

MEETING AGENDA
EDUCATION COUNCIL
of the
NEBRASKA INFORMATION TECHNOLOGY COMMISSION

Thursday, August 16, 2012; 1:00PM CT

State Capitol Room 1126 (south entrance)
 15th & H Streets
 Lincoln, Nebraska

Open Meetings Act (click [here](#) to download, 7 pgs, 81kb)
 Meeting Materials (click here to download)

(The Council 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. Items marked in BOLD are expected action items.)

1:00 PM	1. Call to Order, Electronic Posting, Location of Open Meeting Law Documents, Roll Call, Introductions	Co-Chair
1:05 PM	2. Consider approval of the Agenda for the August 16, 2012 meeting	Co-Chair
1:08 PM	3. Consider approval of the Minutes from the January 19, 2012 meeting	Co-Chair
1:10 PM	4. Public Comment	Co-Chair
1:15 PM	5. <i>Presentation: Overview of the State biennial budget process and I.T. Project review and prioritization</i> [NITC Timeline]	W. Scheideler
1:45 PM	6. <i>Presentation: ESUCC initiatives</i>	M. Blomstedt
2:15 PM	7. Network Nebraska Update A. Summer 2012 Upgrade B. Statewide Backbone 2012-13 C. Participation Report, 7-1-2012 D. 2012-13 Fee Memo E. Network Nebraska Advisory Group Report	T. Rolfes
2:30 PM	8. Task Group Reports A. Emerging Technologies Task Group B. Services Task Group C. Governance Task Group D. Marketing Task Group a) Network Nebraska Marketing Report	Co-Chairs & Task Group Leads
2:45 PM	9. NITC Action Items A. Task Group Membership/Assignments B. 2012-2014 NITC Action Items (Network Nebraska, Digital Education, and eGov action items)	Co-Chair
3:15 PM	10. Other/Announcements A. Survey Results : Regular Recurring Meeting Preference B. 2012-13 Meeting Schedule	Co-Chair
3:20 PM	11. Agenda Items for the 10/17/2012 Meeting	Co-Chair
3:25 PM	12. Consider location for the 10/17/2012 Meeting	Co-Chair

3:30 PM	13. Adjournment	Co-Chair
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The NITC Education Council wishes to thank the NITC staff for helping host the August 16, 2012 meeting.

NITC/Education Council Homepage: <http://www.nitc.nebraska.gov/>
Meeting Notice Posted to the NITC Web site 08-07-2012
Meeting Notice Posted to the [Nebraska Public Meeting Calendar](#) 08-07-2012
Agenda Posted to the NITC Web site 08-07-2012, Updated 08-13-2012

**Nebraska Information Technology Commission
EDUCATION COUNCIL**

2012-2014 Membership Renewals/Replacements EXPIRING June 30, 2012

<u>Name</u>	<u>Representing</u>	<u>Status</u>
<u>HIGHER EDUCATION (2011-13 term)</u>		
Mary Niemiec	UN System	President Milliken confirmed (7/11/12)
Clark Chandler	Independent Colleges & Universities	Tip O'Neill confirmed (6/15/12)
Randy Schmailzl	Community College System	Dennis Baack confirmed (6/7/12)
John Dunning	State College System	Stan Carpenter confirmed (7/27/12)
<u>K-12 EDUCATION (2011-13 term)</u>		
<u>Gary Needham</u>	Educational Service Units	Matt Blomstedt confirmed (7/14/12)
Terry Haack	Administrators	Mike Dulaney confirmed (7/26/12)
Jeff Stanley	Boards of Education	John Spatz confirmed (8/8/12)
Jeff Johnson	Public Teachers	Nancy Fulton confirmed (5/30/12)

Note

Underlined Candidates are new voting members to the NITC Education Council and have a brief biographical statement attached to this document

RECOGNITION

The Nebraska Information Technology Commission wishes to recognize and thank Mr. Ron Cone for his many years of distinguished service on the Education Council, in the role of advising the Commission on matters of education technology initiatives, funding, and policy.

Biographical Sketches

Gary Needham

Gary Needham was just hired as the Director of Technology at ESU 9 in Hastings in July 2012. He succeeds Ron Cone on the Education Council as a representative of the Educational Service Units of Nebraska. Mr. Needham previously worked for Kearney Public Schools since 2004 as the Director of Technology and as an Apple Systems Analyst. He also previously owned his own technology business. Gary earned a Bachelors Degree in Education from the University of Nebraska-Kearney, majoring in computer science and business, graduating Magna Cum Laude. He is proficient in numerous technical areas such as local area networks, wide area networks, and server systems. Gary recently helped plan and present at the NETA Disaster Recovery Planning Workshop in February and is a frequent presenter at the NETA conference and area technical conferences.

**EDUCATION COUNCIL
of the
NEBRASKA INFORMATION TECHNOLOGY COMMISSION**

Thursday, January 19, 2012; 1:00 PM CT
Lincoln Executive Building, 521 S. 14th St., Room 103
Remote: Wayne State College, Library Room #31
Remote: Alliance High School, 100 W. 14th, Alliance
Remote: Omaha State Office Building, 1313 Farnam, Room 207
Remote: ESU 10, 76 Plaza Blvd., Kearney

PROPOSED MINUTES

VOTING MEMBERS/ALTERNATES PRESENT:

Mr. Clark Chandler, Nebraska Wesleyan University
Mr. Ken Clipperton, Midland University
Mr. Ron Cone, Educational Service Unit 10, Kearney
Dr. Terry Haack, Bennington Public Schools
Mr. Steven Stortz, Christ Lutheran School, Norfolk, alt. for Stephen Hamersky
Mr. Leonard Hartman, Alliance Public Schools
Mr. Jeff Johnson, Centennial Public Schools
Mr. Lyle Neal, Southeast Community College
Ms. Mary Niemiec, University of Nebraska
Mr. Randy Schmailzl, Metropolitan Community College
Dr. Bob Uhing, Educational Service Unit 1, Wakefield

LIAISONS/ALTERNATE MEMBERS PRESENT: Ms. SuAnn Witt, Nebraska Department of Education; Mr. John Stritt, Educational Service Unit 10, Kearney.

MEMBERS/LIAISONS ABSENT: Mr. John Dunning, Wayne State College; Mr. Ed Hoffman, Nebraska State College System; Ms. Yvette Holly, UNL-Medical Center; Dr. Mike Lucas, York Public Schools; Mr. Jeff Stanley, Conestoga Public Schools; Dr. Marshall Hill, Coordinating Commission for Postsecondary Education; Ms. Brenda Decker, State Office of the CIO; Mr. Gary Targoff, NET.

CALL TO ORDER, ELECTRONIC POSTING, LOCATION OF OPEN MEETING LAW DOCUMENTS, ROLL CALL, INTRODUCTIONS

Co-Chair, Dr. Haack, called the meeting to order at 1:05 pm. There were 8 members present at the time of roll call. A quorum existed to conduct official business. Meeting notice posted to the Nebraska Public Meeting Calendar on 11-14-2011. Agenda posted to the NITC web site on 11-14-2011. A copy of the Nebraska Open Meetings Laws was on the wall of the Executive Building Conference Room and at each of the remote locations.

OTHERS PRESENT

Dave Hahn of Nebraska Information Network introduced himself to the Council.

CONSIDER APPROVAL OF THE AGENDA FOR THE JANUARY 19, 2012 MEETING

Mr. Neal moved to approve the January 19, 2012 agenda as presented. Mr. Hartman seconded. Roll call vote: Clipperton-Yes, Cone-Yes, Haack-Yes, Stortz-Yes, Hartman-Yes, Johnson-Yes, Neal-Yes, and Schmailzl-Yes. Results: Yes-8, No-0, Abstained-0. Motion carried.

Dr. Bob Uhing, Educational Service Unit 1, joined the meeting at the Wayne State location.

CONSIDER APPROVAL OF [MINUTES](#) FROM THE November 7, 2011 MEETING

Dr. Uhing moved to approve the November 7, 2011 minutes as presented. Mr. Stortz seconded. Roll call vote: Clipperton-Yes, Cone-Yes, Haack-Yes, Stortz-Yes, Hartman-Yes, Johnson-Yes, Neal-Yes, Schmailzl-Yes and Uhing-Yes. Results: Yes-9, No-0, Abstained-0. Motion carried

PUBLIC COMMENT

There was no public comment.

LEGISLATIVE UPDATE

Mr. Rolfes gave a legislative update. He stated that today is the last day to introduce bills for legislation. The first link in the agenda is a link to the NITC website that tracks all technology related legislation across a number of different sectors. The legislation is listed for both sessions of the biennium. He requested that members bring to his attention any legislation they would like the NITC to track. Mr. Rolfes highlighted two of the bills: LB 735, broadens the ability of community college board of governors to hold their meetings by means of video conference and also audio conference, which is a special exception in the open meetings laws. Most recently the 17 ESU boards were added in a similar fashion. LB 782 is a very lengthy bill requiring all statutory reports to the legislature to be submitted electronically. This includes three reports from the NITC, the annual report, the prioritization of information technology projects as well as the Network Nebraska annual fiscal report, as well as any other OCIO reports from any other statutes.

Clark Chandler, Nebraska Wesleyan, joined the meeting from the Lincoln Executive Building location.

PRESENTATION: "ESU 10 ELEARNING RESOURCES" BY RON CONE, ESU 10

Mr. Cone referred to the slides which were provided electronically. He explained that the Greater Nebraska Educational Network Consortium (GNENC) involves the cooperation of five service units: ESU 10 in Kearney, ESU 11 in Holdrege, ESU 13 in Scottsbluff & Sidney; ESU 15 in Trenton, and ESU 16 in North Platte and Ogallala. ESU 13 had been doing some good work with Moodle in their district. The possibility of the consortium doing this collectively was brought up. What started out as a learning management system grew to be e-learning thematic services. They are training schools to use it and working with teachers in that capacity. There was a question of how to train teachers and districts to use the learning management system and how to get students to connect with it to really improve their learning. They found that it became a question of instructional strategies using technologies. It was decided they would try to find a piece to link those products together from an instructional standpoint. The instructional design model called UBD, Understanding by Design was selected. This is a backward design model which seemed to help the developers look at the desired results and find out then how these tools can be used to achieve those results. Some of the pieces of technology that are included are single sign on and an active directory that has all their accounts in it, all built on top of that same authentication, then it interfaces with each of the software products. Since there is a Resource Warehouse, they hope to fill it with authentic resources or other resources and manage it. Most of the focus right now is on Google, and the Google applications, and the Understanding by Design processes. In the future they would like to have a state wide directory, at least for K-12, comprising a federated network on Network Nebraska. A question/answer period followed the presentation.

Mary Niemec, University of Nebraska, joined the meeting at the Lincoln Executive Building location.

NETWORK NEBRASKA UPDATE

Mr. Rolfes referred the group to the links in the agenda, the first being the Network Nebraska Report. There is an update on the federal reimbursement program, E-rate. On December 9, last year's funding of \$181,000 was awarded. Network Nebraska is now in this year's performance year requesting funding for this year's backbone, and they are just setting the stage for a new set of applications for reimbursements by March 20 which will get into 2012 – 2013 backbone and Internet. Two key elements on the K12 side:

- In order for the OCIO to act on their behalf, every single school district, ESU and library has to submit what is called a "Letter of Agency". This gives OCIO the ability to act as a consortium lead to bid on their behalf, to contract for Internet, and to operate the backbone. The Office of the Chief Information Officer is going to assume a new responsibility for next year with buying and rebilling for Internet for the K-12 entities on Network Nebraska-Education. Up until now every school, ESU or library could buy off the State contract and the vendor would bill them and then the local entity or regional entity would file for their own E-rate. Through discussions with the vendors, it was learned that if the number of rebilled entities was limited, costs would go down. The responsibility and also the cash flow of carrying those purchases into the next year will fall on the shoulders of the State Office of the CIO. The financial solutions team is comfortable with assuming the extra cash flow. The state cash flows about \$200,000 of

e-rate funding for sixteen months on the backbone, then gets reimbursed. The statewide reimbursement on internet will be about \$90,000. This will require the OCIO to collect a new E-rate form called the 479 which declares at the local level that they have met all the Children Internet Protection Act responsibilities for serving internet.

- Concerning RFP 3827, this procurement was released in October 2011, bidding was opened on December 9, and they are currently working through the awards. Out of 235 K12 circuits, they are awarding 204 to nine providers, with an overall cost reduction of 40% from what it was in the previous 48 months. They are staging a second round RFP which was released on January 18 to rebid all those circuits that were unacceptable. They rebid the backbone that has been in place for the past five years. If they would relight the circuits they have this year at the same bandwidth they have had, they would see a drop in cost of 67%. The other option is to extend the backbone and increase the bandwidth in some places, which would increase the reliability. The demands that the members place on the network will be reviewed and they will try to scale the backbone accordingly and try to keep it at the same cost or less. The cost of Internet off the state contract through June 2012 is \$6/Mbps/month. The bids for the new contract are in and if we would rebuy the same amount as we are buying this year, that rate would go down to \$2.75/Mbps/month, which is a 55% cost reduction. These are among the lowest rates anywhere in the country. An indirect benefit of being part of this state contract is IPv6, the new dynamic routing scheme in millions of addresses as soon as the entire Internet switches to this. During the transition to IPv6, if you support websites, you have to support all of your websites in IPv4 and then when you switch to IPv6 you have to support that also. You will need to do dual support until the entire world that would visit your website gets changed over to IPv6. The advantage to the Network Nebraska members is that the entire block of addresses through Network Nebraska will be systematically released to all of its members.
- The next round RFP 3886 there will be 50 circuits bid or rebid, plus 9 K12 circuits from potential members, and rebidding an element of the backbone.

A question and answer period followed. Mr. Clipperton offered congratulations and a thank you to Mr. Rolfes for his work and the results that came out of this RFP.

Continuing with the Network Nebraska update, John Stritt, co-chair of the Network Nebraska Advisory Group, said that as outlined in the action items there are a number of things that pertain to Network Nebraska and the Advisory Group as it relates to the Education Council. One of the things listed on several of the items is the aggregation of entities and/or providing services and to whom those are provided. Nebraska Statute 86-5,100 describes Network Nebraska as serving local government, state government, and education entities. A subcommittee was set up to look at what should take place in terms of additional membership, extending to others that could qualify, and if that is done, how these services are to be implemented. It has opened up some discussion. The recommendation at this time is to maintain the K-20 network membership qualifications 'as is'.

Another item deals with the OCIO MCU Bridge that the Network Nebraska members can use for meetings. The intent was to see if these kinds of bridges could be valuable in terms of use. The cost is about \$1.26 per member per month to have almost unlimited access to 10 simultaneous connections anytime of the day or week.. The next question that needs to be looked at is how many Network Nebraska members know about this service and how many used it.

The Network Nebraska Advisory Group is working with the web development team of the OCIO in redesigning the www.networknebraska.net website. The purpose of the website is to make information available to the Network Nebraska members and other interested parties.

ELECTION OF HIGHER EDUCATION CO-CHAIR

Tom Rolfes reported that the higher education members have completed a compressed virtual caucus and wish to bring forth the single nomination of Ed Hoffman to be elected as the higher education co-chair. Mr. Hoffman is willing to accept the position if approved by a vote of the council.

Mary Niemec nominated Ed Hoffman for co-chair of the Education Council. The nomination was seconded by Lyle Neal. Roll call vote: Chandler-Yes, Clipperton-Yes, Cone-Yes, Haack-Yes, Stortz-Yes, Hartman-Yes, Johnson-Yes, Neal-Yes, Niemec-Yes, Schmailzl-Yes and Uhing-Yes. Results: Yes-11, No-0, Abstained-0. Mr. Hoffman was elected unanimously.

TASK GROUP REPORTS

There was no report from the Emerging Educational Technologies Task Group.

There was no report from the Governance Task Group.

There was no report from the Network Nebraska Services Task Group.

SuAnn Witt reported from the Marketing Task Group. The survey closed in mid-December. When Ms. Witt has all of the data compiled she will send it out by e-mail, prior to the next meeting.

TASK GROUP MEMBERSHIP

Co-Chair Haack asked that each Education Council member be assigned to at least one task group. Members and Alternates who are not currently assigned to a task group were reminded to let Mr. Rolfes know which group they are interested.

NITC ACTION ITEMS

Co-Chair Haack stated that each of the Advisory Groups of the NITC is responsible for advancing action items that address the eight strategic initiatives of the commission. Documentation provided in the agenda link includes the action items that address the NITC initiatives of Network Nebraska and Digital Education, for which the Education Council is most involved or if they include Education Council as either a participating or lead entity Dr. Haack asked the members to discuss how the Council will be contributing to that work. The four Education Council Task Groups seem to match well with the action items. Following discussion, the Council assigned the action items to task groups as follows:

- **Governance Task Group** – N1A, N1B, N2A, N2B, D2, and E1.
- **Emerging Educational Technologies Task Group** – D2 and D4.
- **Marketing Task Group** – N4C, N4D, D1, and E1 (monitor and advise).
- **Network Nebraska Services Task Group** – N3, N4A, N4B, N4E, D3, and D5.

N4F was included in the documents, but the Education Council is not listed on it, so it was not assigned to any of the task groups.

Dr. Haack stated that it is the responsibility of the task group leader or co-leader to schedule a meeting during February and make progress related to those tasks and bring back a report to the March meeting.

DISCUSS THE POSSIBILITY OF A REGULARLY RECURRING MEETING

This will be kept on the agenda for March.

AGENDA ITEMS FOR THE NEXT MEETING

Task Group reports, Network Nebraska update, and the Network Nebraska Marketing Survey Report will be added to the agenda.

CONSIDER LOCATION FOR THE MARCH MEETING

The March meeting will be a face to face meeting. It was decided that the next meeting will be held in Lincoln, March 15, 2012 at 1:00pm CT. The NITC staff will reserve an appropriate place for the meeting and notify all members, alternates and liaisons. Mr. Hartman volunteered to check on the NSEA Building.

Mr. Johnson moved to adjourn. Mr. Chandler seconded. All were in favor. Motion carried by voice vote. The meeting was adjourned at 3:06 p.m.

Meeting minutes were recorded by Jeanine Yost and reviewed by Tom Rolfes of the NITC.

**Nebraska Information Technology Commission
FY2013-2015 Biennial Budget Review Timeline**

	Task	Due Date
1	IT Project Proposals due	9/15/2012
2	Projects posted on website	9/17/2012
3	Initial assignment of reviewers by staff and notice sent to Technical Panel members	9/18/2012
4	Reviewers receive projects and scoring sheets by email	9/20/2012
5	Completed scoring sheets due from reviewers	10/1/2012
6	Distribute summary sheets, with reviewer scores and comments, to submitting agencies for comment/response	10/2/2012
7	Agency response due (optional)	10/5/2012
8	Technical Panel meeting	10/9/2012
9	State Government Council meeting	10/11/2012
10	Education Council meeting	10/17/2012
11	NITC meeting	10/29 - 11/14
12	Report Submitted to Governor and Legislature	11/15/2012

Network Nebraska Membership—254 Total Entities Participating for 2012-2013

New Network Nebraska entities for 7/1/2012

Springfield Platteview Community Schools, ESU 3
District OR 1-Palmyra/Bennet, ESU 4
Nebraska City Public Schools, ESU 4
Sterling Public Schools, ESU 4
Freeman Public Schools, ESU 5
Holy Family School-Lindsay, ESU 7
Nebraska Indian Community College-Macy
Little Priest Tribal College-Winnebago

New Network Nebraska circuits for 7/1/2012

Elementary School at Ceresco, 10Mbps Windstream
Elementary School at Valparaiso, 10Mbps Windstream
Bellwood Attendance Center, 10Mbps Windstream

Deleted Network Nebraska entities for 7/1/2012

Dodge/Howells Merger

Network Nebraska-Education Fees Structure for 2012-2013

Participation Fee FINALIZED for 2012-2013:

K-12 & Higher Education Entities: \$ 203.48/month/entity (\$ 2,441.76/year/entity)

Interregional Transport Fee FINALIZED for 2012-13:

K-12 Entities: \$ 18.67/month/entity (\$ 224.04/year/entity)

Higher Education Entities: \$ 61.28/month/entity (\$ 735.36/year/entity)

Internet Access Cost FINALIZED for 2012-2013:

K-12/library entities: \$.7905/Mbps/month

Higher Education Entities: \$ 2.55/Mbps/month

Summer 2012 Network Upgrade Report

4 circuits of the statewide backbone converted to NebraskaLink = COMPLETE

6 core routers, 1 traffic shaper, 10Gbps Ciena gear circuit installation = COMPLETE

4.9 Gbps of new Internet access started up with Unite Private Networks = COMPLETE

150 WAN circuits for K-12 & colleges = COMPLETE, except for 2 or 3 college circuits after 8/3/2012

Network Nebraska—Education Participation Report (Part 1- PUBLIC Entities) July 1, 2012

Neb. Rev. Stat. 86-5,100 (excerpt) Network Nebraska; development and maintenance; access; Chief Information Officer; duties; cost; report.

The Chief Information Officer shall provide access to each school district, each educational service unit, each community college, each state college, and the University of Nebraska at the earliest feasible date and no later than July 1, 2012. Access may be provided through educational service units or other aggregation points. Participation in Network Nebraska shall not be required for any educational entity.*

*Note “Access” was defined by the Chief Information Officer as the ability to connect via Ethernet to one of the Network Nebraska—Education core aggregation points.

SUMMARY: Network Nebraska—Education PUBLIC K-20 Participants, as of 7/1/2012:

219 of 252 public school districts	(87%)
15 of 17 Educational Service Units	(88%)
8 of 8 community colleges	(100%)
3 of 3 state colleges	(100%)
1 of 1 University of Nebraska	(100%)

Network Nebraska-Education Participation Report (Part 2- NON-PUBLIC Entities) July 1, 2012

Neb. Rev. Stat. 86-5,100 (excerpt) Network Nebraska; development and maintenance; access; Chief Information Officer; duties; cost; report.

*The network shall consist of contractual arrangements with providers to meet the demand of state agencies, local governments, **and educational entities** as defined in section [79-1201.01](#).*

Neb. Rev.Stat. 79-1201.01 (excerpt) Terms, defined.

*3) **Educational entity** means a school district, a private, denominational, or parochial school, an educational service unit, a community college, a state college, the University of Nebraska, or a nonprofit private postsecondary educational institution;*

SUMMARY: Network Nebraska—Education NON-PUBLIC K-20 Participants, as of 7/1/2012:

4 of 213 private, denominational or parochial schools	(2%)
6 of 14 nonprofit private postsecondary educational institutions	(43%)

Appendices available upon request from the Office of the CIO, 402-471-7969, tom.rolfes@nebraska.gov :

Appendix A—PUBLIC K-12 Entity Participant List (districts and ESUs)
Appendix B—PUBLIC Higher Education Entity Participant List
Appendix C—PUBLIC K-12 Non-Participant List (districts and ESUs)
Appendix D—PUBLIC Higher Education Non-Participant list

Appendix E—NON-PUBLIC K-12 Participant List
Appendix F—NON-PUBLIC Higher Education Participant List
Appendix G—NON-PUBLIC K-12 Non-Participant list
Appendix H—NON-PUBLIC Higher Education Non-Participant list



Dave Heineman
Governor

STATE OF NEBRASKA

OFFICE OF THE CHIEF INFORMATION OFFICER
Brenda L. Decker
Chief Information Officer
P.O. Box 95045
Lincoln, Nebraska 68509-5045
402-471-3560

July 13, 2012

The Office of the CIO is prepared to announce the 2012-13 Network Nebraska-Education fees and also update you on a number of exciting developments relative to the statewide education network.

I am pleased to report that six new K-12 entities and two new tribal colleges will be joining Network Nebraska during summer 2012. The public K-12 entities will be eligible this fall to begin earning distance education incentives from the Education Innovation Fund. A Participant Report appears at the end of this memo as we pass the 7/1/2012 legislative benchmark of providing 'access' to all public education entities.

The Network Nebraska Advisory Group (NNAG) is now in its 36th month of existence—comprised of 8 individuals from K-12 and 8 from higher education. These members have met 20 times and indirectly represent the interests of all 252 education entities presently on the K-20 network. Their job is to provide strategic vision and operational recommendations to the Office of the Chief Information Officer as we manage and grow the network. (NNAG [website](http://www.nnag.org).) If you would be interested in serving on the NNAG, you may contact co-chairs John Stritt, jstritt@esu10.org if you are with K-12, or Debbie Schroeder, schroederd@unk.edu, if you are with higher education.

We had over 150 circuits purchased from the 2011-12 state bidding process with implementation occurring during summer 2012. When compared to similar services from 2007-2011, we observed an average cost reduction of 40% across the board. Many entities were able to double or triple their WAN transport bandwidth while maintaining or lowering their costs.

Several changes happened with statewide Internet access, effective 7/2/2012. Network Nebraska-Education moved from Windstream Communications to Unite Private Networks. The unit price for 2012-13 decreased by 58% (\$2.55/Mbps/month) when compared to the 2011-12 pricing (\$6.00/Mbps/month). As a result, the aggregated purchase amount increased by 118% to 4.9 Gbps/month. In addition, the Office of the CIO has assumed the E-rate filing on the eligible portion of the statewide Internet purchase and will be billing the eligible entities the post-E-rate amounts.

The Network Nebraska-Education backbone was also bid out for the 2012-2015 term. The annual cost will decrease by 39% for 2012-13 when compared to 2011-12 and the average transport bandwidth over the entire length will double to 1.7Gbps. Consequently, entities will see a decrease in their monthly Interregional Transport fees.

The Office of the CIO is excited to announce the addition of two new aggregation points to the federated backbone; Scottsbluff and Omaha at 1623 Farnam. These new aggregation points will allow us to increase our network speed and reliability, particularly for the 308 area code region.

The Participation Fee budget for 2012-13 includes a line item called "Network Upgrade Project" which will be used to help pay for the router replacements and other equipment upgrades performed during summer 2012. Consequently, there will be a modest increase in Participation Fees for 2012-13 which will hasten the payoff of the equipment. These core routers will not be due for replacement again until 2017 or 2018.

The NNAG recommended that the OCIO videoconferencing bridge services be increased from 10 to 12 simultaneous multi-point connections for administrative videoconferencing by any Network Nebraska member. More details about how to use this service are available from your ESU distance education coordinator or college technology officer.

The Network Nebraska Advisory Group, the OCIO financial solutions team, and the Collaborative Aggregation Partnership (CAP) have been reviewing the network revenue and expenses for 2012-13 and are prepared to announce the 2012-13 rates, which will take effect with the August 2012 billing:

Performance Year	Network Nebraska Participation Fee	Number of Entities
2012-13	\$203.48/month/entity	252 entities
2011-12	\$190.21/month/entity	244 entities
2010-11	\$195.13/month/entity	226 entities
2009-10	\$192.47/month/entity	232 entities
2008-09	\$197.80/month/entity	182 entities
2007-08	\$200.00/month/entity	94 entities

Performance Year	Network Nebraska Interregional Transport Fee	Number of Entities
2012-13	\$18.67/month/K-12 entity (\$ 61.28/month/college)	252 entities
2011-12	\$31.69/month/K-12 entity (\$101.09/month/college)	244 entities
2010-11	\$36.45/month/K-12 entity (\$115.78/month/college)	226 entities
2009-10	\$34.48/month/K-12 entity (\$ 92.72/month/college)	232 entities
2008-09	\$34.21/month/K-12 entity (\$ 93.35/month/college)	182 entities
2007-08	\$ 0.00/month/K-12 entity [no backbone in service]	94 entities

Performance Year	Network Nebraska Internet Access Unit Charge	Number of Entities
2012-13	\$.7905/Mbps/month for K-12 (\$2.55/Mbps/month for colleges)	15 entities

We want to congratulate these groups on working together to keep network costs to a manageable level for the members of Network Nebraska.

As CIO for the State of Nebraska, I am very proud to be associated with this public-private, federated project. Due to the cooperative spirit of Nebraska education entities, we have found a way to work together, share costs, and grow this network to serve over 300,000 Nebraska students. By aggregating Internet demand, we have leveraged one of the lowest unit prices for Internet access in the entire country. We are one of only a small number of education networks completely funded by the participants. In these tough economic times, we all have been able to continue to make advancements in data management technology that improve the security and reliability of the overall network. For this, I commend and thank all of you.

If you have questions or comments about the contents of this memorandum, please contact me at brenda.decker@nebraska.gov or you can reach me at 402-371-3717.

Sincerely,



Brenda L. Decker
 Chief Information Officer
 State of Nebraska

Attachments

Comprehensive Listing of Network Nebraska—Education Services and Benefits (7/5/2012)

Student Learning Opportunities

- Statewide Clearinghouse and Videoconferencing Scheduling Software (i.e. Renovo)
- High quality exchange of Nebraska K-12 and college video distance learning classes
- High bandwidth Internet2 access to over 50,000 education partners and content providers
- Internet2 programming and virtual museum trips from across the U.S./world

Connectivity/Transport

- Intranet Ethernet connectivity to all 252 Network Nebraska participants and Nebraska Dept of Ed
- Interregional (high bandwidth backbone) Transport between Grand Island, Lincoln, Omaha, and Scottsbluff
- Access to commodity Internet1 service (state contract purchase)
- Internet2 access and Internet2 Commodity Peering/Routing to over 60,000 companies
- Limited co-location rack space at Grand Island, Lincoln and Omaha core locations on a space available basis
- Core router and core infrastructure cost avoidance through the University of Nebraska partnership
- Shared services for up to 12 simultaneous videoconferencing ports over the OCIO MCU bridges

Network Management/ Monitoring

- 24/7 network monitoring and call center
- Toll-free Network Nebraska number, 1-888-NET-NEBR (638-6327)
- Automated Notification System services
- Network abuse and nefarious activity monitoring
- Bandwidth measuring and assistance
- Level 1 network troubleshooting and support on Network Nebraska - Education backbone, core network devices and State Contract and University of Nebraska contracts for Internet access
- Level 2 network troubleshooting and support on wide area networking and other participant routing and DNS issues
- Level 2 video/scheduling troubleshooting and support
- Traffic shaping of Network Nebraska Internet bandwidth
- Onsite and/or remote technician assistance, upon request

Administrative/E-rate

- RFP development and State Master Contract negotiations
- E-rate filing on the K-12 eligible portion of the Interregional Transport and statewide Internet
- Sponsored Education Group Participation (SEGP) Membership for Internet2
- Establishing the yearly eligibility list for LB1208 Distance Education Incentive Dollars and Equipment Reimbursements
- Management of the statewide purchase contracts for statewide scheduling, WAN services, Internet access, Cisco equipment, and videoconferencing equipment.
- E-rate archiving of bid documents, invoices, correspondence
- Continual Management of Consortium Letters of Agency to maintain E-rate eligibility
- OCIO Financial Solutions Services for budget development and vendor service orders
- State Billing services for Network Nebraska Participation Fee and Interregional Transport
- Network Nebraska website (www.networknebraska.net) development and support
- Staff support for the Network Nebraska-Education Advisory Group
- Informational presentations about Network Nebraska, upon request

Network Nebraska—Education Participant Report (Part 1- PUBLIC Entities) July 1, 2012

Neb. Rev. Stat. 86-5,100 (excerpt) Network Nebraska; development and maintenance; access; Chief Information Officer; duties; cost; report.

The Chief Information Officer shall provide access to each school district, each educational service unit, each community college, each state college, and the University of Nebraska at the earliest feasible date and no later than July 1, 2012. Access may be provided through educational service units or other aggregation points. Participation in Network Nebraska shall not be required for any educational entity.*

*Note “Access” was defined by the Chief Information Officer as the ability to connect via Ethernet to one of the Network Nebraska—Education core aggregation points.

SUMMARY: Network Nebraska—Education PUBLIC K-20 Participants, as of 7/1/2012:

219 of 252 public school districts	(87%)
15 of 17 Educational Service Units	(88%)
8 of 8 community colleges	(100%)
3 of 3 state colleges	(100%)
1 of 1 University of Nebraska	(100%)

Network Nebraska—Education Participant Report (Part 2- NON-PUBLIC Entities) July 1, 2012

Neb. Rev. Stat. 86-5,100 (excerpt) Network Nebraska; development and maintenance; access; Chief Information Officer; duties; cost; report.

*The network shall consist of contractual arrangements with providers to meet the demand of state agencies, local governments, **and educational entities** as defined in section [79-1201.01](#).*

Neb. Rev.Stat. 79-1201.01 (excerpt) Terms, defined.

*3) **Educational entity** means a school district, a private, denominational, or parochial school, an educational service unit, a community college, a state college, the University of Nebraska, or a nonprofit private postsecondary educational institution;*

SUMMARY: Network Nebraska—Education NON-PUBLIC K-20 Participants, as of 7/1/2012:

4 of 213 private, denominational or parochial schools	(2%)
6 of 14 nonprofit private postsecondary educational institutions	(43%)

Appendices available upon request from the Office of the CIO, 402-471-7969, tom.rolfes@nebraska.gov :

Appendix A—PUBLIC K-12 Entity Participant List (districts and ESUs)
Appendix B—PUBLIC Higher Education Entity Participant List
Appendix C—PUBLIC K-12 Non-Participant List (districts and ESUs)
Appendix D—PUBLIC Higher Education Non-Participant list

Appendix E—NON-PUBLIC K-12 Participant List
Appendix F—NON-PUBLIC Higher Education Participant List
Appendix G—NON-PUBLIC K-12 Non-Participant list
Appendix H—NON-PUBLIC Higher Education Non-Participant list

	B	C	D	E	F	G	H	I	J	
1	Network Nebraska DRAFT Participation Fee FY2013				Cost Recovery Period					
2										
3	Date of Last Revision: June 15, 2012	Units	# of Payments Per Year	Price	Cost	Life Cycle	Annualized Cost	FY2012 Subtotals		
4	master lease interest rate							2.0%		
5	Equipment:									
6	Router -- Grand Island (Year 1 of 5)	0.85	1	\$ 126,727	\$107,718	5	\$22,657		NU	
7	Router -- Lincoln (Year 1 of 5)	0.00	1	\$ 157,059	\$0	5	\$0		NU	
8	Router -- Omaha UNMC (Year 1 of 5)	0.80	1	\$ 104,515	\$83,612	5	\$17,586		NU	
9	Router -- Omaha 1623 Farnam (Year 1 of 5)	0.85	1	\$ 121,208	\$103,027	5	\$21,670		NU	
10	Router -- Omaha UNO/PKI (Year 1 of 5)	0.85	1	\$ 99,749	\$84,787	5	\$17,834		NU	
11	Router -- Scottsbluff (Year 1 of 5)	0.50	1	\$ 30,628	\$15,314	5	\$3,221		NU	
12	Procera Traffic Shaper - OMA/1623 Farnam (Year 1 of 5)	1	1	\$ 51,370	\$51,370	5	\$10,805		NU	
13	Network Upgrade Project	1	1	\$ 37,516	\$37,516	1	\$37,516		NU	
14	Fiber Distribution Panel (24-strand)--OMA/1623 Farnam	0.5	1	\$ 2,116	\$1,058	1	\$1,058		NU	
15	Ciena 10Gbps Power Adapter Module for OMA/1623 Farnam	1	1	\$ 146	\$146	1	\$146		NU	
16	Ciena 10Gbps Card for OMA/1623 Farnam to UNMC	1	1	\$ 41,156	\$41,156	1	\$41,156	\$173,648	NU	
17	MCU -- Shared Service (12 ports @ \$372/year)	12	1	\$ 372	\$4,464	1	\$4,464		OCIO	
18	Network Switch -- Grand Island (Year 5 of 5)	1	1	\$ 5,000	\$5,000	5	\$1,052		NU	
19	Subtotal							\$179,164		
20	Equipment Maintenance:									
21	Router Maintenance -- Grand Island (Year 1 of 4)	0.85	1	\$ 12,355	\$10,502	1	\$10,502		NU	
22	Router Maintenance -- Lincoln (Year 1 of 4)	0.00	1	\$ 14,335	\$0	1	\$0		NU	
23	Router Maintenance -- Omaha UNMC (Year 1 of 4)	0.80	1	\$ 12,355	\$9,884	1	\$9,884		NU	
24	Router Maintenance -- Omaha 1623 Farnam (Year 1 of 4)	0.85	1	\$ 12,456	\$10,588	1	\$10,588		NU	
25	Router Maintenance -- Omaha UNO/PKI (Year 1 of 4)	0.85	1	\$ 12,254	\$10,416	1	\$10,416		NU	
26	Router Maintenance -- Scottsbluff (Year 1 of 4)	0.50	1	\$ 9,468	\$4,734	1	\$4,734		NU	
27	Network Switch -- Grand Island	1	1	\$ 334	\$334	1	\$334		NU	
28	Packet Shaper Maintenance - UNO/1623 Farnam	1	1	\$ 9,245	\$9,245	1	\$9,245		NU	
29	Probe Maintenance - Grand Island	0.4	1	\$ 10,690	\$4,276	1	\$4,276		NU	
30	Probe Maintenance - Lincoln	0.3	1	\$ 3,090	\$927	1	\$927		NU	
31	Probe Maintenance - UNO/PKI	0.3	1	\$ 7,084	\$2,125	1	\$2,125		NU	
32	Proximity Maintenance for CP Access System (5 cameras)	0.5	1	\$ 83	\$42	1	\$42		NU	
33	Lifesize Passport Codec Maintenance (Year 2 of 3)	1	1	\$ 820	\$820	3	\$282		NU	
34	Semi-annual service on Generator at CP	0.5	1	\$ 795	\$398	1	\$398		NU	
35	Subtotal							\$63,752		
36	Software									
37	Dorado RedCell Purchase (Year 3 of 5)	0.5	1	\$ 81,000	\$40,500	5	\$8,518		NU	
38	iWatch System & install to monitor College Park generator	0.5	1	\$ 7,332	\$3,666	1	\$3,666		NU	
39	Access Control System Software Upgrade & License	0.5	1	\$ 5,407	\$2,704	1	\$2,704		NU	
40	Subtotal							\$14,888		
41	Software Maintenance:									
42	Ngenious Mgr Maintenance	0.5	1	\$ 7,820	\$3,910	1	\$3,910		NU	
43	Stat Seeker Maintenance	0.5	1	\$ 5,000	\$2,500	1	\$2,500		NU	
44	Dorado RedCell Maintenance	0.5	1	\$ 15,000	\$7,500	1	\$7,500		NU	
45	RedHat Enterprise Linux Software Maintenance	0.5	1	\$ 723	\$362	1	\$362		NU	
46	i.Support Licenses	0.25	1	\$ 3,300	\$825	1	\$825		NU	
47	Keyscan Software K-web for CP	0.5	1	\$ 365	\$183	1	\$183		NU	
48	College Park Camera Software Licensing	0.5	1	\$ 99	\$50	1	\$50		NU	
49	Subtotal							\$15,329		
50	Staff Support -- University of Nebraska									
51	UNCSN Support Team	1	1	\$ 180,000	\$180,000	1	\$180,000		NU	
52	Network Engineer/Team Lead									
53	Network Engineers (Est. FTE of 2.0)									
54	Network Operators (24/7)									
55	Administrative Assistant									
56	Accountant									
57	Training	1	1	\$ 1,875	\$1,875	1	\$1,875		NU	
58	Travel	1	1	\$ 5,000	\$5,000	1	\$5,000		NU	
59	Subtotal							\$186,875		
60	Staff Support -- Office of the CIO (Network Services)									
61	Network Services Team (including benefits)	0.1	12	\$ 6,230	\$7,475	1	\$7,475		OCIO	
62	Travel/Videoconferencing	1	1	\$ 500	\$500	1	\$500		OCIO	
63	Subtotal							\$7,975		
64	Staff Support -- Nebraska Dept of Ed (E-rate Services)									
65	State E-rate Coordinator	1	4	\$ 4,500	\$18,000	1	\$18,000		NDE	
66	Travel	1	1	\$ 500	\$500	1	\$500		NDE	
67	Subtotal							\$18,500		
68	Other:									
69	SEGP	1	1	\$ 36,000	\$36,000	1	\$36,000		NU	
70	Expand wiring closet at G.I. (Year 4 of 5)	0.5	1	\$ 15,422	\$7,711	5	\$1,622		NU	
71	VM Servers to run DNS and LDAP Directory Services	2	1	\$ 250	\$500	1	\$500		NU	
72	iPerf Traffic Testing Appliances for core aggregation points	5	1	\$ 1,700	\$8,500	1	\$8,500		NU	
73	Electrical work at College Park wiring closet	0.5	1	\$ 1,395	\$698	1	\$698		NU	
74	College Park UPS Devices (2)	0.5	1	\$ 6,522	\$3,261	1	\$3,261		NU	
75	Generator Install/Labor at College Park	0.5	1	\$ 13,035	\$6,518	1	\$6,518		NU	
76	Network Nebraska Toll-Free Number	1	1	\$ 433	\$433	1	\$433		NU	
77	Wiring Closet Rental at G.I.	0.5	1	\$ 7,500	\$3,750	1	\$3,750		NU	
78	Proximity access system (Year 4 of 5)	0.5	1	\$ 11,164	\$5,582	5	\$1,174		NU	
79	Automatic Notification System (WARN)	1	1	\$ 600	\$600	1	\$600		NU	
80	Website Redesign - estimated 50 hours	50	1	\$ 50	\$2,500	1	\$2,500		OCIO	
81	Omaha Server Room Expansion (Year 3 of 5)	1	1	\$ 20,000	\$20,000	5	\$4,207		NU	
82	Subtotal							\$69,762		
83	Sub Total						\$556,244	\$556,244		
84	Estimated Loss from FY2009 (Cash Basis)	0	1	\$5,372	\$0	2	\$0			
85	Estimated Loss from FY2008 (Cash Basis)	0	1	\$148,652	\$0	3	\$0			
86	Indirect Cost Allocation (Interregional Transport Fee)	7%	1	\$183,110	\$12,818	1	\$12,818			
87	Indirect Cost Allocation (Participation Fee)	7%	1	\$556,244	\$38,937	1	\$38,937			
88								\$51,755		
89	Total						\$607,999	\$607,999		
90	Projected Units of Sale						249			
91	Annual Cost Per Unit						\$ 2,441.76			
92	Monthly Cost Per Unit	12 months					\$ 203.48			
93	Total Projected Revenue						\$ 607,999			
94	NOTE: Major cost considerations for FY 2012-2013 are highlighted in yellow.									

	A	B	C	D	E	F	G
1	Network Nebraska Interregional Transport Fee FY 2013				Cost Recovery Period		
2							
3	Date of Last Revision: May 18, 2012	Units	# of Payments Per Year	Price	Cost	Life Cycle	Annualized Cost
4							
5	master lease interest rate						2.0%
6							
7	Hardware:						
8					\$0	1	\$0
9							
10	Software:						
11					\$0	1	\$0
12							
13	Labor Costs:						
14					\$0	1	\$0
15							
16	Backbone Transport Circuit Costs (See Footnote)						
17	Lincoln to Grand Island, 1700Mbps NebraskaLink	1	12	\$3,600.00	\$43,200.00	1	\$ 43,200.00
18	Grand Island to Omaha, 1700Mbps NebraskaLink	1	12	\$2,200.00	\$26,400.00	1	\$ 26,400.00
19	Grand Island to Scottsbluff, 1700Mbps NebraskaLink	1	12	\$2,150.00	\$25,800.00	1	\$ 25,800.00
20	Scottsbluff to Omaha, 1700Mbps NebraskaLink	1	12	\$2,200.00	\$26,400.00	1	\$ 26,400.00
21	Lincoln to Omaha, 1700Mbps State Disaster Recovery Fiber	1	12	\$0.00	\$0.00	1	\$ -
22							
23							
24							
25	Routing & Aggregation Circuits (See Footnote)						
26	Omaha, 300Mbps (CenturyLink QMOE)	1	12	\$2,761.60	\$33,139.20	1	\$ 33,139.20
27	Grand Island, 300 Mbps (Charter Business)	1	12	\$2,347.55	\$28,170.60	1	\$ 28,170.60
28							
29	Other:						
30							
31							
32	Total						\$ 183,109.80
33							
34	Projected Units of Sale						249
35							
36	Annual Cost Per Unit (Pre Erate)						\$735.38
37	Monthly Cost Per Unit (Pre Erate)						\$ 61.28
38	Net Monthly Cost Per K-12 Unit (Post Erate)						\$ 18.67
39	Footnote						
40	Network Costs include NUSF						
41							
42							
43	FY 2013 E-RATE CALCULATIONS				Total Units	K-12 Units	H.E. Units
44					249	231	18
45	Form 471 Certification Results		3/20/2012	Cost Recovery Formula	Annual	Monthly	Total
46	Total Funding Year pre-cost allocation amount		\$ 183,109.80	Higher Ed Contributions	\$ 735.38	\$ 61.28	\$ 13,236.85
47	Total Annual Cost Allocation for Higher Education		\$11,909.58				
48	Total Funding Year pre-discount amount		\$ 171,200.22				
49	Total Funding Commitment Request (69%)		\$ 118,128.15	E-rate		\$ 42.61	\$ 118,128.15
50				K-12 (post erate)		\$ 18.67	\$ 51,744.80
51	Total Budgeted Amount allocated to resources not eligible for Erate		\$ 539,136.00	K-12 Contributions			\$ 169,872.95
52	Total amount necessary for the applicant to pay the non-discount share		\$ 539,136.00	TOTAL			\$ 183,109.80
53							
54	INTERREGIONAL TRANSPORT FEE, 2007-PRESENT						
55					Total		
56	Performance Year		K-12 Monthly	Higher Education Monthly	# entities	Comments	
57	2007-08		\$ -	\$ -	94	(No backbone in service)	
58	2008-09		\$ 34.21	\$ 93.35	182	(State RFP 1752)	
59	2009-10		\$ 34.48	\$ 92.72	232		
60	2010-11		\$ 36.45	\$ 115.78	226	(1 entity, 1 fee structure)	
61	2011-12		\$ 31.69	\$ 101.09	246		
62	2012-13		\$ 18.67	\$ 61.28	249	(State RFPs 3827, 3886)	

Statewide Internet Contract Purchases, Contract 51026(04)

7/1/2012-6/30/2013

Education Entity	Billed Entity Number	Premise Address	City	NN Aggregation Point	2012-13 Unit Cost		2012-13 Monthly Cost	2012-13 Annual Cost	2012-13 Post		
					2012-13 Quantity (Mbps)	(\$/Mbps/mon h)			E-rate Cost (\$/Mbps/mon th)	2012-2013 Monthly Invoice	2012-2013 Annual Invoices
Educational Service Unit 02 (NNNC)	138244	2320 N. Colorado	Fremont	Omaha	1000	\$ 2.55	\$ 2,550.00	\$ 30,600.00	\$ 0.7905	\$ 790.50	\$ 9,486.00
Educational Service Unit 05 (SNDLC)	138331	900 W. Court Street	Beatrice	Omaha	300	\$ 2.55	\$ 765.00	\$ 9,180.00	\$ 0.7905	\$ 237.15	\$ 2,845.80
Educational Service Unit 09	138852	1117 E. South Street	Hastings	Lincoln	350	\$ 2.55	\$ 892.50	\$ 10,710.00	\$ 0.7905	\$ 276.68	\$ 3,320.10
Educational Service Unit 10 (GNENC)	138783	76 Plaza Boulevard	Kearney	G.I.	980	\$ 2.55	\$ 2,499.00	\$ 29,988.00	\$ 0.7905	\$ 774.69	\$ 9,296.28
ESU 10 Partner Entities	NA	76 Plaza Boulevard	Kearney	G.I.	12	\$ 2.55	\$ 30.60	\$ 367.20	\$ 2.5500	\$ 30.60	\$ 367.20
Grand Island Public Library-new 2011-12 client	138719	211 N. Washington Street	Grand Island	G.I.	30	\$ 2.55	\$ 76.50	\$ 918.00	\$ 0.7905	\$ 23.72	\$ 284.58
Grand Island Public Schools	138718	123 S. Webb Road	Grand Island	G.I.	141	\$ 2.55	\$ 359.55	\$ 4,314.60	\$ 0.7905	\$ 111.46	\$ 1,337.53
Kearney Public Schools	138779	310 W. 24th Street	Kearney	G.I.	30	\$ 2.55	\$ 76.50	\$ 918.00	\$ 0.7905	\$ 23.72	\$ 284.58
Lexington Public Schools	138789	1610 N. Washington	Lexington	G.I.	150	\$ 2.55	\$ 382.50	\$ 4,590.00	\$ 0.7905	\$ 118.58	\$ 1,422.90
Lincoln Public Schools (ESU 18)	138458	5901 O Street	Lincoln	Lincoln	1000	\$ 2.55	\$ 2,550.00	\$ 30,600.00	\$ 0.7905	\$ 790.50	\$ 9,486.00
McCook Public Schools	138925	700 W. 7th Street	McCook	G.I.	100	\$ 2.55	\$ 255.00	\$ 3,060.00	\$ 0.7905	\$ 79.05	\$ 948.60
North Platte Public Schools	138971	301 W. F Street	North Platte	G.I.	44	\$ 2.55	\$ 112.20	\$ 1,346.40	\$ 0.7905	\$ 34.78	\$ 417.38
University of Nebraska (on behalf of colleges)	NA	901 N. 17th	Lincoln	Lincoln	527	\$ 2.55	\$ 1,343.85	\$ 16,126.20	\$ 2.5500	\$ 1,343.85	\$ 16,126.20
College of St. Mary-new 2011-12 client	NA	7000 Mercy Rd	Omaha	Omaha	36	\$ 2.55	\$ 91.80	\$ 1,101.60	\$ 2.5500	\$ 91.80	\$ 1,101.60
Midland University-new 2011-12 client	NA	820 N Irving Street	Fremont	Omaha	200	\$ 2.55	\$ 510.00	\$ 6,120.00	\$ 2.5500	\$ 510.00	\$ 6,120.00
TOTAL					4900	\$ 2.55	\$ 12,495.00	\$ 149,940.00		\$ 5,237.06	\$ 62,844.75
Aggregation-					Omaha	1336					
Aggregation-					Lincoln	2077					
Aggregation-					Grand Island	1487					
						4900					

Unite Private Networks

SPIN 143029868
 Stuart Howerter
 stuart.howerter@upnllc.com
 402-802-9750 (office)
 402-617-3544 (mobile)
 4201 Southgate Blvd
 Lincoln, NE 68506

\$2.80/Mbps if 2000Mbps or greater
 \$2.75/Mbps if 2500Mbps or greater
 \$2.70/Mbps if 3000Mbps or greater
 \$2.65/Mbps if 3500Mbps or greater
 \$2.60/Mbps if 4000Mbps or greater
\$2.55/Mbps if 4500Mbps or greater
 \$2.50/Mbps if 5000Mbps or greater

Cost Allocation	Mbps	Total Monthly	Annual	Revenue
K-12	4125	\$ 10,518.75	\$ 126,225.00	\$ 39,129.75
H.E.	775	\$ 1,976.25	\$ 23,715.00	\$ 23,715.00
Total	4900	\$ 12,495.00	\$ 149,940.00	\$ 62,844.75
Projected E-rate Reimbursement				\$ 87,095.25
Grand Total of all Sources				\$ 149,940.00

<p>NITC Education Council Task Group Membership (See action item listing to decipher codes)</p>	<p>January 19, 2012 Lincoln Executive Building, Room 103 Lincoln, NE</p>
<p><u>Governance Task Group</u> Randy Schmailzl, Group Leader Terry Haack Bob Uhing Tip O'Neill</p> <p>Action Item Assignments</p> <ol style="list-style-type: none"> 1. N1A 2. N1B 3. N2A 4. N2B 5. D2 6. E1 7. 	<p><u>Emerging Educational Technologies Task Group</u> Steve Hamersky, Group Co-Leader Jeff Johnson, Group Co-Leader Clarke Chandler Lois Dietsch Leonard Hartman Yvette Holly Jeff Stanley</p> <p>Action Item Assignments</p> <ol style="list-style-type: none"> 1. D2 2. D4 3. 4. 5. 6. 7.
<p><u>Marketing Task Group</u> SuAnn Witt, Group Co-Leader Ed Hoffman, Group Co-Leader Mike Kozak Chuck Lenosky Mary Niemiec Steven Stortz</p> <p>Action Item Assignments</p> <ol style="list-style-type: none"> 1. N4C 2. N4D 3. D1 4. E1 (monitor and advise) 5. 6. 7. 	<p><u>Network Nebraska Services Task Group</u> Ken Clipperton, Group Co-Leader Ron Cone, Group Co-Leader John Dunning Lyle Neal John Stritt Bob Uhing</p> <p>Action Item Assignments</p> <ol style="list-style-type: none"> 1. N3 2. N4A 3. N4B 4. N4E 5. D3 6. D5 7.
<p>EC Members not assigned (0): Lyle Neal EC Voting Alternates not assigned (8): Gary Aerts, Jack Huck, Dennis Baack, Stan Carpenter, Dan Moser, Don Davis, Dan Navrkal, Wayne Bell EC Members/Alternates on more than one group (1): Bob Uhing</p>	

Network Nebraska Action Items (2012-2014)

1. Identify Tier II communities that offer opportunities for aggregation for services onto the network.

N1a Action: The CAP will work with communities that express an interest in aggregating their public sector data transport.

Lead: Network Nebraska (CAP)

Participating Entities: Specific communities, NITC Education Council, Nebraska League of Municipalities, Nebraska Association of County Officials, and public libraries

Timeframe: 2012-2014

Funding: No funding requested for this action item at this time.

Status: Continuation

N1b Action: Education entities will act as primary tenants to encourage the aggregation of data transport by community anchor institutions.

Lead: K-12 districts, ESUs, colleges/universities

Participating Entities: Specific communities, Office of the Chief Information Officer, NITC Education Council, Nebraska League of Municipalities, Nebraska Association of County Officials, and public libraries

Timeframe: 2012-2014

Funding: No funding requested for this action item at this time.

Status: New

2. The Chief Information Officer will continue the LB 1208 implementation by annually bidding infrastructure and connectivity ~~for new regions of participants~~ and developing the most cost-effective and efficient support structure possible for the statewide network.

N2a Action: The Network Nebraska network design/support team will develop a service level agreement with local and regional education entities in order to develop a cooperative support system for the statewide education network that will insure data transport and synchronous video reliability.

Lead: Network Nebraska (CAP)

Participating Entities: Network Nebraska—Education Advisory Group, ESU-NOC, Higher education entities, NITC Education Council

Timeframe: 2012-2014

Funding: No funding requested for this action item at this time.

Status: Continuation

N2b Action: The Chief Information Officer will annually update the State master purchase contracts for edge devices and monitor the local site purchases of such equipment in order to promote and encourage network equipment standardization.

Lead: Office of the Chief Information Officer

Participating Entities: Network Nebraska (CAP), ESU-NOC, Education Council

Timeframe: 2012-2014

Funding: No funding requested for this action item at this time.

Status: Continuation

3. Offer Internet I services to eligible network participants.

N3 Action: The CAP will accept new orders for Internet service and continue to aggregate purchasing demand to secure a more economical price for statewide Internet service.

Lead: Network Nebraska (CAP)

Participating Entities: Office of the Chief Information Officer, NITC Education Council, ESU-NOC, Higher Education Entities

Timeframe: 2012-2014

Funding: No funding requested for this action item at this time.

Status: Continuation

4. Prepare for the future of Network Nebraska as a statewide, multipurpose, high capacity, scalable telecommunications network that shall meet the demand of state agencies, local governments, and educational entities as defined in section 79-1201.01.

N4a Action: Develop appropriate participation criteria (e.g. type of entity, bandwidth expectations) and a differential catalog of services and fees for Network Nebraska to serve all network participants (i.e. public/nonpublic K-12, public/nonpublic higher education, public libraries, others).

Lead: Network Nebraska—Education Advisory Group

Participating Entities: Network Nebraska (CAP), NITC Education Council

Timeframe: 2012-2014

Funding: No funding requested for this action item at this time.

Status: Continuation with minor revisions

N4b Action: Charter a work group to research advanced network services for Network Nebraska participants.

Lead: Network Nebraska—Education Advisory Group,

Participating Entities: NITC Education Council, Network Nebraska (CAP)

Timeframe: 2012-2014

Funding: No funding requested for this action item at this time.

Status: Continuation

N4c Action: Annually reissue the Network Nebraska Marketing Survey and subsequent Report to help steer the strategic direction of Network Nebraska—Education.

Lead: Education Council Marketing Task Group

Participating Entities: Network Nebraska—Education Advisory Group.

Timeframe: 2012-2014

Funding: No funding requested for this action item at this time.

Status: Continuation

N4d Action: Annually update the Network Nebraska Marketing Plan.

Lead: Education Council Marketing Task Group

Participating Entities: Network Nebraska—Education Advisory Group.

Timeframe: 2012-2014

Funding: No funding requested for this action item at this time.

Status: Continuation

N4e Action: Develop and deploy an enterprise MCU bridging service for Network Nebraska participants.

Lead: Office of the Chief Information Officer

Participating Entities: Network Nebraska (CAP), Network Nebraska Advisory Group, ESU Coordinating Council, ESUs, higher education entities

Timeframe: 2012-2014

Funding: No funding requested for this action item at this time.

Status: New

N4f Action: Facilitate the implementation and training of IPv6 routing on a timely basis across all Network Nebraska entities.

Participating Entities: Network Nebraska (CAP), Office of the Chief Information Officer, Network Nebraska Advisory Group, ESU-NOC, higher education entities

Timeframe: 2012-2014

Funding: No funding requested for this action item at this time.

Status: New

Digital Education Action Items (2012-2014)

Promote the availability, distribution, and use of digital media throughout the Nebraska educational community.

D1 Action: Promote the usage of the National Repository for Online Courses (NROC) content by Nebraska educators.

Lead: ESU Coordinating Council

Participating Entities: NITC Education Council

Timeframe: 2012-2014

Funding: Some funding will be required to complete this action item.

Status: Continuation with minor revisions

D2 Action. Set a deadline, and establish standard(s) related to the deployment, administration and maintenance of content management systems by K-12 schools.

Lead: NITC Technical Panel

Participating Entities: ESU Coordinating Council, Distance Education Council, Nebraska Educational Telecommunications

Timeframe: 2012-2014

Funding: No funding is requested for this action item at this time.

Status: Continuation

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.

Lead: Nebraska Educational Telecommunications (NET) & ESU Coordinating Council

Participating Entities: Nebraska Department of Education, Education Council Services Task Group, ESU Instructional Materials Committee, Distance Education Council

Timeframe: 2012-2014

Funding: Considerable funding will be required to complete this action item.

Status: Continuation

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.

Lead: ESU Coordinating Council

Participating Entities: NITC Education Council, ESU Technology Affiliate Group

Timeframe: 2012-2014

Funding: Considerable funding will be required to complete this action item.

Status: Continuation with minor revisions

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.

Lead: Nebraska Department of Education (NDE) & ESU Coordinating Council

Participating Entities: ESU-NOC, ESU-iMAT

Timeframe: 2012-2014

Funding: Some funding will be required for this action item

Status: New

E-Government Action Item (2012-2014)

Promote the use of e-government to improve services and increase the efficiency and effectiveness of agencies.

E1 Action: Maintain the Education Portal on the State of Nebraska website.

Lead: Nebraska.gov (Nebraska Interactive LLC)

Participating Entities: Education Council

Timeframe: Ongoing

Funding: No funding requested for this action item at this time

Status: Continuation.

EDUCATION COUNCIL RECURRING MEETING PREFERENCE SURVEY, JULY 2012

Highest Priority = 1 >	1	2	3	4	5	6	7	8	9	10	Rating Average	Response Count
	3rd Monday of the month, AM	4.8% (1)	9.5% (2)	19.0% (4)	4.8% (1)	4.8% (1)	4.8% (1)	4.8% (1)	9.5% (2)	19.0% (4)	19.0% (4)	6.24
3rd Monday of the month, PM	4.8% (1)	9.5% (2)	23.8% (5)	19.0% (4)	4.8% (1)	4.8% (1)	4.8% (1)	9.5% (2)	9.5% (2)	9.5% (2)	5.14	21
3rd Tuesday of the month, AM	4.8% (1)	0.0% (0)	28.6% (6)	14.3% (3)	9.5% (2)	19.0% (4)	4.8% (1)	19.0% (4)	0.0% (0)	0.0% (0)	4.95	21
3rd Tuesday of the month, PM	9.5% (2)	4.8% (1)	0.0% (0)	28.6% (6)	19.0% (4)	14.3% (3)	4.8% (1)	9.5% (2)	4.8% (1)	4.8% (1)	5.14	21
3rd Wednesday of the month, AM	28.6% (6)	0.0% (0)	4.8% (1)	4.8% (1)	23.8% (5)	9.5% (2)	4.8% (1)	14.3% (3)	9.5% (2)	0.0% (0)	4.71	21
3rd Wednesday of the month, PM	4.8% (1)	9.5% (2)	9.5% (2)	4.8% (1)	9.5% (2)	19.0% (4)	9.5% (2)	4.8% (1)	14.3% (3)	14.3% (3)	6.10	21
3rd Thursday of the month, AM	4.8% (1)	23.8% (5)	9.5% (2)	4.8% (1)	9.5% (2)	14.3% (3)	23.8% (5)	0.0% (0)	4.8% (1)	4.8% (1)	4.90	21
3rd Thursday of the month, PM	19.0% (4)	9.5% (2)	0.0% (0)	4.8% (1)	14.3% (3)	4.8% (1)	14.3% (3)	19.0% (4)	14.3% (3)	0.0% (0)	5.38	21
3rd Friday of the month, AM	9.5% (2)	19.0% (4)	4.8% (1)	9.5% (2)	4.8% (1)	4.8% (1)	14.3% (3)	9.5% (2)	19.0% (4)	4.8% (1)	5.48	21
3rd Friday of the month, PM	9.5% (2)	14.3% (3)	0.0% (0)	4.8% (1)	0.0% (0)	4.8% (1)	14.3% (3)	4.8% (1)	4.8% (1)	42.9% (9)	6.95	21

Mathematical Preference:

3rd Wed of the Month, AM	#1
3rd Thu of the Month, AM	#2

NITC Education Council

2012-13 Meeting Schedule (Tentative based upon July 2012 preference survey)

<u>Date & Time</u>	<u>Location(s)</u>	<u>IVC?</u>
Thu, Aug 16, 1pm-3:30pm CT	Lincoln, State Capitol Room 1126	NO
Wed, Oct 17, 9am-12pm CT	Lincoln	NO
Wed, Dec 19, 9am-12pm CT	Multiple	YES
Wed, Feb 20, 9am-12pm CT	Multiple	YES
Wed, Apr 17, 9am-12pm CT	TBD	NO
Wed, Jun 19, 9am-12pm CT	TBD	NO
Wed, Aug 21, 9am-12pm CT	Multiple	YES

IVC = Interactive Video Conferencing