and Region 6 in the Omaha area will begin going live with the health information exchange functionality as early as November 2012. Regions 2, 3 & 4 have received a planning grant from the U.S. Department of Health and Human Services Health Resources and Services Administration (HRSA) to determine the resources needed to participate. These regions will consider participation based on costs and logistics identified on the planning process. eBHIN provides shared record exchange across treatment settings, closed loop referrals, wait list management and interim services tracking, medication reconciliation, and aggregate reporting at provider, region and state levels. eBHIN is also working with NeHII to utilize Direct secure messaging to exchange information—with patient consent—between behavioral health and medical providers.

Desk Audit. The Office of the National Coordinator has completed a desk review of the State HIE Cooperative Agreement. The report states: “Overall, it appears that the Nebraska Department of Administrative Services is managing funds in compliance with Federal regulations and its organization’s policies and procedures. As seen in the report, there are instances where the Nebraska Department of Administrative Services can improve upon its policies.”

State HIE Cooperative Agreement Expenditures

State HIE Cooperative Agreement Expenditures to Date	Expended	Allocated	% Expended
NeHII	\$4,806,074.71	\$4,898,275.00	98%
State/NITC	\$99,155.71	\$157,075.00	63%
Eval/UNMC	\$45,458.39	\$269,435.00	17%
eBHIN	\$855,472.57	\$1,112,275.00	77%
Pub Health	\$59,500.22	\$326,500.00	18%
Telehealth	\$42,431.42	\$73,620.00	58%
Total	\$5,908,093.02	\$6,837,180.00	86%

Strategic Plan Update. The Nebraska [Strategic eHealth Plan](#) was been completed in August. As the Council continues to address health information exchange, the plan will be updated.

Ms. Byers entertained questions from the Commissioners.

REPORT - STATE GOVERNMENT COUNCIL

Rick Becker reported that the Council has met once since the last Commission meeting. On October 11th, the Council reviewed 20 biennial IT budget requests that the Commission will be taking action on later in agenda. In addition, council members have been working on their agency IT plans. The Office of the CIO is currently reviewing the agency IT plans. There was a change in the Council’s membership. The Department of Education appointed Brent Gaswick as their Council representative with Lori Henkenius serving as the alternate. No action was required of the Commission.

REPORT – EDUCATION COUNCIL

Tom Rolfes reported that the Council has met twice since the last NITC meeting. At the Council’s August 16th meeting, an overview of the biennial budget was presented by the Budget Office. Matt Blomstedt, ESUCC Executive Director, provided a presentation on the ESUCC’s distance education/eLearning efforts. At the Council’s October 24th meeting, the Council reviewed two biennial IT budget requests

- 47-04 NET Media Management Services
- ESUCC 01 BlendEd eLearning System (voluntary review)

These proposals will address the following NITC Strategic Initiatives:

- D3 Action: Develop and deploy a statewide digital content repository that allows the assignment of digital property rights and the uploading, cataloguing, metatagging, searching, and downloading of digital learning objects by Nebraska educators.
- D4 Action: Develop and deploy a statewide learning management system for every K-12 teacher and learner, grades 6-12, and to also train teachers in effective instructional design to integrate synchronous and asynchronous technologies.
- D5 Action: Develop and deploy a statewide directory services structure that will enable students and teachers a single sign-on to associated learning management services and content management resources.

Network Nebraska Market Survey [Report Excerpt](#) (Link: [Full Report](#)). The 2012 Network Nebraska Survey has been completed. This is the fourth year that survey has been done. This was the first year the survey included questions about shared services. Seventy-five percent (75%) of the users indicated interest in shared services to reduce costs and increase statewide collaboration. There is a lot of interest

to work together to cut costs for schools. The Education Council discussed the potential for centers for excellence that could be regionally based. Invoicing for shared services could be easily done via the current billing system.

Mr. Rolfes entertained questions from the Commissioners. Commissioner Moline commented that he was impressed and pleased with how well the network upgrade project was managed this summer.

Membership*. At the October 24th meeting, the Council voted to forward the nomination of Mike Carpenter, Chief Technology Officer, Doane College, for approval by the NITC. Mr. Carpenter will fill the vacancy left by Ken Clipperton and will represent Independent Colleges and Universities.

Commissioner Hoelsing moved to approve the Education Council's nomination. Commissioner Hedquist seconded. Roll call vote: Flanagan-Yes, Hammack-Yes, Hedquist-Yes, Hoelsing-Yes, Huggenberger-Yes, Kristensen-Yes, Moline-Yes, Shundoff-Yes, and Sheehy-Yes. Results: Yes-9, No-0, Abstained-0. Motion carried.

REPORT – GIS COUNCIL

Nebraska Geospatial Strategic Plan [Executive Summary](#) (Link: [Full Plan](#)). Nathan Watermeier reported that the Council has been meeting monthly due to the development of the strategic plan. The Vice Chair, Mike Preston had planned to provide the update for Membership report but he was ill today.

The Nebraska Geospatial Strategic Plan will have three business plans:

- A plan to achieve Goal #1, the creation, maintenance, analysis, and publishing of Nebraska spatial data infrastructure layers.
- A plan to achieve Goal #2, enhance and sustain NebraskaMAP as the statewide geospatial data clearinghouse.
- A plan to achieve Goal 3, Technical Assistance and Education Outreach Plan. The Council sees a strong need to communicate what GIS is and encourage participation.

There has been a disconnection between local, state and federal entities in regards to GIS. During the summer fires, the OCIO learned that there are different levels of security of federal data, that there was a mismatch of data, and that there is a need to improve the quality of GIS data.

Lt. Governor Sheehy commented that the availability of GIS data was very helpful and played a big role in fighting the fires.

The Council has established five Working Groups: Nebraska Geospatial Data Sharing and Web Services Network; Street Centerline-Address Database; Land Records, Imagery and Digital Elevation-LIDAR. Volunteers are committed to the Working Groups' foci.

Membership*. At the October 3rd meeting, the Council approved the nomination of Pat Larson as a new council member for the NITC's approval.

Commissioner Kristensen inquired about the status of the recommendation he submitted to Ms. Decker. Mr. Watermeier reported that those recommendations were received from Ms. Decker and then passed on to the GIS Council. The GIS Council established a Nomination Committee to review all recommendations and report back to the Council. The Nomination Committee looked at the representation of the Council and agreed that a rural active GIS user and someone representing western portion of the state was lacking on the Council. One individual recommended was not able to attend the meetings on the designated dates and declined further consideration.

Commissioner Kristensen voiced his concern that there isn't enough private sector representation on the Council. He stated that GIS in Nebraska is currently compartmentalized and the GIS Council needs to include all players. Mr. Watermeier explained that the nomination committee had discussed this issue and felt that including a representative of the GIS/LIS Association on the GIS Council fulfilled the need for

private sector representation. The Nebraska GIS/LIS Association is a non-profit organization which has private sector members. The GIS Council Vice-Chair represents the Nebraska GIS/LIS Association. Commissioner Kristensen requested further discussion of the GIS Council membership. Mr. Watermeier agreed to work with the GIS Council to reevaluate the representation of its At-Large membership.

Commissioner Kristensen moved to table this agenda item until the next meeting. Commissioner Flanagan seconded. Roll call vote: Sheehy-Yes, Flanagan-Yes, Hammack-Yes, Hedquist-Yes, Hoelsing-Yes, Huggenberger-Yes, Kristensen-Yes, Moline-Yes, and Shundoff-Yes. Results: Yes-9, No-0, Abstained-0. Motion carried.

REPORT - TECHNICAL PANEL

Walter Weir thanked the NITC, Education Council and the Office of the CIO for their assistance with Network Nebraska.

Standards and Guidelines

The Nebraska State Patrol requested a waiver from standard NITC 5-101 Enterprise Content Management for State Agencies. The current ECM system does not meet their needs or offer the specialized features necessary to ensure compliance and accreditation. The agency requested to purchase QualTrax Compliance software and to revisit the ECM solution upon the end of the software lifecycle which is anticipated to be 5 years. The Technical Panel approved the waiver.

Enterprise Projects - [Status Report](#)

Andy Weekly reported that the NRIN (Nebraska Regional Interoperability Network) is experiencing local jurisdiction issues and is the only project at risk. The Administrative Services LINK Capital Management project is completed. The Fusion Center will continue to be monitored due to one outstanding vendor requirement that has not been met. All other enterprise projects are progressing smoothly.

2013-2015 BIENNIAL BUDGET - [IT PROJECT PROPOSALS](#) - RECOMMENDATIONS TO THE GOVERNOR AND LEGISLATURE*

Mr. Weir gave acknowledgement and thanks to the project reviewers. Mr. Becker reviewed the IT Budget Request process for the new NITC Commissioners. All NITC Advisory Groups have submitted their tier recommendations of IT project proposals to the Office of the CIO for the NITC's final review and approval. Agency representatives were in attendance to answer questions from the Commission.

Commissioner Flanagan moved to accept and approve the NITC Advisory Councils I.T. Project Tier recommendations. Commissioner Hedquist seconded.

Commissioners reviewed each project's tier recommendation and were given an opportunity to make changes or keep as recommended. There were no changes. A roll call vote was taken.

Roll call vote: Kristensen-Yes, Moline-Yes, Shundoff-Yes, Sheehy-Yes, Flanagan-Yes, Hammack-Yes, Hedquist-Yes, Hoelsing-Yes, and Huggenberger-Yes. Results: Yes-9, No-0, Abstained-0. Motion carried.

[NITC PROGRESS REPORT](#) TO THE GOVERNOR AND LEGISLATURE - NOVEMBER 2012*

By November 15th of every even-numbered year, the NITC is required to submit a Progress Report to the Governor and the Legislature. In addition, every odd-numbered year the CIO provides a legislative update to the Appropriations and Transportation and Telecommunication Committees.

Commissioner Hoelsing moved to approve the 2012 NITC Progress Report. Commissioner Shundoff seconded. Roll call vote: Hoelsing-Yes, Hedquist-Yes, Hammack-Yes, Flanagan-Yes,

Sheehy-Yes, Shundoff-Yes, Moline-Yes, Kristensen-Yes, and Huggenberger-Yes. Results: Yes-9, No-0, Abstained-0. Motion carried.

INFORMATIONAL UPDATES

CIO's Report on the Status of Enterprise Projects. By the next NITC meeting, it is anticipated that two enterprise projects will be completed – Administrative Services-LINK and the State Patrol-Fusion Center projects. Ms. Decker reminded the Commission that if any of the 2013-15 IT Budgets are funded, these may be designated as Enterprise Projects and may be monitored by the NITC.

Other IT Related Budget Issues. Agency budget requests submitted in September contained a number of IT related requests beyond just the IT projects reviewed earlier; the Office of the CIO will monitor these issues and provide input as appropriate.

Network Nebraska. Mr. Rolfes provided a brief history about Network Nebraska, CAP (Collaborative Aggregation Partnership, and NNAG (Network Nebraska Advisory Group) for the new Commissioners. The next RFP procurement is for service provider contracts for 30 or more sites. Federal E-rate plays a big role in the affordability of the network. The OCIO is currently waiting on E-rate funding for 2012. A PIA review has just been conducted and currently waiting on a positive response from this as well. The Project has 100% of public higher education, 43% of nonpublic higher education, and 88% of public K12 entities participating. There are some non-public K12 participants as well. Assurance of quality is also a role of the OCIO. Currently, the office is negotiating credits for interruptions of service.

2012 Digital States Survey Results. The Center for Digital Government completed a survey of all fifty states on their digital government initiatives. Rather than ranking the states, the Center gives grades. Nebraska received a B- two years ago. For 2012, Nebraska received a B+ due to our leadership and collaboration with agency partners. In other states, universities and state government agencies rarely work together. Nebraska is unique in regards to state and local collaboration efforts.

2012 Nebraska Digital Summit and NASCIO Recognition. Commissioners were invited to attend the 15th Annual Nebraska Digital Summit which will be held at Lincoln Embassy Suites on October 30, 2012. Brenda Decker also informed Commissioners that NASCIO (National Association of State CIO's) presented the 2012 State Technology Innovator Award to Governor Dave Heineman.

[NITC Logo.](#) Elizabeth Vornbrock, a Graphic Design Media Arts student at Southeast Community College designed a new NITC logo. She will also be assisting with the NITC website this fall quarter.

Commissioner Flanagan complimented the Office of the CIO and the University of Nebraska staff with the improvement of biennial IT budget proposal process and their dedication as stewards of the state's IT investments.

OTHER BUSINESS

There was no other business.

ADJOURNMENT

Commissioner Hoelsing moved to adjourn. Commissioner Hedquist seconded. All were in favor. Motion carried.

The meeting was adjourned at 11:25 a.m.

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

April 15, 2013

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

On January 12, 2010, the National Telecommunications and Information Administration awarded the Nebraska Public Service Commission approximately \$2.1million for broadband data collection, mapping and planning activities over a two-year period. On September 27, 2010 an additional \$3.5 million was awarded to the Public Service Commission for mapping and planning activities in years two through five of the project. The NITC Community Council is partnering with the University of Nebraska, the Nebraska Department of Economic Development, and the AIM Institute to implement the planning component of the broadband mapping grant.

- **Broadband Map.** A broadband map of Nebraska has been developed with information from telecommunications providers. The map is available at broadbandmap.nebraska.gov. The data collected is also used to create a national broadband map (www.broadbandmap.gov).
- **Broadband Conference.** Nearly 300 people attended the 2nd annual Broadband Connecting Nebraska Conference held October 2, 2012 featuring Internet pioneer, Vint Cerf. Planning for the 2013 conference Oct. 16-17 in Kearney is underway.
- **Best Practice Videos.** Twelve videos highlighting best practices in expanding broadband adoption have been produced and made available on www.youtube.com and broadband.nebraska.gov.
- **Webinars.** Up to four webinars are being offered each year of the grant to address broadband adoption and utilization.
- **Regional Planning.** Regional planning teams have been formed to create regional plans. Focus groups have been convened to solicit input on broadband issues.

April 15, 2013

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

Membership

The terms of several eHealth Council members are up for renewal. The eHealth Council also has two new member nominations. Additionally, Donna Hammack has resigned from the eHealth Council in light of her new responsibilities as an NITC commissioner.

Renewals

- Senator Annette Dubas
- Congressman Jeff Fortenberry, represented by Marie Woodhead
- Carol Brandl, Nebraska Statewide Telehealth Network and Bryan LGH
- Wende Baker, Southeast Nebraska Behavioral Health Information Network
- Kay Oestmann, Southeast District Health Department
- Alice Henneman, University of Nebraska-Lincoln Extension in Lancaster County
- Kimberly Galt, Creighton University School of Pharmacy and Health Professions

New Member Nominations

- Patrick Werner, Nebraska Department of Correctional Services (replacing Steve Urosevich)
- Kevin Borchert, Methodist Health System, replacing Joni Cover, Nebraska Pharmacists Association

Resignations

- Donna Hammack, Saint Elizabeth Foundation

State Health Information Exchange Cooperative Agreement Update

On March 15, 2010, the State of Nebraska, Nebraska Information Technology Commission received a four-year \$6.8 million health information exchange grant from the U. S. Department of Health and Human Services, Office of the National Coordinator for Health IT.

Collectively, State Health Information Exchange grantees have spent just over 50% of their grant funds. Because the grant was structured to require an increasing percentage of match each federal fiscal year with a 33.33% match required this federal fiscal year, many states will be challenged to meet the matching requirements. Because our plan leveraged the services of an operational health information exchange (NeHII), our implementation has been relatively smooth in comparison to other states. We have been able to expend 90% of our funds.

A summary of our expenditures is below.

	Expended	Allocated	% Expended	Balance
NeHII	\$4,821,468.49	\$4,898,275.00	98%	\$76,806.51
State/NITC	\$100,699.04	\$157,075.00	64%	\$56,375.96
Eval/UNMC	\$93,313.71	\$269,435.00	35%	\$176,121.29
eBHIN	\$982,627.53	\$1,112,275.00	88%	\$129,647.47
Pub Health	\$100,533.15	\$326,500.00	31%	\$225,966.85
Telehealth	\$70,802.01	\$73,620.00	96%	\$2,817.99
Total	\$6,169,443.93	\$6,837,180.00	90%	\$667,736.07

NeHII. NeHII (Nebraska Electronic Health Information Initiative) continues to add hospitals, physicians, and other providers. Four hospitals completed the implementation process in the first quarter of 2013: Avera Creighton Hospital (Creighton), Avera St. Anthony's Hospital (O'Neill), Cass County Health System (Atlantic, IA), and York General Hospital (York). Other participating hospitals and payers include Alegent Health Hospitals (including Omaha, Papillion, Schuyler, Corning, IA, and Missouri Valley, IA), Children's Hospital and Medical Center (Omaha), Columbus Community Hospital (Columbus), Creighton University Medical Center (Omaha), Great Plains Regional Medical Center (North Platte), Mary Lanning Memorial Hospital (Hastings), Methodist Health System (Omaha), The Nebraska Medical Center (Omaha and Bellevue), Nebraska Spine Hospital (Omaha), Regional West Medical Center (Scottsbluff), Sidney Regional Medical Center (Sidney), and Blue Cross Blue Shield of Nebraska. Over 2,900 physicians and health care providers are using NeHII.

The Electronic Behavioral Health Information Network (eBHIN). Behavioral health providers participating in the Electronic Behavioral Health Information Network (eBHIN) began uploading demographic information to Magellan, the State of Nebraska's Administrative Service Organization, in June 2011. eBHIN is finishing deployment of HIE functionality in southeast Nebraska and is working on implementations in the Omaha area. eBHIN has developed an innovative approach to managing consent and authorization which will allow the exchange of health information with patient consent between the eBHIN and health care providers outside of eBHIN.

eHealth Goals for 2013

The eHealth Council has set goals for 2013. The goals will be included as part of the 2013 state operational eHealth plan which will be submitted to the Office of the National Coordinator in early May. The goals are included in the meeting materials.

Medication History/Prescription Drug Monitoring Functionality

In 2011, Governor Heineman signed LB 237 which authorized the Nebraska Department of Health and Human Services to collaborate with NeHII to establish a Prescription Drug Monitoring Program (PDMP). NeHII's functionality allows physicians to view a patient's medication history and clinical information, enabling physicians to more safely prescribe controlled substances. LB 535, introduced by Senator Lathrop this session, would require changes to the current Prescription Drug Monitoring Program, including allowing access by law enforcement. LB 535 will likely not move forward this session. The issue is likely to be revisited next year.

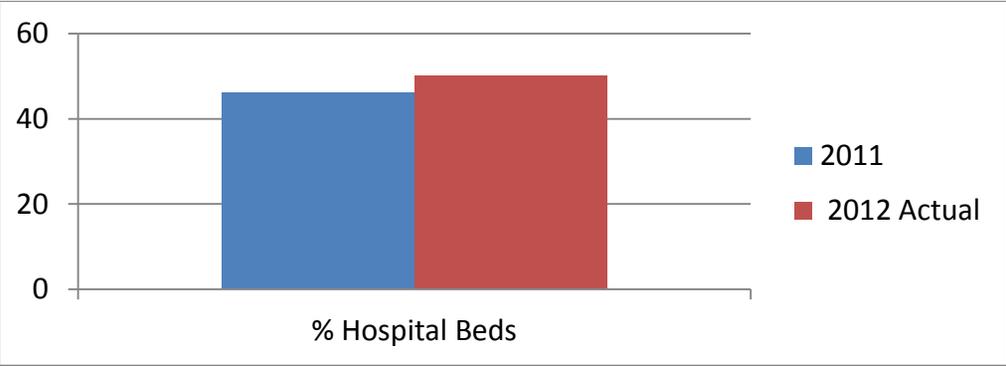
Nebraska HIE Goals and Tracking

January 2013

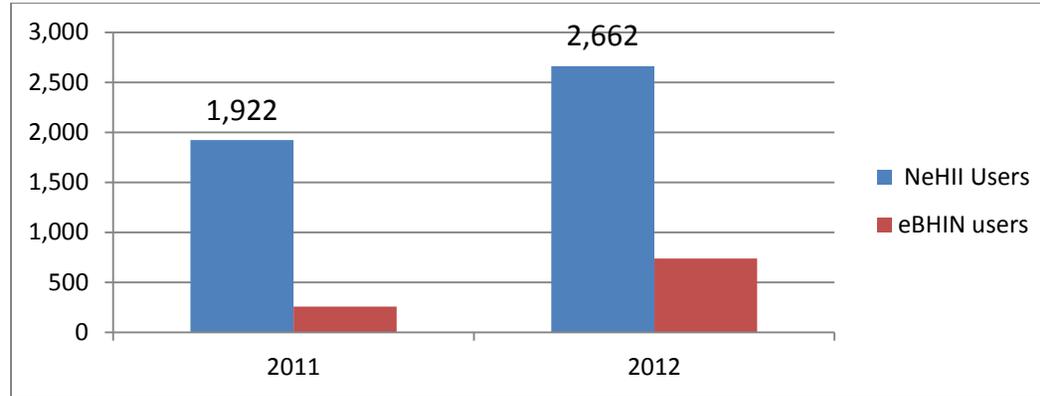
Participating Hospitals—NeHII



% of Nebraska Hospital Beds Covered by NeHII



Nebraska HIE Users



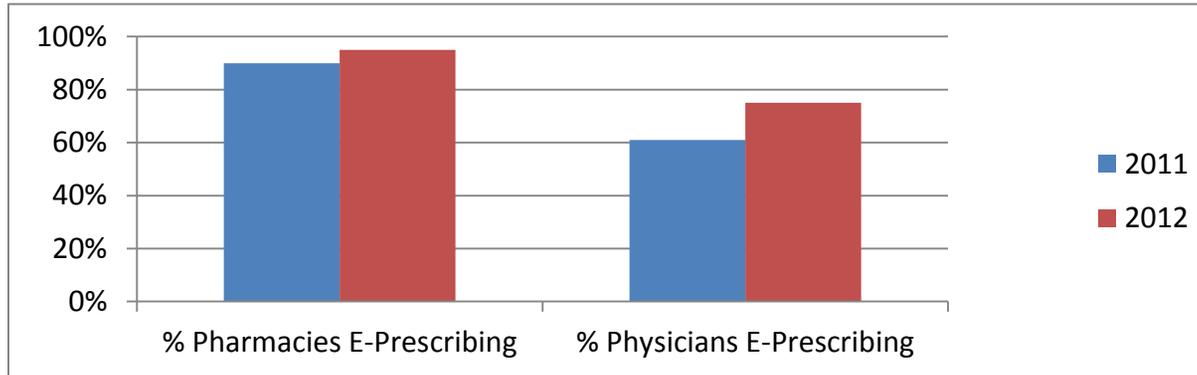
Nebraska HIE Metrics

Measure	Baseline 2011	Target 2012	Actual 2012	Target 2013
Individual users enabled for query-based exchange through NeHII	1,922 total users	2,500 total users	2,662 total users	3062
Individual users enabled for query-based exchange through eBHIN	259 providers with EPM/O providers on HIE	905 total users	217 individual HIE users from 11 organizations. Additionally, eBHIN has 264 EHR users and 257 EPM users	300 HIE users
Acute Care Hospitals Actively Participating in Query-Based Exchange through NeHII	17 hospitals (14 Nebraska and 3 Iowa) Participating Hospitals--NeHII <ul style="list-style-type: none"> • Bellevue Medical Center - Bellevue, NE • Bergan Mercy Hospital - Omaha, NE • Children’s Hospital and Medical Center - Omaha, NE • Great Plains Regional Medical Center – North Platte, NE 	27 hospitals	22 hospitals Participating Hospitals--NeHII <ul style="list-style-type: none"> • Bellevue Medical Center - Bellevue, NE • Bergan Mercy Hospital - Omaha, NE • Children’s Hospital and Medical Center - Omaha, NE • Creighton University Medical Center – Omaha, NE • Great Plains Regional Medical Center – North Platte, NE 	39 Dependent upon implementation progress of private HIEs within Nebraska health systems and HITECH 90/10 matched funding approval

	<ul style="list-style-type: none"> • Lakeside Hospital - Omaha, NE • Immanuel Hospital - Omaha, NE • Mary Lanning Memorial Hospital - Hastings, NE • Memorial Hospital -Schuyler, NE • Methodist Hospital - Omaha, NE • Methodist Women’s Hospital – Omaha, NE • Midlands Hospital -Papillion, NE • Nebraska Spine Hospital - Omaha, NE • The Nebraska Medical Center - Omaha, NE • Community Memorial Hospital - Missouri Valley, IA • Mercy Hospital - Corning, IA • Mercy Hospital - Council Bluffs, IA 		<ul style="list-style-type: none"> • Lakeside Hospital - Omaha, NE • Immanuel Hospital - Omaha, NE • Mary Lanning Memorial Hospital - Hastings, NE • Memorial Hospital -Schuyler, NE • Methodist Hospital - Omaha, NE • Methodist Women’s Hospital – Omaha, NE • Midlands Hospital -Papillion, NE • Nebraska Spine Hospital - Omaha, NE • The Nebraska Medical Center - Omaha, NE • Community Memorial Hospital - Missouri Valley, IA • Mercy Hospital - Corning, IA • Mercy Hospital - Council Bluffs, IA • Regional West Medical Center - Scottsbluff • Columbus Community Hospital – Columbus • Sidney Regional Medical Center - Sidney • Avera Creighton - Creighton • Avera St. Anthony’s – O’Neill <p>Note: Hospitals under implementation at the close of 2012 include:</p> <ul style="list-style-type: none"> • Beatrice Community Hospital • Boys Town Hospital • Cass County Hospital (Atlantic, IA) • York General Hospital • Providence Medical Center (Wayne) 	
% of Nebraska Hospital Beds Participating in Query-Based Exchange through NeHII	46%	60%	51%	56 - 62%

Hospital Behavioral Health Units Participating in eBHIN	0	3	0	3
Laboratories actively participating in query-based exchange	<p>17 hospital-based laboratories (14 Nebraska and 3 Iowa)</p> <p>Hospital-Based Laboratories Participating in NeHII</p> <ul style="list-style-type: none"> • Bellevue Medical Center - Bellevue, NE • Bergan Mercy Hospital - Omaha, NE • Children’s Hospital and Medical Center - Omaha, NE • Great Plains Regional Medical Center - North Platte, NE • Lakeside Hospital - Omaha, NE • Immanuel Hospital - Omaha, NE • Mary Lanning Memorial Hospital - Hastings, NE • Memorial Hospital -Schuyler, NE • Methodist Hospital - Omaha, NE • Methodist Women’s Hospital – Omaha, NE • Midlands Hospital -Papillion, NE • Nebraska Spine Hospital - Omaha, NE • The Nebraska Medical Center - Omaha, NE • Community Memorial Hospital - Missouri Valley, IA • Mercy Hospital, Corning, IA • Mercy Hospital – Council Bluffs, IA 	<p>1 independent reference lab and 27 hospital-based laboratories</p>	<p>22 hospital-based laboratories</p> <ul style="list-style-type: none"> • Bellevue Medical Center - Bellevue, NE • Bergan Mercy Hospital - Omaha, NE • Children’s Hospital and Medical Center - Omaha, NE • Creighton University Medical Center – Omaha, NE • Great Plains Regional Medical Center – North Platte, NE • Lakeside Hospital - Omaha, NE • Immanuel Hospital - Omaha, NE • Mary Lanning Memorial Hospital - Hastings, NE • Memorial Hospital -Schuyler, NE • Methodist Hospital - Omaha, NE • Methodist Women’s Hospital – Omaha, NE • Midlands Hospital -Papillion, NE • Nebraska Spine Hospital - Omaha, NE • The Nebraska Medical Center - Omaha, NE • Community Memorial Hospital - Missouri Valley, IA • Mercy Hospital - Corning, IA • Mercy Hospital - Council Bluffs, IA • Regional West Medical Center - Scottsbluff • Columbus Community Hospital – Columbus • Sidney Regional Medical Center - Sidney • Avera Creighton - Creighton • Avera St. Anthony’s – O’Neill 	<p>39 hospital-based laboratories</p> <p>Dependent upon implementation progress of private HIEs within Nebraska health systems and HITECH 90/10 matched funding approval</p>

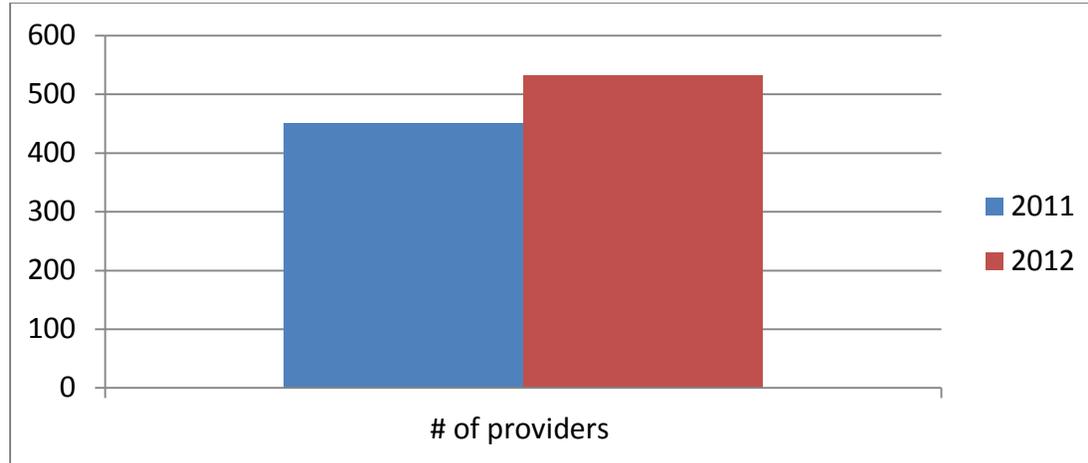
E-Prescribing Adoption



E-Prescribing Adoption

Measure	Baseline 2011	Target 2012	Actual 2012	Target 2013
% of community pharmacies activated for e-prescribing	90%	95%	95% Nov. 2012	96%
% of physicians e-prescribing	56%-61% depending upon the estimate of the number of physicians used 1,962 physicians e-prescribing (Dec. 2011)	75%	69%-74% depending upon the estimate of the number of physicians used 2,517 physicians e-prescribing (Dec. 2012)	89%

Providers Submitting to Immunization Registry



Providers Submitting to Immunization Registry/Public Health Reporting

Measure	Baseline 2011	Target 2012	Actual 2012	Target 2013
Total Number of Providers Submitting to Immunization Registry	450**	750	532*	750
Number of Providers Submitting to Immunization Registry Electronically	136	436	193*	436
# of labs submitting data to NEDSS	16	20	17	23
# of hospitals submitting data to the syndromic surveillance system	16	24	17	24
# of ambulatory providers/clinics submitting syndromic surveillance data		12	1	12

*It is important to note that this is the number of “distinct” connections we have with facilities/vendors and some of these facilities/vendors send for multiple facilities/locations. For example – Mollen Immunization Clinics is counted as “1” connection but they send for all WalMart and Sam’s Club locations across the State of NE. Same thing for Shopko – they are 1 connection but send for all locations in NE. Some vendors send data for multiple participating clinics – they may be listed as 1 “connection” but send for multiple facilities.

Nebraska State HIE Tracking Program Progress

Program Priority	May 2012		March 2013	
	Status as of December 2011	Target for December 2012	Status as of December 2012	Target for December 2013
% of pharmacies participating in e-prescribing	90% on network 88% active Source: Surescripts Data Dec. 2011	95% on network 93% active	95% on network 93% active Source: Surescripts Data Dec. 2012	96% on network 94% active
	National Actual: 92%	National Goal: 94%	National Actual: 94%	National Goal: 95%
% of labs sending electronic lab results to providers in a structured format	20% Source: UNMC lab census conducted in March 2012	25%	47% Source: UNMC lab census conducted in January 2013	50%
% of labs sending electronic lab results to providers using LOINC	15% Source: UNMC lab census conducted in March 2012	20%	22% Source: UNMC lab census conducted in January 2013	30%
% of hospitals sharing electronic care summaries with unaffiliated hospitals and providers	34% Source: AHA Survey, 2010	35%	37% Source: 2012 AHA survey	43%
	National Actual: 27%	National Goal: 45%	National Actual: 35%	National Goal: 50%

	May 2012		March 2013	
Program Priority	Status as of December 2011	Target for December 2012	Status as of December 2012	Target for December 2013
% of ambulatory providers electronically sharing care summaries with other providers	27%	31%		
	Source: NAMCS survey, 2010			
	National Actual: 31%	National Goal: 40%		National Goal: 50%
Public Health agencies receiving ELR data produced by EHRs or other electronic sources using HL7 2.5.1 LOINC and SNOMED.	100%	100%	100%	100%
	Source: NDHHS Division of Public Health			
Immunization registries receiving electronic immunization data produced by EHRs in HL7 2.3.1 or 2.5.1 formats using CVX code.	100%	100%	100%	100%
	Source: NDHHS Division of Public Health			
Public Health agencies receiving electronic syndromic surveillance hospital data produced by EHRs in HL7 2.3.1 or 2.5.1 formats (using CDC reference guide).	100%	100%	100%	100%
	Source: NDHHS Division of Public Health			
Public Health agencies receiving electronic syndromic surveillance ambulatory data produced by EHRs in HL7 2.3.1 or 2.5.1.	100%	100%	100%	100%
	Source: NDHHS Division of Public Health			

Structured format: Documentation of discrete data using controlled vocabulary, creating fixed fields within a record or file, or another method that provides clear structure to information (is not completely free text)

April 15, 2013

To: NITC Commissioners

From: Nathan Watermeier, State GIS Coordinator
Mike Preston, Chair, GIS Council
Josh Lear, Vice-Chair, GIS Council

Subject: GIS Council Report

Membership

This topic was tabled from the last NITC meeting (October 29, 2012). Additional information was requested from the GIS Council on the nomination for the member at large seat. The GIS Council nomination committee responded to former Lt. Governor, Rick Sheehy and Ms. Brenda Decker, OCIO for this information.

Business Planning

Activities

Several priority working groups are preparing business plans as a result of findings from the 2012 Strategic Plan. These efforts are led by NITC GIS Council members who are working with various stakeholders and partners including industry in the information gathering stages. Solutions are sought to find statewide data and services that meet our goals while providing quality and accurate data that meets state and federal standards. The following is a list of priority projects with business plan updates that were provided the past several months at GIS Council meetings.

1. Facilitate the creation, maintenance, analysis and publishing of quality Nebraska Spatial Data Infrastructure (NESDI) data.

Street Centerline Address Database - Spokesperson - Rose Braun, Nebraska Department of Roads
Presentation Update: <http://nitc.ne.gov/gisc/mtgs/docs/3-6-13/StreetCenterlineBusinessPlanUpdate03062013.pdf>

Developing and maintaining a statewide seamless street centerline and address referencing system used for various transportation, public safety (ie, NexGEN 911), economic development and other related applications. A data model and workflow has been drafted. Initial work on QA/QC of existing street centerline data has started using PSC E-911 data. A statewide master addressing license is currently being sought with a vendor to fulfill current state government business needs. This will also assist the development of addressing points to be used in combination with street centerline data. Other partnership efforts like NexGEN 911 or combinations thereof will be involved in the process.

Imagery - Spokesperson – Michael Schonlau, Omaha/Douglas County
Presentation Update: <http://nitc.ne.gov/gisc/mtgs/docs/3-6-13/ImageryBusinessPlanUpdate03062013.pdf>

Establishing the Nebraska Statewide Imagery Program and providing plans for digitizing and acquisition standards and guidelines, data sharing, and statewide coverage for various levels of imagery products and services. A survey is planned to go out for additional input from stakeholders on needs of imagery and applications. The latest 2012 USDA-NAIP imagery is being made available to the public through

NebraskaMAP. High resolution imagery was recently captured as a result of partnerships among the NIROC project for several eastern counties in Nebraska.

Elevation (LiDAR) - Spokesperson – Josh Lear, Nebraska Department of Natural Resources

Presentation Update: <http://nitc.ne.gov/gisc/mtgs/docs/2-6-13/ElevationBusinessPlanUpdate02062013.pdf>

Facilitating the acquisition, maintenance, and sharing of a statewide elevation dataset by developing standards and specifications for LiDAR point clouds and derivative products. Developing alternatives for systematic and cost-effective acquisition of these products, and defining a program of stewardship for managing and publishing the data. A Request for Information (RFI) went out April 10 for additional industry feedback to the planning purpose.

Land Records - Spokesperson – Eric Herbert, GIS Council NACO representative and Sarpy County

Presentation Update: <http://nitc.ne.gov/gisc/mtgs/docs/3-6-13/LandRecordsBusinessPlanUpdate03062013.pdf>

Enabling the integration of different local government land records information into a statewide dataset. Developing guidelines for a common geodatabase model that can provide public data for use in a multitude of state government applications. A working geodatabase model has been developed and piloted among several eastern Nebraska counties. Working on partnerships with local county assessors to obtain parcel (spatial and attribute) data for use in various state government applications. New requirements have been added to the State Records Board grants for communicating and accessing this appropriate data following the projects.

Survey Control

Considerations for survey control needs to be taken into consideration for good quality data to exist in the future for several of the NESDI framework layers. Particularly, if multiple data sets are used in combinations for analysis and decision making. Some of our current data sets were created for a specific purpose with given budgets. As the adoption and use of the data has grown there are other needs for the data. This also has an implication on the level of spatial accuracy needed for the data to be useful. The Council is working with several from the surveying community to begin addressing these issues.

2. Provide widespread access to data and service and encourage data sharing.

NebraskaMAP.gov - Spokesperson – Jeff McReynolds, Lincoln/Lancaster County

Presentation Update: <http://nitc.ne.gov/gisc/mtgs/docs/3-6-13/NEMAPBusinessPlanUpdate03062013.pdf>

Enterprise geospatial platform to provide public and private access to peer-reviewed Nebraska SDI data, maps, and GIS web services. NebraskaMAP started as a metadata portal to inventory and provide linkages to several data sets. Based on needs of the 2012 Strategic Plan, efforts are underway to enhance NebraskaMAP into a multi-use enterprise platform. Several pilot projects are underway in using and sharing NESDI data either through direct download, REST services, or accessing through web services.

3. Facilitate technical assistance and education outreach opportunities for furthering the adoption of the NESDI and geospatial applications.

Spokesperson – Nathan Watermeier, State GIS Coordinator

Presentation Update: <http://nitc.ne.gov/gisc/mtgs/docs/4-3-13/TechAssistEdOutreachBusinessPlanUpdate04032013.pdf>

The GIS Council is working on an overall communication plan to publicize it's efforts. It is also working towards technical assistance and education outreach efforts in partnership with other stakeholders. New branding and marketing methods have been established to help in the identification and efforts of the GIS Council. Many of these efforts will be rolled out at the 2013 Nebraska GIS Symposium in Kearney.

NITC 5-202

State of Nebraska Nebraska Information Technology Commission Standards and Guidelines

NITC 5-202

Title	Blocking Email Attachments
Category	Groupware Architecture
Applicability	Applies to all state government agencies, excluding higher education

1. Purpose

It is important to take steps to protect the state's computing environment against the threat of viruses. Email attachments with certain extensions are often used in virus attacks because of their execution access and the amount of damage they can cause. Therefore, the State of Nebraska prohibits certain attachments from being transmitted through email.

2. Standard

2.1 Removing Prohibited Attachments Before Delivery

The SMTP gateway will remove any prohibited attachments before allowing the email to be delivered. If any of the blocked extensions are detected, the attachment will be deleted and a message stating that the attachment was blocked will be included in the email message.

2.2 List of Extensions - Attachments which will be blocked

Attachment A, entitled "List of Extensions - Attachments which will be blocked," contains the current listing of attachments which will be blocked by the State of Nebraska.

2.3 Alternative Methods for Sending or Receiving Files

If an individual needs to send or receive a file with one of the blocked extensions, other alternatives for transmitting files should be considered, such as: Secure file transfers (sFTP / FTPS) or Web-based document retrieval.

[Attachment A](#): List of Extensions - Attachments which will be blocked

HISTORY: Adopted on November 13, 2003. Amended on November 12, 2008.

PDF FORMAT: <http://nitc.ne.gov/standards/5-202.pdf>

List of Extensions - Attachments which will be blocked

Extension - Description	Internal ¹	Inbound
ade – Access Project extension (Microsoft)	X	
adp – Access Project (Microsoft)	X	
app – Executable Application	X	
asp – Active Server Page	X	
bas – Basic	X	X
bat – Batch	X	X
cer – Internet Security Certificate File	X	
chm – Compiled HTML Help	X	
cmd – Command	X	X
com – Command, executable	X	X
cpl – Control panel applet	X	X
crt – Certificate File	X	
csh – C Shell Script	X	
exe – Executable program	X	X
fxp – FoxPro Compiled Source (Microsoft)	X	
gadget – Windows Vista gadget	X	
hlp – Windows Help File	X	
hta – HTML application	X	X
inf – set up	X	X
ins – Internet communications settings	X	X
isp – Internet communications settings	X	X
its – Internet Document Set, Internet Translation	X	
js – JScript	X	X
jse – JScript encoded file	X	X
ksh – UNIX Korn Shell Script	X	
Ink – Shortcut	X	X
mad – Access Module Shortcut (Microsoft)	X	
maf – Access (Microsoft)	X	
mag – Access Diagram Shortcut (Microsoft)	X	
mam – Access Macro Shortcut (Microsoft)	X	
maq – Access Query Shortcut (Microsoft)	X	
mar – Access Report Shortcut (Microsoft)	X	
mas – Access Stored Procedure (Microsoft)	X	
mat – Access Table Shortcut (Microsoft)	X	
mau – Executable Media file	X	
mav – Access View Shortcut (Microsoft)	X	
maw – Access Data Access Page (Microsoft)	X	
mda – Access Add-in, MDA Access 2 Workgroup (Microsoft)	X	
mdb – Access Application, MBD Access Database (Microsoft)	X	
mde – Access MDE Database File (Microsoft)	X	
mdt – Access Add-in Data (Microsoft)	X	
mdw – Access Workgroup Information (Microsoft)	X	
mdz – Access Wizard Template (Microsoft)	X	
msc – Microsoft common console document	X	X
msi – Install Control file	X	X
msp – Windows installer patch	X	X

mst – Windows installer transform	X	X
ops – Office Profile Settings File	X	
pcd – Visual test (Microsoft)	X	
pif – Windows program information file	X	X
prf – Windows System File	X	
prg – Program file	X	
pst – MS Exchange Access Book File (Microsoft)	X	
reg – Microsoft registry	X	X
scf – Windows Explorer Command	X	
scr – Screensaver	X	X
sct – Windows script component	X	X
sh – Bash Shell Script	X	
shb – Document short cut	X	X
shs – Shell Script object	X	X
test – Test files		X
tmp – Temporary File / Folder	X	
url – Internet shortcut	X	X
vb – VBScript	X	X
vbe – VBScript encoded file	X	X
vbs – Visual Basic	X	X
vsmacros – Visual Studio .NET Binary-based Macro Project	X	
vss – Visio Stencil (Microsoft)	X	
vst – Visio Template (Microsoft)	X	
vsw – Visio Workspace File (Microsoft)	X	
ws – Windows Script File (Microsoft)	X	
wsc – Windows Script component	X	X
Wsf – Windows Script File	X	
wsh – Windows Scripting host settings	X	X
wma – Windows Media Audio		X
wmf – Windows Media File		X

Note:

1 – Microsoft Outlook strips these attachments when sending to another Exchange user within the State of Nebraska.



NEBRASKA INFORMATION
TECHNOLOGY COMMISSION

STANDARDS AND GUIDELINES

Blocking Unsolicited Bulk E-Mail / "Spam"

Category	Groupware
Title	Blocking Unsolicited Bulk E-Mail / "Spam"
Number	

Applicability	<input checked="" type="checkbox"/> State Government Agencies <input type="checkbox"/> All Not Applicable <input checked="" type="checkbox"/> Excluding Higher Education Guideline
	<input type="checkbox"/> State Funded Entities - All entities receiving state funding for matters covered by this document..... Not Applicable <input type="checkbox"/> Other: _____ Not Applicable
Definitions: Standard - Adherence is required. Certain exceptions and conditions may appear in this document, all other deviations from the standard require prior approval of _____. Guideline - Adherence is voluntary.	

Status	<input checked="" type="checkbox"/> Adopted <input type="checkbox"/> Draft <input type="checkbox"/> Other: _____
Dates	Date: November 13, 2003 Date Adopted by NITC: November 13, 2003 Other:

1.0 Guideline

Agencies shall be allowed to evaluate and implement methods for blocking Unsolicited Bulk Email (UBE) or spam in relation to their changing e-mail needs, even if some legitimate e-mail is blocked. State Agencies that choose to adopt UBE blocking methods should meet these minimum standards.

1. Agencies should periodically review blocked e-mail statistics to determine its effectiveness and to help reduce the non-delivery of legitimate e-mail.
2. UBE blocking methods should attempt to send notification to legitimate originators of blocked e-mail with the following information:
 - a. The e-mail was blocked.
 - b. Possible reasons for non-delivery and information on how to restore legitimate communications.
 - c. List of alternate methods of communication that maintains reasonable levels of convenience and places no undue hardship on the sending or receiving party.
 - d. Links to related state statutes, standards, or guidelines used.

Cost sharing - Where feasible, agencies should work to pool resources to reduce costs to Nebraska. Agencies seeking to purchase UBE-blocking tools should consult with IMServices.

2.0 Purpose and Objectives

This standard addresses the burden on state resources due to UBE and how state agencies may address the issue. Agencies cannot expect to "solve" all problems that arise from UBE, only mitigate them.

UBE creates a significant drain of technical and operational resources. In 2003, the state will receive an estimated 2 million UBE messages for approximately 12,000 employees using e-mail. These numbers will likely continue to rise. UBE needs to be reduced to the extent possible without adding excessive costs or exceptional risks to normal flow of legitimate e-mail.

2.1 Overview

The terms spam and Unsolicited Bulk E-mail (UBE) both refer to the mass receipt of e-mail messages that are usually inappropriate for state operations.

Any automated means of sorting out UBE from e-mail messages sent by the public, vendors, or other state agencies will typically result in the rejection of some valid e-mail. Agencies should take special effort to ensure that the public can conveniently contact state agencies for official business. Blocking legitimate e-mail communication with the state should be minimized.

2.2 Other Resources

The Internet Mail Consortium (IMC) has published several reports on the problem. "Unsolicited Bulk Email: Mechanisms for Control" (<http://www.imc.org/ube-sol.html>) lists the technical and legal solutions being discussed and how they affect Internet mail users. "Unsolicited Bulk Email: Definitions and Problems"

(<http://www.imc.org/ube-def.html>) provides precise definitions of UBE and spam issues.

The Coalition Against Unsolicited Commercial Email (<http://www.cauce.org/>).

The State of Nebraska UBE resource web site (<http://www.ims.state.ne.us/ube/>).

3.0 Definitions

3.1 Spam

A common term for UBE is "spam", although that term encompasses a wider range of intrusive transmissions. For instance, the term "spam" originated in the realm of Usenet news, not email. There, individuals cannot request or refuse bulk email, although some newsgroups explicitly permit or encourage its inclusion as a part of the group charter. For further information, see [RFC2635](#) at the Internet Engineering Task Force, <http://www.ietf.org>.

3.2 UBE

Unsolicited Bulk Email, or UBE, is Internet mail ("email") that is sent to a group of recipients who have not requested it. A mail recipient may have at one time asked a sender for bulk email, but then later asked that sender not to send any more email or otherwise not have indicated a desire for such additional mail; hence any bulk email sent after that request was received is also UBE.

4.0 Applicability

Agencies with their own mail servers can utilize the standard UBE filtering methods provided by the State Internet email gateway. To reduce duplication costs, agencies should consider utilizing the State Internet email gateway before implementing their own.

5.0 Responsibility

Information Management Services Division may investigate and implement UBE filtering methods on the State Internet e-mail gateway, which IMServices supports. Other agencies may elect to share this service.

6.0 Related Documents

Nebraska Information Technology Commission, Individual Use Policy:
http://www.nitc.state.ne.us/tp/workgroups/security/policies/individual_use_policy.pdf

State of Nebraska Acceptable Use Policy of State Data Communications Network,
<http://www.doc.state.ne.us/policies/datausage.html>

NITC 7-104

State of Nebraska Nebraska Information Technology Commission Standards and Guidelines

NITC 7-104 (Draft)

Title	Web Domain Name Standard
Category	Network Architecture
Applicability	Applies to all state agencies, boards, and commissions, excluding higher education

1. Standard

1.1. The official Nebraska government domain is *nebraska.gov*.

1.2. All public facing domains shall be registered as at least a third-level domain within the *nebraska.gov* domain. The third level domain name shall uniquely identify the state agency or service. In addition to *nebraska.gov*, the domain *ne.gov* may be registered as an alternate domain to the corresponding *nebraska.gov* domain name.

1.3. All registered *nebraska.gov* and *ne.gov* domains shall adhere to all federal .gov domain registration requirements and guidelines.

1.4. Domains other than *nebraska.gov* and *ne.gov* may be purchased but cannot serve content or be publicly promoted. The domain *state.ne.us* is a supported legacy domain which can serve content but which should not be publicly promoted.

1.5. Nonconforming domains in existence when this standard is adopted will be exempt from the requirements in Section 1.4 until December 31, 2014.

2. Purpose

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

3. References

3.1. Federal .GOV Domain Name Requirements and Guidelines: <https://www.dotgov.gov/>

VERSION DATE: DRAFT - February 12, 2013

HISTORY:

PDF FORMAT: (to be added)

AMENDMENT TO NITC 8-101 (Information Security Policy)

<http://nitc.nebraska.gov/standards/security/8-101.pdf>

1. Section 8, Portable Devices, is amended to read:

Portable Devices

All portable computing devices (e.g. notebooks, USB flash drives, PDA's, laptops and mobile phones) and information must be secured to prevent compromise of confidentiality or integrity. No device may store or transmit sensitive information without suitable protective measures that are approved by the agency data owner(s).

Special care must be taken to ensure that information stored on the device is not compromised. Appropriate safeguards must be in place for the physical protection, access control, cryptographic technique, back up, virus protection, and properly connected to the State network. All mobile devices must utilize the screen locking feature on their device when not in use and after a period of inactivity.

Devices storing sensitive and/or critical information must not be left unattended and, where possible, must be physically locked away, or utilize special locks to secure the equipment.

Employees in the possession of portable devices must not check these devices in airline luggage systems. These devices must remain in the possession of the traveler as hand luggage unless restricted by Federal or State authorities.

Nebraska Information Technology Commission

Project Proposal Form

Project Title	District Dashboards
Agency/Entity	Nebraska Department of Education

Project Proposal Form

Section 1: General Information

Project Title	District Dashboard
Agency (or entity)	Department of Education

Contact Information for this Project:

Name	Marilyn Peterson
Address	301 Centennial Mall South
City, State, Zip	Lincoln, NE 68509
Telephone	402.471.4483
E-mail Address	Marilyn.peterson@nebraska.gov

Section 2: Executive Summary

The Nebraska Department of Education received a 2012 Statewide Longitudinal Data System (SLDS) grant for Data Analysis and Research that includes a goal to provide a dashboard for districts called the Data Analysis and Reporting Tool (DART). The DART is a data analysis tool that uses multiple local and state data sources to produce reports for local decision makers. This tool would be available to any district in Nebraska that elects to use it.

Nebraska is in the process of adopting the Ed-Fi Alliance’s materials and dashboard. Funded by the Michael and Susan Dell Foundation, the Ed-Fi Alliance has developed, and provides at no cost to districts or states, a suite of tools and sample dashboards. A Design Team of volunteer districts and ESUs will provide input into determining the priorities for designing Nebraska’s dashboard by identifying the most critical questions it should answer and the most desired data elements. NDE will be seeking districts that will serve as the Assembly Team and develop the prototype and pilot the dashboard. Pilot districts must contribute staff time with expertise to adapt the Ed-Fi dashboard, establish the data elements and all technical aspects needed for Nebraska.

Section 3: Goals, Objectives, and Projected Outcomes (15 Points)

The goal is to better equip educators to serve the unique needs of each student by providing a tool for teachers and administrators that uses real-time student performance data from multiple sources to support local decisions at the classroom, building and district levels. The ultimate beneficiaries of the project are the students who would benefit from the improved use of real-time data for instructional and planning decisions at the local level. An expected outcome is better decisions based on increased access to data and thus, improved student learning.

2. Describe the measurement and assessment methods that will verify that the project outcomes have been achieved.

The project outcomes will have been achieved when a dashboard is available for districts.

Project Proposal Form

3. Describe the project's relationship to your agency comprehensive information technology plan.

The dashboard creates a storehouse or holding box for local and state data. The grant provides for hardware and software for the dashboard's holding box. Secure access to the dashboard at the district level would be through the current NDE Portal.

Section 4: Project Justification / Business Case (25 Points)

4. Provide the project justification in terms of tangible benefits (i.e. economic return on investment) and/or intangible benefits (e.g. additional services for customers).

DART will provide districts the option to upload their data from different sources that will be combined with State data, such as NeSA assessment results, to produce dashboards at the teacher (classroom), building and district levels for analysis and research.

5. Describe other solutions that were evaluated, including their strengths and weaknesses, and why they were rejected. Explain the implications of doing nothing and why this option is not acceptable.

Providing a dashboard to districts is an optional service.

6. If the project is the result of a state or federal mandate, please specify the mandate being addressed.

Providing a dashboard for districts is not mandated and participating in the project is optional for districts.

Section 5: Technical Impact (20 Points)

7. Describe how the project enhances, changes or replaces present technology systems, or implements a new technology system. Describe the technical elements of the project, including hardware, software, and communications requirements. Describe the strengths and weaknesses of the proposed solution.

The project does not change or replace any present technology systems. It does create a new technology system which interfaces with school district, school district vendor and NDE databases to access multiple date points and display them in a single view. The dash board system will require the purchase and deployment of 2 servers for the EDFI software to reside on. The specifics of these servers are still being researched. In addition there will be need to utilize a current web server for external stakeholders to access the EDFI system. This will be done using current hardware. Bandwidth or network requirements of the system are currently unknown, we plan to work with Network Nebraska to have these servers placed directly on Network Nebraska so that the network issues can be monitored and addressed as necessary.

8. Address the following issues with respect to the proposed technology:
 - Describe the reliability, security and scalability (future needs for growth or adaptation) of the technology.

Project Proposal Form

- Address conformity with applicable NITC technical standards and guidelines (available at <http://nitc.ne.gov/standards/>) and generally accepted industry standards.
- Address the compatibility with existing institutional and/or statewide infrastructure.

The Nebraska Student and Staff Record System (NSSRS) is a data warehouse that stores data collected annually. Some data from NSSRS will be used but the primary source of data for the dashboard is local real-time data supplied by the districts. The dashboard will have a dedicated SQL server and will use .NET software. The goal of this project is to develop a dash board that is able to interact with multiple systems seamlessly. Schools will not be required to purchase additional software or hardware to utilize this optional system.

Scalability will be addressed as need warrants. The current plan is to work in conjunction with OCIO, Network Nebraska and ESUCC to meet the technical demands of the system. Currently we are looking at using a Server/redundant server set up to develop the system on and conduct the pilot. The goal would be to have these servers reside on Network Nebraska and access the Departments SQL servers and possibly utilize the OCIO SANs system.

Section 6: Preliminary Plan for Implementation (10 Points)

9. Describe the preliminary plans for implementing the project. Identify project sponsor(s) and examine stakeholder acceptance. Describe the project team, including their roles, responsibilities, and experience.

As part of the Dashboard development process an advisory committee has been established. This committee which has representation from NDE, ESU, k-12 school districts, and education support organizations has been meeting to formalize numerous questions on the dashboard. The committee has helped identify the initial phase of the project as a pilot with limited school districts, to allow for proper development of the dashboard.

The lead members of the project at NDE are:

Dean Folkers, Director of the Data Research and Evaluation team

- Assure compliance with Grant requirements from feds, evaluate staff responsible for grant related activities, and coordinate the project with external stakeholders.

Marilyn Peterson, Project Director for the SLDS Grant

- Oversee the SLDS grant and is responsible for making sure key indicators are achieved.

Secondary support members at NDE are:

Brent Gaswick, Director Network, Education and Technology services

- Advise and support technical components of the grant, ie. Servers, network, compliance issues

Russ Masco – Director of Research team

- Assist with dashboard software development, professional development related to Dashboard, and coordination with ESU staff developers.

Project Proposal Form

Additional support comes from NDE staff, ESU staff and Pilot School district staff – to be identified later

10. List the major milestones and/or deliverables and provide a timeline for completing each.

This project is still in the development stage, a formal timeline has yet to be established, and once one is finalized it will be shared with the committee.

11. Describe the training and staff development requirements.

The larger SLDS grant, which the dash board is a sub component of, has a specific staff development goal. This is taking place in cooperation with the Dashboard development and is including staff from NDE, ESU, and k-12 districts. Again, this is component that is not finalized and is still being developed.

12. Describe the ongoing support requirements.

The ongoing support, as currently envisioned, will be on going staff development for school districts who choose to utilize the dashboard and staff who will be developing dashboards as part of the EDFI platform. In addition there will be need for technical support of the servers and databases the system will reside on and interconnect with.

Section 7: Risk Assessment (10 Points)

13. Describe possible barriers and risks related to the project and the relative importance of each.

Currently unknown – will address in coming months as planning and deployment begins to move forward.

14. Identify strategies which have been developed to minimize risks.

Currently unknown – hopefully the inclusion of multiple stakeholders will help us to minimize risks.

Section 8: Financial Analysis and Budget (20 Points)

15. Financial Information

This project is being financed using a Federal Grant and will not currently be utilizing State Funding sources.

Nebraska Data Analysis and Research Proposal
Statewide Longitudinal Data Systems Grant - CFDA Number 84.372
Priority: K-12 Data System
Nebraska Department of Education

Budget Narrative

Goal 1. Provide a data analysis tool for districts that uses multiple local and state data source to produce reports for local decision makers.

Categories	Year 1	Year 2	Year 3	Total
Personnel	306,838	312,972	319,234	939,044
Fringe Benefits	150,689	161,763	173,862	486,314
Travel	30,503	31,418	32,361	94,282
Equipment	43,350	1,200	1,200	45,750
Supplies	15,720	16,192	16,678	48,590
Contractual	0	300,000	300,000	600,000
Construction	0	0	0	0
Other	29,418	18,593	19,110	67,121
Training Stipends	0	0	0	0
Indirect Costs	29,261	33,391	34,447	97,099
Total	605,779	875,529	896,892	2,378,200

Deliverable 1.1 Data-Use Tool: Data Analysis and Reporting Tool (DART)

The integrated student information system will create an Education Data Warehouse with data from many multiple sources and levels and produce dashboards for analysis down to the classroom and student level. As noted in the narrative and timeline, the decision to build or to adopt an existing version for this major project of the Data-Use Tools will not be made without stakeholder involvement. The timelines call for a six month period (July to December) to reach the decision. This budget includes costs for 2.0 FTE to build the system if that is the decision. If the decision is to adopt an existing model, these two positions will not be filled and the dollars budgeted for them will be used to expand the number of pilot districts from four to six.

Personnel

Project Coordinator (Program Specialist III, Pay grade 47: \$57,044) - 1.0 FTE
 Web Application Developer (IT Application Developer Senior, Pay grade 47: \$57,044) – 2.0 FTE
 Data Base Specialist (IT Data/Database Analyst, Pay grade 46: \$51,348) – 2.0 FTE
 Support Staff (Office Associate III, Pay grade 40: \$33,007) – 1.0 FTE

This budget contains the personnel (salary) and fringe benefits for two positions that will be responsible for Deliverable 1 – Data-Use Tools as well as the three other components. This is the 1.0 FTE for Project Coordinator and the 1.0 FTE support staff. Anticipated time assigned to each of the four categories is:

	Deliverable 1	Deliverable 2	Deliverable 3	Deliverable 4
Project Coordinator	.40 FTE	.40 FTE	.10 FTE	.10 FTE
Support Staff	.35 FTE	.35 FTE	.15 FTE	.15 FTE

The budget includes 2.0 FTE for web developers (IT Application Developer Senior, pay grade 47) and 2.0 FTE for Data Base specialists (IT Data/Database Analyst, pay grade 46). One FTE web developer and one FTE data base specialist will be needed whatever the decision. The web developer, data base specialist, the NDE Lead and at least one staff person from each of the pilot schools will form a working group to develop the program and data standards needed for submitting data from multiple sources to the Education Data Warehouse (See Appendix A.6).

Fringe Benefits

Fringe benefits are calculated based on the FTE and the standard rates as detailed on the last pages of this narrative.

Travel

Travel costs for NDE staff are included in the budget as medium travel (detailed on last page of this budget narrative). This budget also contains the costs of two NDE staff to travel to the SLDS annual meetings (2) in Washington, DC. (Detailed on the last pages of this narrative).

Equipment

Equipment costs include office furniture and computer equipment for staff included in the budget (Detailed on the last pages of this narrative). Hardware and software costs are:

DART Hardware and Software

	Quantity	Unit Cost	Project Total	Year 1	Year 2	Year 3
HARDWARE						
Web Server	1		\$ 4,800	\$ 4,800		
SQL Server	1		\$ 9,000	\$ 9,000		
Dongles	2	\$ 150	\$ 300	\$ 300		
OCIO Data Center Hosting 2U @ \$50 per month for 36 months	36	\$ 100	\$ 3,600	\$ 1,200	\$ 1,200	\$ 1,200
Total Hardware			\$17,700	\$ 15,300	\$ 1,200	\$ 1,200
SOFTWARE						
Microsoft Windows Server STD 2008 R2	1	\$ 85	\$ 85	\$ 85		
Microsoft Windows Server ENT 2008 R2	1	\$ 262	\$ 262	\$ 262		
Microsoft SQL Server ENT 2008 R2 per processor license	2	\$ 4,500	\$ 9,000	\$ 9,000		
Backup Exec Remote Agent - New License + 2 yrs renewals	2	\$ 510	\$ 1,020	\$ 700	\$ 160	\$ 160
ELM - Server Management Tool - New License + 2 yrs renewals	2	\$ 585	\$ 1,170	\$ 850	\$ 160	\$ 160
IDERA - SQL Server Management Tool - New License + 2 yrs renewals	1	\$ 2,100	\$ 2,100	\$ 1,200	\$ 450	\$ 450
Total Software			\$13,637	\$ 12,097	\$ 770	\$ 770

Supplies

Costs for supplies are \$2,260 per 1.0 FTE as detailed on the last pages of this narrative.

Contractual

The timelines call for NDE to secure a commitment from four (or six depending on the decision) to pilot the DART. The budget includes a contract for each pilot district for \$75,000 a year beginning in year 2. This contract would cover time certified to the project by the pilot district staff, substitute pay (if applicable), and all their travel expenses plus funding for internal (time certified) or external (contracted) development to produce data extracts to match the expected standards. Reimbursement to districts would be dependent upon submission of appropriate documentation of the allowable costs included in the contract.

Other

Costs budgeted under Other include rent and IT costs as detailed on last pages of this narrative.

Goal 2. Provide a statewide system of professional development training for data analysis that reaches every district.

Categories	Year 1	Year 2	Year 3	Total
Personnel	28,523	29,093	29,675	87,291
Fringe Benefits	13,035	13,967	14,986	41,988
Travel	34,833	35,877	36,954	107,664
Equipment	2,338	0	0	2,338
Supplies	1,310	1,349	1,390	4,049
Contractual	0	250,000	250,000	500,000
Construction	0	0	0	0
Other	1,397	1,437	1,479	4,312
Training Stipends	0	0	0	0
Indirect Costs	4,235	17,250	17,393	38,878
Total	85,671	348,973	351,877	786,521

Professional Development Training is a statewide system of support to schools in data analysis provided by a Data Analysis Cadre of professional developers from the ESUs, NDE Data Trainers and the Research and Evaluation Specialist. As detailed Section (b), there are four Tiers to the development and implementation of this project. Tier1 is the development of training materials; Tier 2 is two days of training for the ESU professional development consultants and at least one staff member from every district.

Personnel

Research and Evaluation Specialist (Program Specialist III, Pay grade 47: \$57,044) - .50 FTE
 Program Coordinator (.40 FTE) and Support Staff (.35 FTE) are included in the budget for Deliverable 1.0 above

Fringe Benefits

Fringe benefits are calculated based on the FTE and the standard rates as detailed on the last pages of this narrative.

Travel

Travel for the Research and Evaluation Specialist is budgeted at ½ of high travel as detailed on the last pages of the budget narrative.

Equipment

Equipment costs include office furniture and computer equipment for the .50 staff included in the budget (Detailed on the last pages of this narrative).

Supplies

Costs for supplies are \$2,260 per 1.0 FTE as detailed on the last pages of this narrative.

Other

Costs budgeted under Other include rent and IT costs as detailed on last pages of this narrative.

Deliverable 2.1 Training Materials – Tier I**Travel**

Travel costs include six meetings in Year 1 of the Data Analysis Cadre that includes eight non-NDE members budgeted with four members as high travel (\$990 per person per meeting) and four members budgeted at lower travel (\$225 per person per meeting). NDE staff travel costs are budgeted as detailed in the last pages of the budget narrative.

Deliverable 2.1 Training Materials – Tier II Training Staff from every district**Contractual**

In year 2 of the project, two days of training would be provided to at least one staff member of every district in the state. To support district involvement, service fee contracts would provide \$2,000 per district. Service fee contracts provide a set amount in return for district staff participation and must be used by the district to cover all costs including travel, stipends, substitute pay (if applicable) of the staff member or members attending the training.

Goal 3. Build a research and evaluation operation in NDE collaboratively with the research community.

Categories	Year 1	Year 2	Year 3	Total
Personnel	58,523	59,693	60,887	179,103
Fringe Benefits	15,655	16,639	17,712	50,006
Travel	3,873	3,989	4,108	11,970
Equipment	7,188	0	0	7,188
Supplies	3,930	4,048	4,169	12,147
Contractual	30,000	30,900	31,827	92,727
Construction	0	0	0	0
Other	6,983	7,184	7,393	21,559
Training Stipends	0	0	0	0
Indirect Costs	6,560	6,368	6,557	19,485
Total	132,712	128,821	132,653	394,186

Research and Evaluation support includes a research and evaluation specialist and funds to contract with students pursuing advanced degrees in assessment and evaluation as interns. The research and evaluation specialist would coordinate the research community’s involvement in the Data Analysis Cadre in the ESUs and the statewide system of professional development training; coordinate the Research Review Board in NDE’s Data Access and Use Policies and Procedures, review research proposals, and provide support to the new administrator of the Data, Research and Evaluation team in NDE. The person in this position would be responsible for developing and providing training to NDE program directors and staff on the elements necessary for the evaluation of state and federal program grants with a requirement to evaluate effectiveness.

Deliverable 3. Research and Evaluation Support

Personnel

Research and Evaluation Specialist (Program Specialist III, Pay grade 47: \$57,044) - .50 FTE Program Coordinator (.10 FTE) and Support Staff (.15 FTE) are included in the budget for Deliverable 1.0 above.

Interns employed under contract but serving on an hourly basis are included. Maximum allowed for up to two interns is \$30,000 for Year 1 with a 2% increase for Year 2 and also for Year 3.

Fringe Benefits

Fringe benefits are calculated based on the FTE and the standard rates as detailed on the last pages of this narrative.

Travel

Travel for the Research and Evaluation Specialist is budgeted at ½ of high travel as detailed on the last pages of the budget narrative. No travel costs are included for the interns.

Equipment

Equipment costs include office furniture and computer equipment for the .50 staff included in the budget (Detailed on the last pages of this narrative). Office furniture and computer equipment are included for the two hourly-employee interns.

Supplies

Costs for supplies are \$2,260 per 1.0 FTE as detailed on the last pages of this narrative. Supplies are included for the two hourly-employee interns.

Contractual

In addition to the two hourly-employee interns, the budget includes \$30,000 a year for contracted work with other interns. The contracted work for interns might include defined tasks (deliverables) such as preparing a survey, specific data analysis and research, preparing management reports and providing support to the administrator in establishing the new Research and Evaluation component of NDE.

Other

Costs budgeted under Other include rent and IT costs as detailed on last pages of this narrative. Other costs are included for the two hourly-employee interns.

Goal 4. Expand and enhance the SLDS for sustainability.

Categories	Year 1	Year 2	Year 3	Total
Personnel	87,912	89,670	91,464	269,046
Fringe Benefits	47,905	51,550	55,535	154,990
Travel	77,326	29,588	30,475	137,389
Equipment	11,740	2,390	2,390	16,520
Supplies	16,040	8,997	9,159	34,196
Contractual	121,035	6,075	6,075	133,185
Construction	0	0	0	0
Other	9,461	5,908	6,074	21,443
Training Stipends	0	0	0	0
Indirect Costs	15,514	9,991	10,355	35,860
Total	386,933	204,169	211,527	802,629

Program Coordinator (.10 FTE) and Support Staff (.15 FTE) are included in the budget for Deliverable 1.0 above.

Deliverable 4.1 Customer Relationship Management

Personnel

Helpdesk support (Program Associate IV, Pay grade 42: \$36,564) – 1.0 FTE

Fringe Benefits

Fringe benefits are calculated based on the FTE and the standard rates as detailed on the last pages of this narrative.

Travel

No travel is budgeted for the Helpdesk support.

Equipment

Equipment costs include office furniture and computer equipment for the 1.0 staff included in the budget (Detailed on the last pages of this narrative).

CRM Hardware and Software

OCIO Hosted Virtual Server				
	Project Total	Year 1	Year 2	Year 3
Hardware				
Server	\$ 6,120	\$ 2,040	\$ 2,040	\$ 2,040
Dongles	included	included	included	included
Storage (146 GB)	\$ 1,050	\$ 350	\$ 350	\$ 350
OCIO Data Center Hosting - 1U @\$50 per month for 36 months	included	included	included	included
Total Hardware	\$ 7,170	\$ 2,390	\$ 2,390	\$ 2,390
Software				
Microsoft Windows Server 2008 R2	included	included	included	included
Backup Exec Remote Agent	\$ 510	\$ 350	\$ 80	\$ 80
SSL	\$ 100	\$ 100	\$ -	\$ -
Microsoft SQL STD 2008 R2 per processor license	\$ 3,000	\$ 3,000	\$ -	\$ -
ELM	\$ 585	\$ 425	\$ 80	\$ 80
Total Software	\$ 4,195	\$ 3,875	\$ 160	\$ 160

Supplies

Costs for supplies are \$2,260 per 1.0 FTE as detailed on the last pages of this narrative.

Contractual

A contract with Aspect, Inc. will provide the installation, implementation, and support for the CRM. The contract will be for \$46,035 in year 1 and support contracts for \$6,075 for Years 2 and 3.

Other

Costs budgeted under Other include rent and IT costs per each 1.0 FTE as detailed on last pages of this narrative.

Deliverable 4.2 Governance Plan, Data Dictionary, Data Model, Metadata

Personnel

No additional staff are proposed for this project.

Travel

A stakeholder group will work with NDE staff to align the data dictionary with CEDS. Budgeted costs include a group of 20 external people attending six meetings in Year 1. Each meeting is budgeted with 10 people at high travel and 10 at lower travel. Years 2 and 3 would have only two travel meetings. Travel costs for meetings are detailed on the last pages of the budget narrative.

Supplies

Supplies include costs for the 20 stakeholders to participate in six one-hour teleconferences in Year 1 and 2 teleconferences in Year 2 and Year 3 each. Teleconference calls are detailed on the last pages of the budget narrative.

Deliverable 4.3 Interstate Locator

The Interstate Locator module of the eScholar Uniq-ID® for Students is a software product that enables districts to track students who move to determine if they have enrolled in a district in district in another participating state.

Contractual

Contract costs are \$75,000 in year 1 for the purchase of the Interstate Locator module of the eScholar Uniq-ID® for Students software product. Implementation and assistance for districts to use the Interstate Locator are included under Deliverable 4.4.

Deliverable 4.4 Enrollment Data Support

This project will provide a data analyst dedicated to work with the Interstate Locator module, the Uniq-ID® for Students (NDE Student ID) and NDE Staff ID systems, and to assist districts with enrollment data for the Cohort Four-Year Graduation Rates.

Personnel

IT Data/Data Analyst, (Pay grade 46: \$51,348) – 1.0 FTE
Program Coordinator (.40 FTE) and Support Staff (.35 FTE) are included in the budget for Deliverable 1.0 above

Fringe Benefits

Fringe benefits are calculated based on the FTE and the standard rates as detailed on the last pages of this narrative.

Travel

Travel for the Data Specialist is budgeted at medium travel as detailed on the last pages of the budget narrative.

Equipment

Equipment costs include office furniture and computer equipment for the 1.0 staff included in the budget (Detailed on the last pages of this narrative).

Supplies

Costs for supplies are \$2,260 per 1.0 FTE as detailed on the last pages of this narrative.

Other

Costs budgeted under Other include rent and IT costs as detailed on last pages of this narrative.

Non-Federal Funds

Goal 1. Provide a data analysis tool for districts that uses multiple local and state data source to produce reports for local decision makers.

Categories	Year 1	Year 2	Year 3	Total
Personnel	42,706	32,406	33,054	108,166
Fringe Benefits	14,790	11,624	12,365	38,779
Travel	0	0	0	0
Equipment	0	0	0	0
Supplies	0	0	0	0
Contractual	0	0	0	0
Construction	0	0	0	0
Other	0	0	0	0
Training Stipends	0	0	0	0
Indirect Costs	0	0	0	0
Total	57,496	44,030	45,419	146,945

As detailed on the Staffing Chart on Page 29 of the Project Narrative, the costs for the following NDE staff personnel (salary) and fringe benefits will be time certified to this project. Dr. Sameano Porchea, Data, Research and Evaluation team administrator and Project Director, will devote at least 25% of her time to the projects in the proposal. Her costs are included only under Goal 1 but noted under the other Goals. Chris Cassel, IT Database Senior, will devote .25 FTE in Year 1 and .10 FTE in Years 2 and 3 to the completion of Goal 1.

Goal 2. Provide a statewide system of professional development training for data analysis that reaches every district.

Categories	Year 1	Year 2	Year 3	Total
Personnel	26,853	107,010	109,150	243,013
Fringe Benefits	8,535	40,328	43,199	92,062
Travel	0	0	0	0
Equipment	0	0	0	0
Supplies	0	0	0	0
Contractual	0	0	0	0
Construction	0	0	0	0
Other	0	0	0	0
Training Stipends	0	0	0	0
Indirect Costs	0	0	0	0
Total	35,388	147,338	152,349	335,075

Non-Federal support includes Dr. Sameano Porchea’s time (salary and fringe benefits) as Project Director (.25 FTE) for all goals in the proposal. Goals 2 and 4 will be supported by Aimee Lempke, the NDE Helpdesk Director at .25 FTE in Year 1 and .10 FTE in Years 2 and 3. The costs (salary and fringe benefits) are evenly split between the two goals. Goal 2, the Statewide System of Professional Development Training will involve the four NDE Data Trainers (Ben Baumfalk, Matt Heusman, Rachael LaBounty and Russ Masco) at .10 FTE during Year 1 for Tier I of the plan to develop the training and will increase to .50 FTE as all of the trainers are involved in working with each and every district in data analysis training.

Goal 3. Build a research and evaluation operation in NDE collaboratively with the research community.

Categories	Year 1	Year 2	Year 3	Total
Personnel	3,966	4,045	4,126	12,137
Fringe Benefits	1,326	1,407	1,495	4,228
Travel	0	0	0	0
Equipment	0	0	0	0
Supplies	0	0	0	0
Contractual	0	0	0	0
Construction	0	0	0	0
Other	0	0	0	0
Training Stipends	0	0	0	0
Indirect Costs	0	0	0	0
Total	5,292	5,452	5,621	16,365

Non-Federal support includes Dr. Sameano Porchea’s time (salary and fringe benefits) as Project Director (.25 FTE) for all goals in the proposal. NDE staff support will be provided to Goal 3 by Pam Tagart, Director of Staff Data, at .05 FTE for each year.

Goal 4. Expand and enhance the SLDS for sustainability.

Categories	Year 1	Year 2	Year 3	Total
Personnel	10,348	6,649	6,782	23,779
Fringe Benefits	2,364	1,830	1,927	6,121
Travel	0	0	0	0
Equipment	0	0	0	0
Supplies	0	0	0	0
Contractual	0	0	0	0
Construction	0	0	0	0
Other	0	0	0	0
Training Stipends	0	0	0	0
Indirect Costs	0	0	0	0
Total	12,712	8,479	8,709	29,900

Non-Federal support includes Dr. Sameano Porchea’s time (salary and fringe benefits) as Project Director (.25 FTE) for all goals in the proposal. NDE staff support will be provided to Goal 4 by Pam Tagart, Director of Staff Data, at .05 FTE for each year. Goals 2 and 4 will be supported by Aimee Lempke, the NDE Helpdesk Director at .25 FTE in Year 1 and .10 FTE in Years 2 and 3.

Basis of Costs Included in the Budget

Fringe Benefits, travel and operations costs are determined using NDE's standard rates for legislative fiscal notes.

Fringe Benefits

Benefits	Calculations
Salary Increase	2.00% a year
FICA	0.07448%
Health Insurance	\$16,800 (average family plan)
Worker's Comp	0.010827%
Life Ins./EAP	\$40

Travel

Travel expenses are based on an average cost of the expected amount of travel relative to the position responsibilities per Full Time Equivalency (FTE). A 3% increase in costs is added each year for years 2 and 3.

Amount of Travel	Annual Rate
Low	\$1,053
Medium	\$4,426
High	\$7,745

Costs for the required SLDS trips to Washington, DC are based on estimates per person:

Expense	Estimate
Lodging per night	\$275
Airfare	\$700
Meals per day	\$71
Mileage to airport	\$67
Parking, taxi, etc.	\$300
TOTAL for a 3 day trip	\$1,830

Operations costs per 1.0 FTE:

Equipment	One-time Cost
Furniture	\$3,375
Computer	\$1,300
Total	\$4,765

Supplies	Annual Cost
General supplies	\$50
Phone	\$320
Long Distance*	\$1,275
Repair maintenance	\$125
Miscellaneous	\$250
Total	\$2,260

*Long distance costs based on position responsibilities and anticipated use: High - \$2,292; Medium - \$1,275; Low - \$400.

Office Rent	Annual Cost
Professional	\$2,556
Support Staff	\$1,993

IT Costs	Annual Cost
LAN depreciation	\$100
Education Network	\$700

Meeting Costs included in the Budget

Estimated expenses for participants in group meetings are calculated based on geographic representation at meetings. Nebraska is more than 400 miles wide, and about half of the participants in any group will need to travel over 500 miles and require two nights lodging. A 3% increase is included for year 2 and again for year 3.

	High Travel	Lower Travel
Lodging	\$140	0
Mileage	\$555	166.50
Parking	\$30	\$10
Meals	\$110	\$41
Tips	\$15	\$5
Total cost per person per meeting	\$990	\$222.50

Meeting room rental - \$300

Conference Calls

Conference calls: 6 cents per minute plus 7% fee/.01 cents for USF Fee

One conference call for 1 hour costs \$89.04 per person on the call. Assuming 20 people per hour long call = \$1,800. Six conference calls for Year 1 - \$10,800; two conference calls for \$3,600 each year for Years 2 and 3. Conference call expenses are budgeted under Supplies.

Nebraska Information Technology Commission
Enterprise Project Status Dashboard – As of April, 2013

Project: LINK – Procurement		Contact: Bo Botelho				
Start Date	1/14/2013	Orig. Completion Date	10/31/2013	Revised Completion Date		
	April	February	December	October	August	June
Overall Status						
Schedule						
Budget						
Scope						
Comments						
<p>April update: Initial kickoff was held 1/14/2013. Currently working on developing the project plan and business processes.</p> <p>February update: Bo Botelho will replace Steve Sulek as the project manager on the Procurement portion of LINK.</p>						

Project: Network Nebraska Education		Contact: Tom Rolfes				
Start Date	05/01/2006	Orig. Completion Date	06/30/2012	Revised Completion Date		7/01/2013
	April	February	December	October	August	June
Overall Status						
Schedule						
Budget						
Scope						
Comments						
<p>April update: As of April 1, 2013, the Office of the CIO had received commitments from 5 public schools and 1 private college that they would be joining Network Nebraska on 7/1/2013. An additional 70 WAN circuits will need to be re-routed as their telecom providers have changed. Initial commodity Internet projections for 2013-14 show a 95% increase in Internet demand for K-12. Backbone bandwidth capacity will be maxed out due to the limitations on the current contract with NebraskaLink. E-rate funding for the 2012-13 backbone and statewide Internet was approved on April 1, 2013.</p> <p>February update: RFP4180Z1 was released on November 15 and bid opening was delayed until December 26 due to weather. This procurement affects approximately 50 WAN circuits, most of which are in south central Nebraska. A Best and Final Offer bid round was initiated to secure the best prices possible. At least one private college and one private school are considering Network Nebraska for summer 2013. Initial commodity Internet projections for 2013-14 show a 75% increase in Internet demand. Backbone bandwidth may be maxed out due to the limitations on the current contract with NebraskaLink. E-rate funding for the 2011-12 backbone was approved for ~\$183,000.</p> <p>Additional Comments/Concerns: The Network Nebraska-Education Participation Fee fund account has received UNCSN's 2nd quarter project invoice. Software Maintenance of the iSupport Helpdesk system and UNCSN Travel has exceeded the Participation Fee budget for those line items. UNCSN's 3rd quarter project invoice should arrive in early May.</p>						

Nebraska Information Technology Commission
Enterprise Project Status Dashboard – As of April, 2013

Project: Nebraska Statewide Radio System (formerly Public Safety Wireless)	Contact: Mike Jeffres					
Start Date	06/01/2009	Orig. Completion Date	09/30/2013	Revised Completion Date		
	April	February	December	October	August	June
Overall Status						
Schedule						
Budget						
Scope						
Comments						
<p>April update: System checklist and final deliverables in process.</p> <p>February update: No report for February.</p> <p>Additional Comments/Concerns: System acceptance and project closeout in process.</p>						

Project: Fusion Center	Contact: Kevin Knorr						
Start Date	04/13/2010	Orig. Completion Date	06/11/2011	Revised Completion Date			06/22/2012
	April	February	December	October	August	June	
Overall Status							
Schedule							
Budget							
Scope							
Comments							
<p>April update: The dual layer authentication is fixed and in final testing before we deploy our training.</p> <p>We are still moving forward on this project. We continue to provide training and are in the process of full deployment. The vendor and all stakeholders have been working towards a solution to the NCJIS user authentication. No changes to report for this reporting period.</p>							

Nebraska Information Technology Commission
Enterprise Project Status Dashboard – As of April, 2013

Project: Nebraska State Accountability (NeSA) – Year 2012-13 **Contact: John Moon**
(formerly Statewide Online Assessment)

Start Date	07/01/2010	Orig. Completion Date	06/30/2011	Revised Completion Date	06/30/2013	
	April	February	December	October	August	June
Overall Status						
Schedule						
Budget						
Scope						

Comments

April update:

Testing for NeSA-Writing was completed on February 8, 2013. Scoring was completed on March 5, 2013. Corrections to the writing records were completed on April 3, 2013. Districts will receive preliminary writing reports on April 29, 2013.

The testing window for reading, math, and science (RMS) opened on March 25 and will close on May 3, 2013.

February update:

The State of the Schools Report (SOSR) with assessment results from NeSA tests was released on November 20, 2013. State and Federal accountability information based on the NeSA results were provided in the SOSR.

In December 2012, NDE received three proposals for the RFP released in October 24, 2013. A committee is reviewing the submissions and will recommend a vendor for the next contract beginning in July 1, 2013. The recommendation will be made to the board in March 2013.

In January 2013, the NeSA-Writing window opened. There have been several software issues during the writing assessment. NDE has addressed the issues with our vendor and received daily reports on problems experienced by the districts in assessing their students. No resolution has addressed all the software issues.

On February 4, 2013, NDE sent student information to our vendor. Later in February, DRC/CAL will provide online and paper/pencil test administrative training on procedures/guidance. The training will address many issues associated with statewide testing, such as alternate tests, accommodations, student management, test management, etc.

In March 2013, the testing window for NeSA – Reading, Math, and Science will begin March 25 and end on May 3. The management tools for online testing will open on March 4 with test session tickets being available at that time.

Additional Comments/Concerns:

Nebraska State Accountability (NeSA) is a statewide assessment system mandated by Nebraska Statute. Nebraska Department of Education 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, science, and mathematics tests for July 1, 2012 through June 30, 2013. DRC will facilitate the delivery, administration, scanning/imaging, scoring, analysis, and reporting for the alternate pencil/paper reading, science, and mathematics tests during the same assessment window. Online writing assessment will be added to the NeSA system in 2012 for grades 8 and 11.

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 2013, NDE is estimating that over 125,000 students will

Nebraska Information Technology Commission Enterprise Project Status Dashboard – As of April, 2013

participate online in the Reading, Science, and Mathematics testing while about 40,000 students will complete the writing assessment online. Whereas the NeSA reading/science/math test window is from March 25 through May 3, 2013, the NeSA writing test window is January 21 through February 8, 2013. 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 May for writing and June for the reading, math, and science. Complete reporting of student results to districts, schools, and parents from DRC will be completed in August 2013 and reported in the State of the Schools Report in October 2013.

Project: Nebraska Regional Interoperability Network (NRIN)		Contact: Bob Wilhelm				
Start Date	10/01/2010	Orig. Completion Date	06/01/2013	Revised Completion Date	09/30/2013	
	April	February	December	October	August	June
Overall Status						
Schedule						
Budget						
Scope						
Comments						
<p>NEMA is struggling with issues of governance and maintenance of the network. Governance would be needed at the local jurisdiction and not at the state agency (there is no state agency is heading the project, it's all run at the local jurisdiction). There is no formal governance heading the project.</p> <p>April update: The southwest regional installations are almost complete. Contractor working on identifying infrastructure to link southwest and south-central to north-central and eastern part of the state. Considering the possible need to build 3 or 4 towers in south-central and northeast regions. Awaiting information from the contractor and OCIO on details to determine need, height, strength etc. of the potential towers/sites in question.</p> <p>February update: The contractor is in the process of ordering equipment for the east-central, southwest (although much of the southwest regional equipment has been installed), and southeast regional sites where Environmental and Historic Preservation (EHP) Screening forms have been received. Additional structural analysis and surveys of potential sites in the northeast, east-central and southeast areas will be completed in the search for acceptable infrastructure.</p> <p>Additional Comments/Concerns: It's possible that upcoming target dates might be missed. Based on the uncertainty of the infrastructure needed for the project and the time involved in obtaining the environmental approvals to proceed with the project, any target dates are fluid. In addition there has been a delay in completing, testing and accepting the Pilot Ring primarily due to the difficulty in locating adequate tower sites and negotiating leasing agreements and/or MOU's.</p>						

Nebraska Information Technology Commission
Enterprise Project Status Dashboard – As of April, 2013

Project: MMIS		Contact:				
Start Date	N/A	Orig. Completion Date	N/A	Revised Completion Date	N/A	
	April	February	December	October	August	June
Overall Status						
Schedule						
Budget						
Scope						
Comments						
Project On Hold until renewed						

Project: Adjudication Re-engineering (Phase 1A)		Contact:		Randy Ceclre		
Start Date	09/01/2011	Orig. Completion Date	06/30/2012	Revised Completion Date	09/30/2013	
	April	February	December	October	August	June
Overall Status						
Schedule						
Budget						
Scope						
Comments						
<p>April update: The project is moving into the user testing phases.</p> <p>-----Project Description</p> <p>Adjudication Re-engineering is a multi-phase project that will span a number of years to incorporate e-filing, electronic docket files, public web access to docket status, e-documents creation and judges e-signing of decisions and orders, and other performance improvement changes.</p> <p>Project 1a - Release of Liability E-Filing is focusing on the development of one pleading type to complete the full end-to-end set of e-filing functions and limited changes to Clerks Review to process the submitted e-documents in the same manner as performed today with paper.</p> <p>Project 1b - Semi-automated Docket / RFJA Setup, Electronic Docket File, and possibly Centralized Scanning will follow up immediately after 1a is completed. A rough time frame for completion is first half of calendar year 2013.</p> <p>Because of the tight integration of judicial data and functions with non-judicial data and functions, (such as Vocational Rehabilitation), WCC systems, including e-filing, are separate from the rest of the courts in the state.</p> <p>Because of the court's limited jurisdiction, our e-filing system is being designed to provide web-based drafting of pleading documents by outside attorneys, which utilize internal WCC electronic docket information. PDFs are generated for printing and "wet signatures" and the submittal with the "/s/" signature format as is the current rule and practice by the other courts in the state.</p> <p>Future projects will focus on adding the remainder of the pleading types to e-filing.</p> <p>Other adjudication functions to be addressed following Project 2 include:</p> <ul style="list-style-type: none"> • Scheduling and Calendar management, • Public access to case status and case documents, 						

Nebraska Information Technology Commission Enterprise Project Status Dashboard – As of April, 2013

- Judge's Decisions and Orders management,
- Automated notification to other sections of the court of court case changes,
- Electronic transmission of documents to the Court of Appeals,
- Electronic Exhibit management.

There has not been any identification of additional out-of-pocket costs following Project 2, other than the knowledge that electronic storage costs will grow as more e-documents are added to the Electronic Docket Files.

February update:

The completion date was changed from March 31, 2013 to September 30, 2013. Adjudication testing has been temporarily delayed because of Adjudication staff turnover and retraining of new staff affecting time resources of Adjudication management team. WCC management was involved in the revising of the project end date.

The project listed below is reporting voluntarily and is not considered as an Enterprise Project by the NITC.

Project: Law Enforcement Message Switch Replacement							Contact: Suzy Fredrickson
Start Date	08/01/2011	Orig. Completion Date	05/15/2012	Project Completion Date	01/23/2013		
	February	December	October	August	June	May	
Overall Status							
Schedule							
Budget							
Scope							
Comments							
<p>April update: The project is now complete. Suzy Fredrickson will attend the May 14, 2013 Tech Panel meeting to give a final report on the project. No further status updates until then.</p> <p>February update: Cutover to the new switch occurred on January 23, 2013.</p> <p><u>Project milestones:</u></p> <ol style="list-style-type: none"> 1. Establishing a Project Schedule – Complete 2. Development of Design Specifications – Complete 3. Receipt of Software Licensing – Complete 4. Server Installs – Complete 5. Implementation of Interfaces – Datamaxx developing interfaces for DMV, VTR, PO - Complete 6. Regression Testing – Complete 7. User Testing – Complete 8. Training – Complete 9. Documentation – Complete 10. Production Cut Over – Complete <p>Additional Comments/Concerns: Cutover to the new switch occurred on January 23, 2013. Vendor was onsite to address issues as they were identified. The Nebraska State Patrol continues to have daily conference calls with the vendor to review reported issues and discuss troubleshooting initiatives. Reported issues are being tracked in a spreadsheet. The daily priorities are identified and assignments made. NSP receives a list of items for testing to verify resolution of issues.</p>							

Nebraska Information Technology Commission
Enterprise Project Status Dashboard – As of April, 2013

On-Going Issues:			
Application	Issue	Report Date	Comment
Student Information System	ADA Compliance	June, 2012	None.

Color Legend	
	<p>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.</p>
	<p>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.</p>
	<p>Green Project has no significant risk to baseline cost, schedule, or project deliverables. Strong probability project will meet dates and acceptable quality.</p>
	<p>Gray No report for the reporting period or the project has not yet been activated.</p>

CONFERENCE: TUESDAY, JUNE 4, 2013

**VENUE: SCC CONTINUING EDUCATION CENTER
301 S. 68TH ST. PLACE
LINCOLN, NE**

8th Annual

NEBRASKA

CYBER SECURITY CONFERENCE

cio.ne.gov/cybersecurity/events

STAYING AHEAD OF THE EVER-CHANGING CYBER THREATS
JOIN LEADING EXPERTS ON CYBER SECURITY.

The Nebraska Cyber Security Conference is for security administrators and IT professionals including:

- Network Administrators
- System Administrators
- Information Security Professionals

This conference is a partnership between Southeast Community College and the state of Nebraska.



Southeast community college

www.southeast.edu/Training

In today's world, we rely on technology and the Internet for a variety of transactions, communication and information – at home, in school and at the workplace. While we are familiar with the myriad of conveniences provided through

Internet use, it is difficult to stay abreast of all the changes and the potential risks presented by the Internet. We are all “virtual neighbors” in cyberspace, and what we do, or don't do, can affect many others.

The Nebraska Cyber Security Conference will assist in raising our awareness of cyber security and help in protecting all of us in cyberspace. If we do our part individually, we can have a tremendous positive impact collectively on our state's cyber security.

This will be valuable time learning from skilled industry experts, including keynote presenter Patrick Gray, Principal Security Strategist, Cisco Systems. The day will be filled with a variety of breakout sessions that will encompass different areas of information security and technology.

For more information: cio.ne.gov/cybersecurity/events

TUESDAY, JUNE 4, 2013
 SCC CONTINUING EDUCATION CENTER
 301 S. 68TH ST. PLACE • LINCOLN, NE
 8 A.M. - 4 P.M.
 \$99 (EARLY-BIRD REGISTRATION: \$79 - POSTMARKED ON/BY APRIL 18)
 SPACE IS LIMITED. • REGISTRATION DEADLINE: MAY 24, 2013

AGENDA

Introduction	8:25 a.m.	Introduction by Brenda Decker, CIO, state of Nebraska			
Welcome	8:30 a.m.	Welcome by Lavon Heidemann, Lt. Governor, state of Nebraska			
Session 1	9 a.m.	Ernest Staats, Workshop 1	Brandon Harms, Infogressive	Jill Klein, Sirius	
Break	9:45 a.m.				
Session 2	10:30 a.m.			Chris King, Aruba	
Lunch (11:15 a.m. , provided)					
Keynote	12:15 p.m.	Robert Ayoub, Fortinet			
Session 3	1:30 p.m.	Ernest Staats, Workshop 2	Matt Walters, Fishnet	Adreina Monsalve, IBM	Chris Hobbs, State of Nebraska
Break	2:15 p.m.				
Session 4	3 p.m.	Ernest Staats, Best Practices	Nick Puetz, Fishnet Security	Agent Justin Kolebrander, FBI	

SPONSORS



Southeast community college



Prime communications

8-8:25 a.m. Check-in

8:25-8:30 a.m. Introduction by Brenda Decker, CIO, state of Nebraska

8:30-9 a.m. Welcome by Lavon Heidemann, Lt. Governor, state of Nebraska

SESSION 1

9-11:15 a.m.

Ernest Staats

Manage & Mitigate the BYO-Disaster

Detect, monitor and manage, BYO(D) issues. In this lab you will use open source/free (or \$\$) software to determine if someone is actively attacking or just has a compromised device. It will focus on sorting through the noise to find real actionable items. (A laptop with all required software will be provided.) Topics covered: Bandwidth hogging Detection; Man in the middle ARP; Poisoning; Finding Compromised Devices (Mobile). Limited to 35 participants.

Brandon Harms, Infogressive

Prioritize Your Security Efforts: An Overview of the SANS 20 Critical Security Controls 4.0

Skill Level: Intermediate

Prerequisite: Basic understanding of technical security measures

What are the highest priority defensive security measures an organization can implement to detect, mitigate, and/or prevent today's attacks? This prioritized baseline of information security measures and controls created by federal and civilian experts for our national security should be the highest priority for information security decision makers in any environment.

9-9:45 a.m.

Jill Klein, Sirius

Kickstarting Your Mobile Revolution: 5 Key Areas for All Organizations to Start their Mobile Revolution

Skill Level: Beginner

Mobility is transforming businesses into leaner, more efficient organizations. It also is providing alternative methods to increase their customer relationships through mobile solutions that enable customers to get faster service anytime and anywhere. The five key areas covered in this presentation are mobile requirements, project deployments, application testing, technology readiness, and mobile support strategies.

9:45-10:30 a.m. Break

SESSION 2

10:30-11:15 a.m.

Chris King, Aruba

Aruba Mobile Virtual Enterprise

Skill Level: Intermediate

Prerequisite: Network Administrators

- Who is Aruba Networks?
- Users are mobile. How do we implement security around them?
- What to do with BYOD?
- Unified Network Access Policy Management

11:15 a.m.-12:15 p.m. Lunch (provided)

KEYNOTE

12:15-1:15 p.m.

Robert Ayoub, Fortinet

Bring It On! Applying Security to All Things Connected

Smartphones and tablets are invading the workplace, and yet securing those devices continues to remain a top challenge for IT security professionals. Is there really a best way to take advantage of these devices while retaining control of your network? Can you protect your network from the threats these devices may introduce while at the same time giving end users the information they need when they need it? Join Rob Ayoub, Security Strategist for Fortinet, as he discusses Fortinet's network-based approach to solving the challenges associated with the connected device explosion.

SESSION 3

1:30-2:15 p.m.

Ernest Staats

BYO-Insecurity Hands-on Lab

- Testing WIFI Capacity
- Finding Rouge WIFI
- Password Grabbing
(Limited to 35 participants.)

Matt Walters, Fishnet Security

Emerging Trends in Identity Management

After a short description of Identity and Access Management technologies, this discussion will address a variety of hot topics in the Identity and Access Management space, including: the convergence of governance and provisioning tools for precision user on-boarding; robust compliance reporting by integrating privileged user management and identity governance; cloud single-sign on; and using identity providers to streamline external customer registration.

Adreina Monsalve, IBM

Data Loss Prevention

Skill Level: Intermediate to Advanced

The explosion of data within an organization presents inevitable challenges for security and privacy. However, the increasing amount of data also presents us with opportunities as we find smarter ways to derive meaningful and actionable insights from that data. IBM believes not only in building security into all of your business and IT processes, but also in assembling a complete view of your overall security posture. This presentation will provide an overview of IBM's security strategy, introduction of the IBM Security Framework, as well as a look into IBM's holistic data protection capabilities, with an emphasis on network security and protecting against emerging threats.

Chris Hobbs, State of Nebraska

Creating an Effective Security Awareness Program

Skill Level: Beginner to Intermediate

Tired of throwing a bunch of security awareness calendars at your staff and saying that this is your awareness program? Do you want to have an awareness program that you can be proud of? This presentation will give a broad overview of preparing a security awareness program for your organization. We will progress from having no security awareness program to long-range goals.

2:15-3 p.m.

Break

SESSION 4

3-3:45 p.m.

Ernest Staats

BYOD & Consumerization of IT (CoIT) Best Practices

This talk will look at the impact BYOD and CoIT has had on the network infrastructure and what are the best practices to allow this while still maintaining a reliable and secure network.

Nick Puetz, Fishnet Security

If I had \$1M... Bang for Your Buck Security Investment

This presentation will attempt to generate ideas and discussions on universal skills, processes and technologies that organizations can invest in that will give them the biggest bang for their buck (reduce risk, achieve compliance and improve their security posture).

Agent Justin Kolenbrander, FBI

An Overview of Current Cyber Threats

Come and learn about the current cyber threats.

ALL-DAY EVENTS

8 a.m.-4 p.m.

Booths & Demos

We encourage you to visit our Sponsors Booths: Aruba, Cisco, Infogressive, Juniper and Prime Communications, as well as a Demo Room by IBM.

How to Register

1. Complete the non-credit registration form contained in this brochure. **Please print or type information on the registration form.**

NOTE for State of Nebraska Employees: Please register at www.cio.nebraska.gov/cybersecurity/events/

2. SEND the form with payment: **Check** payable to SCC, or **credit card** number (Mastercard, American Express, Discover, or Visa) or a **letter of authorization on company letterhead** if your employer is paying the tuition.

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SE Southeast community college

Complete this form with payment information and send via FAX or mail to: **SCC-Continuing Education Center
301 S. 68th Street Place, Lincoln, NE 68510
FAX: 402-437-2703**

Include credit card information or Letter of Authorization for third-party billing. The College requires a student's Social Security number as a condition for enrollment. A student's Social Security number information constitutes an "educational record" under the Family Educational Rights and Privacy Act (FERPA). The College will be privileged to redisclose that information only with the consent of the student or in those very limited circumstances when consent is not required by FERPA.

PLEASE PRINT

2013 QUARTER

<input type="checkbox"/> SUMMER	<input type="checkbox"/> WINTER
<input type="checkbox"/> FALL	<input checked="" type="checkbox"/> SPRING

Social Security Number	Name: Last	First	Middle Initial	Email address		
Residence Mailing Address			City	State	Zip	County #
Race (select one or more): <input type="checkbox"/> White <input type="checkbox"/> Asian <input type="checkbox"/> Native Hawaiian or Other Pacific Islander <input type="checkbox"/> Black or African American <input type="checkbox"/> American Indian or Alaska Native	<input type="checkbox"/> Resident of Nebraska <input type="checkbox"/> Non-Resident of Nebraska	Birth Date	Business Phone	Home Phone	Cell Phone	
Ethnicity (select one): <input type="checkbox"/> Hispanic or Latino <input type="checkbox"/> Not Hispanic or Latino		Gender: <input type="checkbox"/> Male <input type="checkbox"/> Female	Employer			

Nebraska Cyber Security Conference

Tuesday, June 4, 2013 • 8 a.m. - 4 p.m.

Southeast Community College Continuing Education Center
301 S. 68th St. Place, Lincoln, NE

- Early-Bird Registration: \$79**
(postmarked by or on April 12) • INFO-6240-CESA
- Regular Registration: \$99**
(postmarked after April 12) • INFO-6240-CESB

I would like a vegetarian entree for lunch.

SCC Staff Tuition Waiver _____

Total Due \$ _____

CHECK ONE TOPIC IN EACH SESSION YOU WANT TO ATTEND

Workshops • 9-11:15 a.m.

- Manage & Mitigate the BYO-Disaster**
with Ernest Staats
- Prioritize Your Security Efforts: An Overview of the SANS 20 Critical Security Controls 4.0**
with Brandon Harms

Session 1 & 2 • 9-11:15 a.m.

- Kickstarting Your Mobile Revolution** *with Jill Klein*
(9-9:45 a.m.)
- Aruba Mobile Virtual Enterprise** *with Chris King*
(10:30-11:15 a.m.)

Session 3 • 1:30-2:15 p.m.

- BYO-Insecurity Hands-on Lab**
with Ernest Staats
- Emerging Trends in Identity Management**
with Matt Walters
- Data Loss Prevention**
with Adreina Monsalve
- Creating an Effective Security Awareness Program**
with Chris Hobbs

SIGNATURE _____

Session 4 • 3-3:45 p.m.

- BYOD & Consumerization of IT (CoIT) Best Practices**
with Ernest Staats
- If I had \$1M... Bang for Your Buck Security Investment**
with Nick Puetz
- An Overview of Current Cyber Threats**
with Agent Justin Kolebrander

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Exp.Date _____ Credit card # _____

Billing agency (INCLUDE LETTER OF AUTHORIZATION ON COMPANY LETTERHEAD)

For the protection of your personal credit card information, do not e-mail this form to SCC. If faxing, only use the fax number listed or verify with SCC before using another SCC fax number.

Would you like a receipt mailed to you?
 Yes No

Submission of this form indicates that I understand: 1) that my registration is complete and that I am accountable for the tuition and fees and subject to a grade in the courses listed; 2) that should I officially drop, cancel, or withdraw, any refund in tuition will be determined by the date I submit my request to Continuing Education; 3) that failure to attend a course does not constitute an official drop/withdrawal; 4) the personal information contained herein is correct as shown; and 5) any changes in SSN, legal name, address, residency, etc. must follow the College procedures in the Student Handbook and College Catalog. It is the policy of SCC to provide equal opportunity and nondiscrimination in all admission, attendance, and employment matters to all persons without regard to race, color, religion, sex, age, marital status, national origin, ethnicity, veteran status, sexual orientation, disability, or other factors prohibited by law or College policy. Inquiries concerning the application of SCC's policies on equal opportunity and nondiscrimination should be directed to the Vice President for Access/Equity/Diversity, SCC Area Office, 301 S. 68th Street Place, Lincoln, NE 68510, 402-323-3412, FAX 402-323-3420, or jsoto@southeast.edu. La política pública de SCC es de proveer equidad, y prohíbe discriminación, en todos asuntos referentes a la admisión, participación, y empleo contra toda persona por motivo de raza, color, religión, sexo, edad, estado civil, origen nacional, etnia, condición de veterano, orientación sexual, incapacidad, u otros factores prohibidos por ley o política del Colegio. Preguntas relacionadas a la política sobre equidad/antidiscriminación de SCC deben dirigirse a: Vice President for Access/Equity/Diversity, SCC Area Office, 301 S 68 Street Place, Lincoln, NE. 68510, 402-323-3412, FAX 402-323-3420, o jsoto@southeast.edu.