

## Network Nebraska-Education Historical Development [DRAFT]

### HISTORY

Legislative Bill 1208 (2006) was the impetus for the statewide network called Network Nebraska-Education, although much regional K-12, state, and University of Nebraska networking was in place prior to the bill. LB 1208 was co-introduced on January 18, 2006 by Senators Raikes, Pederson, Baker, and Stuhr. This bill embodied many of the recommendations contained in the final report of the Distance Education Enhancement Task Force, which met from July to December, 2005. (listed under Education Committee reports; 20MB, 103 pgs).

[http://nebraskalegislature.gov/pdf/reports/committee/education/LB689\\_2005.pdf](http://nebraskalegislature.gov/pdf/reports/committee/education/LB689_2005.pdf)

On 4/13/06, LB 1208 and LB 1208A were passed by the Legislature and were signed into law by the Governor (Search 'Final 1208' under the 99<sup>th</sup> Session; 72 pgs). [http://nebraskalegislature.gov/bills/search\\_past.php](http://nebraskalegislature.gov/bills/search_past.php)

The distance education improvement plan crafted by the legislature education committee was centered on three general principles. First, the plan recognized the responsibility of school districts, ESUs, and public postsecondary education institutions to make decisions related to participation in distance education. Second, the plan encouraged and incentivized the exchange of distance education courses using a statewide network, known as Network Nebraska. Third, the plan provided for statewide coordination through a new entity, the Distance Education Council (renamed ESU Coordinating Council, 7/1/08).

### MEMBERSHIP GROWTH

Major responsibility for the implementation of Network Nebraska was tasked to the State Office of the CIO, and assisted by the University of Nebraska Computing Services Network. An implementation plan was developed that would enable as many as 330 public K-12 and higher education entities to connect to the Network Nebraska backbone over a 3-year time period (i.e. summers of 2007, 2008, 2009). Below is a table showing the actual years, numbers of entities, and fees paid. The network is still expanding in membership, although the benchmark for having all public education entities connected was 7/1/2012. On that date, 100% of public higher education and 88% of K-12 entities had connected to the network with 252 total entities.

<u>Performance Year</u>	<u>Network Nebraska Participation Fee</u>	<u>Number of Entities</u>
<b>2012-13</b>	<b>\$203.48/month/entity</b>	<b>252 entities</b>
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

<u>Performance Year</u>	<u>Network Nebraska Interregional Transport Fee</u>	<u>Number of Entities</u>
<b>2012-13</b>	<b>\$18.67/month/K-12 entity (\$ 61.28/month/college)</b>	<b>252 entities</b>
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

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

## **GOVERNANCE & OVERSIGHT**

The Collaborative Aggregation Partnership (CAP) was formed in 2002 at the request of then-Lt. Governor Heineman, chair of the NITC. The charge to CAP was to find ways for the State of Nebraska and University of Nebraska to cooperate toward more affordable and efficient telecommunications. The first initiative, called the Scottsbluff Pilot Project, proved that large agencies could collaborate on common infrastructure initiatives. The CAP is comprised of staff from the three state agencies empowered to purchase and provide telecommunications services: State Office of the CIO, University of Nebraska Computing Services Network, and the Nebraska Educational Telecommunications Commission. Policy and constituent guidance is provided by staff from the Nebraska Department of Education, Public Service Commission, and the Nebraska Information Technology Commission.

In July 2009, the NITC Education Council chartered a new ad hoc group called the Network Nebraska Advisory Group (NNAG) to assist the State CIO in administering the network. The purpose of the NNAG was to assist the State of Nebraska Chief Information Officer in crafting the vision and strategic direction for Network Nebraska—Education based on the NITC Education Council marketing survey and Ad Hoc Education Advisory Group participant input. The NNAG is composed of eight members from K-12, eight members from higher education, and liaisons from the CAP entities responsible for the network. The NNAG elects its own co-chairs, one from K-12 and one from higher education.

## **SERVICES**

The first major service offering available to Network Nebraska-Education participants was Internet2 Sponsored Education Group Participation (SEGP), sponsored by the University of Nebraska. As a SEGP, every K-12 and non-research college and university connected to Network Nebraska-Education is also connected to approximately 66,000 other education entities in 42 other states through prioritized routing over a 100Gbps backbone. Network Nebraska-Education pays \$36,000 per year for SEGP status.

Additional Network Nebraska-Education services are offered in the areas of student learning opportunities, connectivity and transport, network management and monitoring, administrative and E-rate. A list of these services and benefits and many other Network Nebraska-Education documents are contained in the document archive:

<http://nitc.nebraska.gov/NNAG/documents.html> .