# 15

## YEARS IN REVIEW

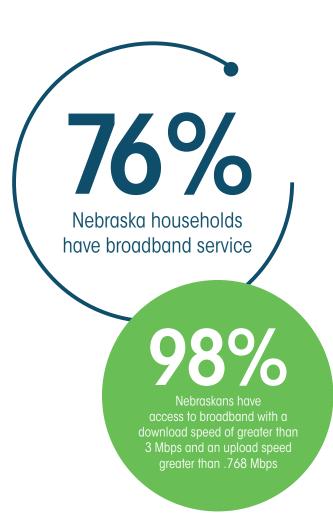**NITC** | Nebraska Information Technology Commission

The Legislature established the Nebraska Information Technology Commission (NITC) in 1998 to provide advice, strategic direction, and accountability on information technology investments in the state. Over the past 15 years, technology has radically changed the way we communicate, learn, shop, and conduct business. The NITC has been instrumental in helping the State of Nebraska adapt to this changing environment and leverage the power of information technology to more effectively deliver services.

This booklet highlights some of the NITC's strategic initiatives and collaborative projects, including Network Nebraska-Education, eHealth, Community IT Planning and Development, Geographic Information Systems, E-mail, and Enterprise Content Management (ECM). The NITC would like to thank all of our partners in these collaborative projects, commissioners, council members, and staff.

# CONTENTS

# COMMUNITY IT PLANNING & DEVELOPMENT

## 76%
### Nebraska households have broadband service

## 98%
Nebraskans have access to broadband with a download speed of greater than 3 Mbps and an upload speed greater than .768 Mbps
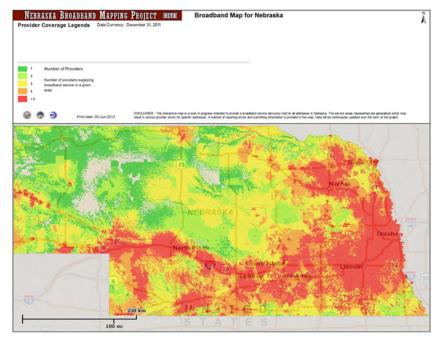
The NITC has long realized the importance of the adoption of Internet and broadband technologies, forming the Community Council in 1998. At that time, fewer than 40% of households had computers at home and fewer than 20% of households had dial-up Internet access at home.

Nebraska was one of the first states to involve communities in technology planning, an approach that has been modeled by the National Telecommunications and Information Administration's broadband mapping initiative. In 2002-2005, the NITC Community Council worked with over 20 Nebraska communities to develop technology plans. The plans led to the offering of Internet training classes in libraries, the development of community websites, the development of community technology centers, and greater broadband availability. Other collaborative projects with the University of Nebraska and the Nebraska Department of Economic Development (DED) have provided training in developing video and website content to enhance development efforts.

In 2010, the National Telecommunications and Information Administration awarded the Nebraska Public Service Commission approximately $5.6 million for broadband data collection, mapping and planning activities over a five-year period. The NITC Community Council is partnering with the University of Nebraska, the Nebraska DED, and the AIM Institute to implement the planning component of the broadband mapping grant. Project components include: Broadband Map, Broadband Conference, Best Practice Videos, Regional Planning, and Webinars.

The map from broadbandmap.nebraska.gov shows the number of broadband providers in Nebraska using data from Dec. 31, 2012.

## Broadband Map

A broadband map of Nebraska has been developed with information from telecommunications providers (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 second 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

Nineteen videos highlighting best practices in expanding broadband adoption have been produced and made available on www.youtube.com and broadband.nebraska.gov.
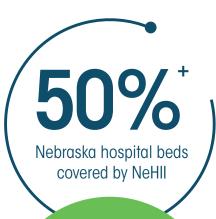
## Regional Planning

Regional planning teams have been formed to create regional plans. Focus groups have been convened to solicit input on broadband issues.

## Webinar

Up to four webinars are being offered each year of the grant to address broadband adoption and utilization.

# EHEALTH

**50%⁺**

Nebraska hospital beds covered by NeHII

**17ᵗʰ**

Nebraska's rank in e-prescribing by Surescripts

## Telehealth

The NITC's involvement in eHealth began in 1999 with the formation of the Telehealth Subcommittee of the NITC Community Council. Subcommittee members discussed the feasibility of leveraging existing telehealth systems to create a statewide telehealth network. The NITC facilitated efforts by stakeholders, including the Nebraska Hospital Association, Nebraska hospitals, UNMC, the University of Nebraska, Nebraska Public Service Commission, Nebraska Department of Health and Human Services, the Nebraska Information Network, and Nebraska telecommunications providers. By 2004, the Nebraska Statewide Telehealth Network

had secured support from the Nebraska Universal Service Fund administered by the Nebraska Public Service Commission and had begun testing connections. The Nebraska Statewide Telehealth Network became one of the most extensive telehealth networks in the country, connecting over 110 sites, including rural hospitals, regional medical centers, Omaha metropolitan hospitals, public health departments, and bioterrorism labs in Nebraska. Use of the Nebraska Statewide Telehealth Network has continued to grow with 2,000 clinical encounters conducted between Sept. 1, 2012 and January 31, 2013.
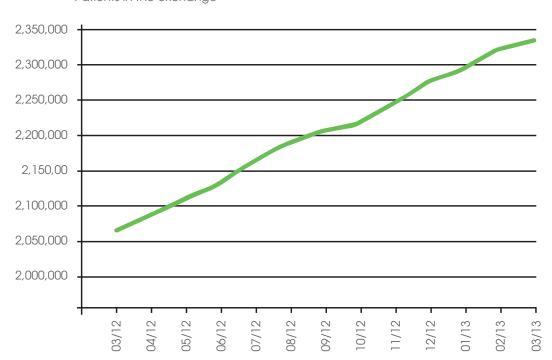
## Health Information Exchange

Recognizing the growing importance of eHealth technologies, the NITC approved the creation of the eHealth Council in 2007. The eHealth Council brought together stakeholders, including health information initiatives, health care providers and health systems, payers, consumers, and state and federal government to develop a vision for eHealth in Nebraska and to help coordinate efforts.

By 2009, health information exchange in Nebraska took a significant step forward with NeHII's pilot implementation with participating hospitals in the Omaha metropolitan area. At the end of 2009, NeHII had over 300 users.
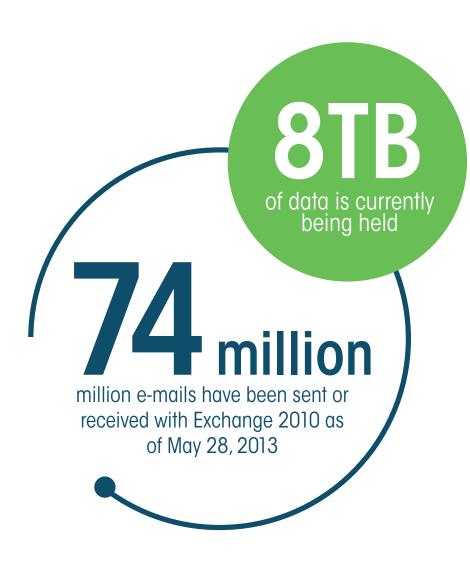
## NeHII demographics

Patients in the exchange



Health information exchange efforts received a further boost in 2010 when the NITC/Office of the CIO was awarded a $6.8 million State HIE Cooperative Agreement from the U.S. Department of Health and Human Services Office of the National Coordinator for Health IT funded through the HITECH ACT included within the American Recovery and Reinvestment Act. Funding from the State HIE Cooperative Agreement has helped NeHII expand to over 20 hospitals and 3,000 health providers. eBHIN (the Electronic Behavioral Health Information Network) also received funding from the State HIE Cooperative, going live with its HIE functionality in 2012 in Southeast Nebraska. 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.

# STATE GOVERNMENT E-MAIL

## 8TB
of data is currently being held

## 74 million
million e-mails have been sent or received with Exchange 2010 as of May 28, 2013

In the late 80's the State of Nebraska operated the bulk of its e-mail operations with IBM OfficeVision running on the mainframe platform VM/CMS. In the mid-1990s most agencies began migrations from OfficeVision to Lotus Notes.

By 2005 the State of Nebraska operated or used in excess of twenty-five e-mail systems. Each of these systems were being used, administered and maintained by different state agencies, commissions, and boards.

In 2006 a decision was made to centralize e-mail for the State of Nebraska. In the fall of 2007 work began to build and migrate all State agencies, Boards, and Commissions mailboxes to a centralized enterprise-wide Microsoft Exchange 2007 environment. Work was completed in early 2009.

# ON A TYPICAL BUSINESS DAY WITH EXCHANGE 2010, ROUGHLY 10,000 USERS LOG IN AND 500,000 MESSAGES ARE SENT AND RECEIVED.

By having one e-mail system the State of Nebraska realized many benefits, including:

- Cost savings of operating and maintaining one system versus twenty-five plus systems;

- One e-mail domain (@nebraska.gov) across the state;

- A single directory across the State for User IDs, Address Books, password policies;

- Standard naming conventions for e-mail address, resources, conference rooms;

- A physical infrastructure co-located at two separate sites for redundancy and high availability;

- Visible calendars to ease scheduling between state agencies;

- Reduced training requirements;

- Ability for users to recover deleted items themselves without administrative interaction;

- User ability to delegate permissions to other users (contacts, folders, calendars);

- Integration with Microsoft collaborative technologies including OCS and SharePoint; and

- Web and mobile access with same single ID/Password as client on internal workstations.

In August of 2012, mailboxes began moving to Exchange 2010. Roughly 5TB of data contained in 18,000 mailboxes was moved by December of that same year. Exchange 2010 offered additional functionality, including:

- 5GB mailboxes with room to grow to 25GB with no additional charge:

- Online mailbox moves;

- Retention Policies/Tags to help automate the deletion of e-mails following retention schedules;

- Improved OWA experience, side by side calendars, favorites in navigation pane;

- A virtualized infrastructure co-located at two separate sites;

- Mail Tips when composing e-mails; and

- User controlled distribution list membership and moderation.

# STATE GOVERNMENT ENTERPRISE CONTENT MANAGEMENT (ECM)

**42**

Solutions currently
being developed

**38**

Solutions deployed
in production

The State of Nebraska has implemented Enterprise Content Management (ECM) as a shared service utilizing Hyland's OnBase software. The ECM infrastructure has been applied in a VM (Virtual Machine) environment which allows for easy, quick and affordable scalability. All participating agencies are a part of monthly user group which approves upgrades, new processes, new procedures, standards and guidelines. The platform has allowed all of the participating agencies to improve their business practices and enhance manageability of their documents. Due to the success of the project, the new ECM platform was established as the statewide standard for any agency looking to deploy ECM.

The State negotiated an unlimited licensing agreement for Nebraska which allows the State to provide services very cost effectively to State agencies and the constituents they serve. The Enterprise Content Management Shared Service is funded through monthly user fees that cover the use of any and all of the system modules available, the use of the hosted infrastructure/ environment, as well as ECM software upgrades and support.

Through the ECM workflow engine, agencies better manage the status of each workflow in their business processes by using dashboards, notifications of pending information, timers and

email notifications. Cost savings are being gained through the reduction and elimination of printing charges, copying charges, postage charges, envelope charges, physical storage space, other software charges, staff efficiencies, and paper destruction charges.
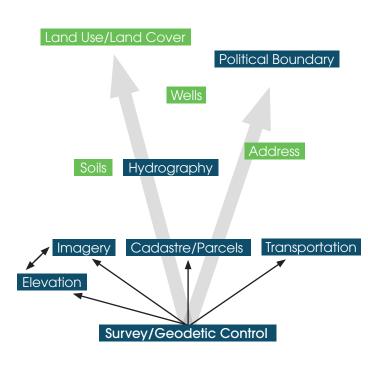
# AGENCIES USING ECM SHARED SERVICE

- Office of the Chief Information Officer
- Department of Health and Human Services
- Department of Environmental Quality
- Department of Labor
- Department of Roads

- Department of Revenue
- Department of Agriculture
- Department of Education
- Department of Nature Resources
- Secretary of State Records Management Division

- Secretary of State
- Department of Education
- Post-Secondary Education
- City of Lincoln
- Administrative Services
- Foster Care Review Board

# GEOGRAPHIC INFORMATION SYSTEMS (GIS)

## Nebraska Spatial Data Framework Layers

Land Use/Land Cover

Political Boundary

Wells

Address

Soils    Hydrography

Imagery    Cadastre/Parcels    Transportation

Elevation

Survey/Geodetic Control

State Framework Layers

Federal Framework Layers

→ Indicates direct dependencies between layers. All have spatial relationships.

Nebraska has a number of key strengths that have helped establish a strong geospatial/GIS enterprise. The three primary strengths are:

- The Nebraska GIS Council governance structure that promotes coordination and data sharing
- Nebraska Spatial Data Infrastructure (NESDI) framework data development and standards activities
- NebraskaMAP.gov data exchange

## Governance and Standards

The Nebraska GIS Council, originally called the Nebraska GIS Steering Committee, became an advisory committee to the NITC in 2008. The Geographic Information Systems (GIS) Council was originally established by the Legislature in 1991 (Reissued Revised Statutes of Nebraska, 1943, §86-569 through §86-573). The mission is to encourage the appropriate utilization of GIS technology and to assist organizations to make public investments in GIS technology and geospatial data in an effective, efficient, and coordinated manner. The Council also facilitates the acquisition of such technology at all levels of government and make recommendations to the Legislature for program initiatives and funding and the fostering of communications, training, and education.

The GIS Council has lead intergovernmental efforts leading to the development and formal adoption of geospatial related standards. Metadata standards have been developed specific to Nebraska needs while maintaining compliance with the metadata standards from the Federal Geographic Data Committee (FGDC). The Land Record Information and Mapping Standards were adopted on January 27, 2006. These standards provide guidelines for public entities responsible for maintaining property parcel maps. Additional standards are currently being developed for street centerlines, addresses, imagery, elevation, and data sharing.

## Nebraska Spatial Data Infrastructure (NESDI)

The NESDI consists of common geospatial and information data sets used by a majority of Nebraska stakeholders. They are authoritative and high quality geospatial data sets maintained by data stewards who continually maintain the data so they are reliable and readily available. These data sets are also part of a National SDI that has identified "7 framework" data layers that reflect the requirements of Federal stakeholders. They are:

- Survey/Geodetic control
- Transportation (roads, rail, air, etc.)
- Cadastre/parcels
- Elevation
- Aerial imagery
- Hydrography
- Political and administrative boundaries

The Nebraska SDI is defined to include the 7 "federal framework" layers as well as five additional layers that are of particular importance to Nebraska:

- Addresses
- Soils
- Groundwater Features
- Watershed boundaries
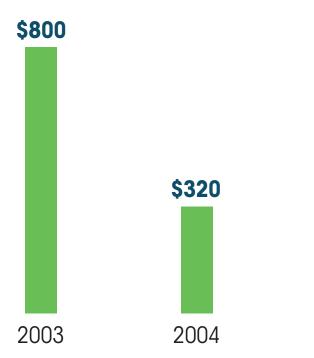- Land use/land cover

Business plans are currently underway for several facets to the NESDI, NebraskaMAP and technical assistance and education outreach. The NESDI effort includes prioritization on quality data stewardship and sharing of statewide land records (parcels), street centerline address database, imagery, and elevation data.

## NebraskaMAP.gov

The NebrakaMAP initiative incorporates all aspects of the enterprise approach to GIS development in Nebraska. It is the online data sharing platform for the state's authoritative spatial data infrastructure layers. The NebraskaMAP initiative began as a metadata portal in 2009 and currently provides more than 242 geospatial metadata files and access to server web mapping services for use in other state agency base map applications.

# NETWORK NEBRASKA-EDUCATION

Network Nebraska-Education is a partnership of entities from K-12 and higher education, public and private, which aggregate their purchases to provide a high-speed backbone, statewide Internet access, network management, equipment co-location, procurement services, E-rate filing and technical support. It currently has over 260 member entities that self-fund the network through a monthly Participation Fee and Interregional Transport Fee. It is the primary transport mechanism for web-based and video distance education, and rich media content distribution. Created in 2006 through Legislative Bill 1208, the State Office of the CIO, assisted by the University of Nebraska, manages this network.

## Of the 41 other statewide networks connected to Internet2, Network Nebraska has:

- One of the highest percentages of high speed copper and fiber-connected districts (98%+);
- Some of the highest bandwidth rates to rural areas (40Mbps - 100Mbps);
- One of the lowest unit costs for Internet access;
- One of the highest penetrations of IP videoconferencing technology;
- One of only a few statewide networks that are totally funded by the participants;
- One of the most intelligent and efficient data routing systems;
- One of the (if not THE) smallest numbers of paid FTE;
- One of the most cooperative network management environments with its education partners/customers;
- One of the most advanced clearinghouse and videoconferencing software systems;
- One of the most unique and collaborative environments where public and nonpublic, rural and urban education entities can participate equitably and affordably

**$800**

**$320**

**$175**

**$87**

**$55**

2003        2004        2005        2006        2007

# NETWORK NEBRASKA INTERNET ACCESS

## By the Numbers:

- $675,968 annual Participation Fee budget ($215.83/month/entity) for 2013-14

- $168,487 annual Backbone budget ($17.38/month/entity for K-12, $53.80/month/entity for higher education) for 2013-14

- ~3.25 FTE technical team

- Network Nebraska Advisory Group of 16 members

- Daily transport of 400+ high school and college video distance learning classes

- Daily transport of 10.7Gbps of commodity Internet, with an additional 3.0bps of Internet2 Commercial Peering Service for 2013-14

- Cost of Internet is $2.50/Mbps/month

## Participation (261 entities)

Network Nebraska—Education PUBLIC K-20 Participants, as of 7/1/2013:

- 224 of 252* public school districts (*unified districts as separate entities) ( 89%)

- 16 of 17 Educational Service Units    (94%)

- 8 of 8 community colleges (including 2 tribal colleges)    (100%)

- 3 of 3 state colleges    (100%)

- 1 of 1 University of Nebraska    (100%)

Network Nebraska—Education NON-PUBLIC K-20 Participants, as of 7/1/2013:

- 6 of 213 private, denominational or parochial schools    ( 3%)

- 7 of 14 nonprofit private postsecondary educational institutions    (50%)

**$38**
2008

**$15**
2009

**$6**
2010

**$6**
2011

**$2.50**
2012

# COST (AVERAGE $ PER MEGABIT/MONTH)

## 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.

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).

Prior to Network Nebraska (1992-2006), video distance education was provided by 12 separate consortia of school districts and ESUs that were isolated technologically from each other, with no interconnecting network.

## 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). The network is still expanding in membership, although the benchmark for providing "access" (the ability to connect) to all public education entities 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.

## 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 provide input to the State CIO. 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 the needs and requests of the participating entities. 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 nationwide backbone. Network Nebraska-Education pays $36,000 per year for SEGP status.

Although not a specific service provided by Network Nebraska-Education, the routing and scheduling of distance education courses is supported by the network engineers

that design the routing and maintain the integrity of data transported over Network Nebraska-Education. The number of video distance learning courses and virtual field trips has continually increased over time and are coordinated by the ESU Distance Education Advisory Committee (ESU-DEAC) on the Nebraska Virtual Instruction Clearinghouse (NVIS): http://nvis.esucc.org/.

Additional Network Nebraska-Education services are offered in the areas of student learning opportunities, connectivity and transport, network management and monitoring, administrative billing 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.

# HISTORY OF THE NITC

## 1997

- November 19 | The Nebraska Information Technology Commission ("NITC") is created by Executive Order 97-7. The Commission is formed to "provide direction and guidance in the area of allocating state resources for information technology infrastructure, and to develop a statewide vision and strategic information technology plan, and to present recommendations to the Governor and Legislature, as well as to provide assistance in setting statewide standards and guidelines…"

- December 16 | The NITC holds its first meeting with Lt. Governor Kim Robak as Chair.

## 1998

- January 5 | The State Government Council holds its first meeting. (A predecessor group known as the Information Resources Cabinet, established by Executive Order 96-1, had been meeting since 1996.)

- January 30 | The Community Council holds its first meeting.

- March 12 | The Education Council holds its first meeting.

- April 2 | The NITC is codified in state law with the enactment of LB 924. The Technical Panel is also created in LB 924.

## 1999

- February 24 | Lt. Governor Dave Maurstad chairs his first meeting of the NITC. The NITC recognizes the formation of the Telehealth Subcommittee of the Community Council.

- June 29 | The NITC approves the three Charters for the Community, Education and State Government Councils.

- July 13 | The Technical Panel holds its first meeting.

- August 30 | The NITC approves the Charter for the Technical Panel.

## 2000

- January 25 | The NITC adopts the first Statewide Technology Plan.

- December 1 | The Community Council meets with leadership of the University of Nebraska's Technology Across Nebraska Initiative to discuss how to partner and coordinate efforts.

## 2001

- October 31 | Lt. Governor Dave Heineman chairs his first meeting of the NITC.

## 2002

- April 11 | The Community Council, in partnership with Technologies Across Nebraska, begins working with over 20 Nebraska communities to develop technology plans over a three-year period.

# 2004

- September 9 | The NITC adopts the Video and Audio Compression Standard for Synchronous Distance Learning and Videoconferencing, a statewide collaborative effort.

- Nebraska Statewide Telehealth secures support from the NUSF and begins testing connections.

# 2005

- March 15 | At the request of the Governor, the NITC adds a nonvoting member to the Commission representing the Legislature. Lt. Governor Rick Sheehy chairs his first meeting of the NITC.

- June 3 | LB 645 establishes the Broadband Services Task Force, chaired by Lt. Governor Sheehy.

# 2006

- April 13 | The Legislature passes LB 1208, creating the "Network Nebraska" project. LB 1208 also amends the NITC membership statute by adding a new member to the Commission from the Distance Education Council (later amended to "Educational Service Unit Coordinating Council" by LB 603 in 2007) if certain conditions exist.

- November 22 | Broadband Services Task Force issues report.

# 2007

- February 1 | The Performance Audit Section of the Legislative Audit and Research Office initiates a performance audit of the NITC at the request of the Legislative Performance Audit Committee.

- February 22 | The NITC approves the creation of the eHealth Council.

- May 21 | The eHealth Council holds its first meeting.

- November 27 | The performance audit report prepared by the Performance Audit Section is released. The Section found that the NITC complied with the requirements of the Information Technology Infrastructure Act and that the NITC's project review process was sufficient to identify the strengths and weaknesses in proposed information technology projects. In 2008, LB 823 was introduced to address policy questions and resolve minor definitional issues raised by the report.

# 2008

- February 26 | The Nebraska GIS Council became an advisory committee to NITC

- March 10 | LB 823 enacts changes identified in the 2007 performance audit; establishes the Geographic Information Systems Council as an advisory council to the NITC; and provides for the NITC to create a workgroup on intergovernmental data communications (replacing the Intergovernmental Data Communications Advisory Council).

# 2009

- February 10 | NebraskaMAP metadata portal created.

# 2010

- March 3  |  LB 787 adds a nonvoting legislative liaison member of the Commission, codifying the position added in 2005.

- March 15  |  The U.S. Department of Health & Human Services Office of the National Coordinator for Health IT awards the NITC/Office of the CIO a $6.8 million grant to create a statewide health information exchange.

# 2012

- July 1  |  The Office of the CIO provides "access" to every public K-12 and higher education entity on Network Nebraska. Network Nebraska-Education interconnects 252 education entities.

- October 1  |  Comprehensive statewide geospatial/GIS strategic plan completed.

# 2013

- April 19  |  Lt. Governor Lavon Heidemann chairs his first meeting of the NITC.

# LOOKING FORWARD

As we celebrate the accomplishments of the NITC and the contributions of all of those involved in the NITC's work, we also realize that the work of the NITC is far from done. As technology continues its rapid pace of development, the State of Nebraska must continuously look for opportunities to leverage technology to reduce costs and deliver services more efficiently. Here is a list of some of the projects and challenges in which the NITC, its advisory groups, and partners will likely be involved:

## Community IT Planning and Development

- Completion of state and regional broadband plans
- Continued focus on helping communities utilize broadband

## Education K-20

- The growth and support of eLearning
- The procurement, storage, sharing and delivery of digital education resources
- Network Nebraska capacity keeping pace with the unquenchable demand for Internet
- The unknown effect that the redesign of the E-rate program will have on Network Nebraska

## eHealth

- Continued expansion of health information exchange through NeHII and eBHIN
- Improved access to personal health information by patients and greater patient engagement
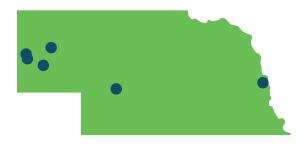- The use of direct secure messaging to transmit health information

## GIS

- A high-quality, maintained, and accurate Nebraska Spatial Data Infrastructure
- New and/or improved survey and geodetic control across the state
- Statewide seamless street centerlines and address referencing system including address points
- Statewide digitized cadastre/parcels for all counties
- High resolution imagery and elevation (LiDAR) data obtained on an ongoing basis
- Confidence in spatial data accuracy and quality to make complex analysis and decisions
- Updated NebraskaMAP enterprise platform to share data, maps, and GIS web services

## State Government

- Continued development of shared services
- Continued use of standards and guidelines to guide the deployment and use of technology by agencies
- Expanded utilization of server and desktop virtualization
- Provide better mobile browsing access and functionality for state government websites, including offering mobile apps when suitable
- Development of an overall security strategy, including policies, security awareness, and security infrastructure improvements
- Improved disaster recovery capabilities for information technology systems (as part of a broader business continuity planning effort)

# FUN FACTS

Nebraska has at least six gigabit communities: Omaha, North Platte, Gering, Scottsbluff, Alliance, and Bridgeport.

## 1st

Nebraska was one of the first states to involve communities in technology planning.

## 20 HOSPITALS + 3,000 HEALTH CARE PROVIDERS

Nebraska's lead health information exchange, NeHII, connects over 20 hospitals and 3,000 health care providers.
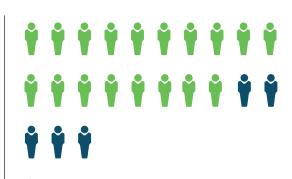
The Nebraska Statewide Telehealth Network is one of the most extensive telehealth networks in the country, connecting over 110 sites, including rural hospitals, regional medical centers, Omaha metropolitan hospitals, public health departments, and bioterrorism labs in Nebraska.

## 10,000

On a typical business day with Exchange 2010, roughly 10,000 users log in.

## 500,000

On a typical business day with Exchange 2010, roughly 500,000 messages are sent and received.

## 1.4 MILLION

Securemail e-mail encryption went live in November of 2008, currently is storing keys for 1.4 million e-mails total.
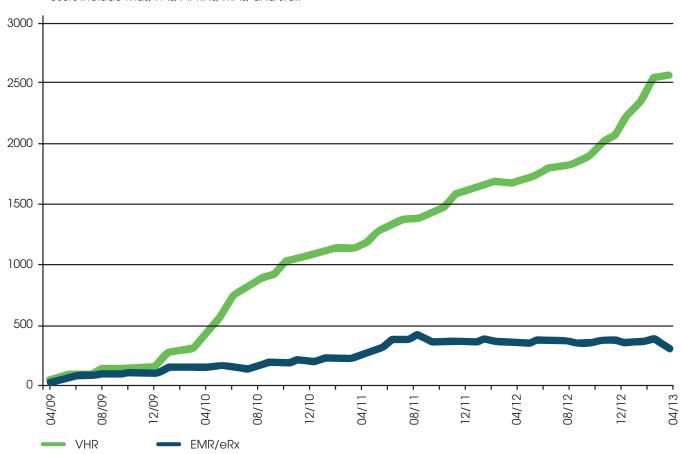
= 100,000 people    = Nebraska's population

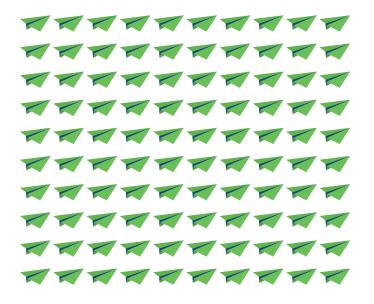The Nebraska Health Information Initiative (NeHII) has information on 2.3 million patients, half a million more patients than Nebraska's population of 1.8 million.

## NeHII total users*
*Users include Mds, PAs, APRNs, MAs, and staff



VHR    EMR/eRx
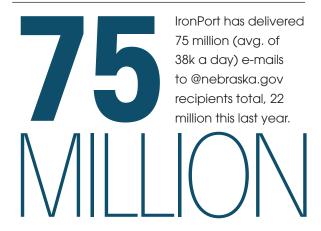


= 40,000 e-mails

Anti-SPAM has detected 4 million e-mails as spam, suspected spam, or marketing for @nebraska.gov total.

# 123 MILLION
IronPort has stopped 123 million connection attempts from poor reputation e-mail servers on the Internet this last year.

# 75 MILLION
IronPort has delivered 75 million (avg. of 38k a day) e-mails to @nebraska.gov recipients total, 22 million this last year.

**246 USERS**

SPAM quarantine went live in September of 2010, currently has 246 users and has blocked 250,000 e-mails from getting to user's mailboxes.

**1,767**
unique ECM keywords/search fields

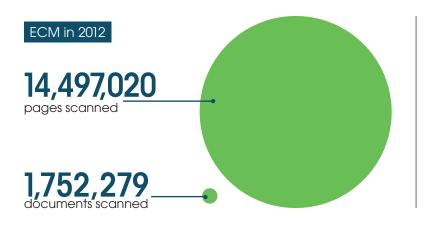**19,004,063 : 7.4 TB**
ECM documents stored

of storage

**1,526,663**
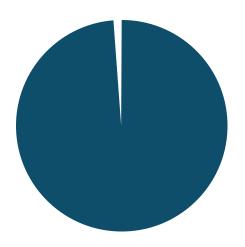electronic forms stored in 2012 with ECM

**22 ECM**
Production Servers

ECM

**9,868**
registered workstations connected in 2012

ECM in 2012

**14,497,020**
pages scanned

**1,752,279**
documents scanned

SERVING

**16,955 USERS**
Internal & External

**96%**

Nebraska has more than 96% of all government jurisdiction street centerlines digitized into a GIS.

The state currently has 95.8% of all parcels digitized in some form. Since 2005, more than $709,000 in grant assistance from the state has been given towards counties for this effort.

**400+**

Over 400 high school and college video distance learning classes are transported over Network Nebraska-Education.

= 1 educational entity

261 educational entities participate in Network Nebraska

# BUDGET REQUEST RECOMMENDATIONS & GRANT APPROVALS

## November 10, 1998 (Budget Requests Recommended)

ESU Administrators Association/Dept. of Education, include 37 school districts in distance education

Nebraska Dept. of Education, School Financing Reporting System Project

NETC-NEB*SAT, statewide interconnection project

ESU Administrators Association/Dept. of Education, replace .5 cent reduction in levies

NETC-NEB*SAT, Digital Switch Expansion Project

Metropolitan Community College/UNO, High speed connectivity project

NETC-NEB*SAT, Network 3 Digital Switch Project to replace VTEL MCU-II

Southeast Community College-Lincoln, Link SCC to 4 other locations to offer Surgical Technology Program

NETC-NEB*SAT, Ku-band Satellite System Project for educational programming, contingent upon approval of KU-band Technology

Nebraska Educational Telecommunications Commission, Replace aging traffic/scheduling software

NETC-NEB*SAT, Satellite Receiver-only Antennas Project to K-12 schools, contingent upon approval of KU-band Technology

Nebraska State College System, Purchase Resource 25 software for all three state college campuses

NETC-NEB*SAT, Network 3 System completion of modernization

University of Nebraska-Lincoln, Extended Education Project

University of Nebraska-Lincoln, University-wide Technology Plan

Tri-Valley/Southeast Nebraska Distance Learning Consortia, High speed video/audio/data link

## November 10, 1998 (Budget Requests Recommended) cont…

Little Priest Tribal College-Winnebago, Distance learning Center to connect to AITHEC

Central Community College-Grand Island, Build distance learning classrooms at 3 new locations

Western Nebraska Community College, Distance learning link between WNCC and Sidney High School

NETC-NEB*SAT, Help Desk staff expansion project    NETC-NEB*SAT, additional engineers/ technicians

NETC-NEB*SAT, equipment Satellite Internet Data System

NETC-NEB*SAT, Video on Demand

NETC-NEB*SAT, Digital Satellite MCPC Encoder Project, contingent upon approval of KU-band Technology

Health & Human Services, changes to Medicaid Management Information System, MMIS

State Patrol, Bar Coding of Evidence and Inventory

Department of Administrative Services, Nebraska Information System

Health & Human Services, Electronic Benefits Transfer

Nebraska Educational Telecommunications, Digital Television, DTV

Department of Water Resources, Geographic Information System

Nebraska Educational Telecommunications, Satellite Bandwidth Replacement

Public Employees Retirement System

State Fire Marshall, Token Ring/Training Division database/FLST enhancements

Health & Human Services, Trauma System

Department of Correctional Services, Corrections Tracking System

State Historical Society, Multi-MIMSY Collection Management

Natural Resources Commission, DOQQ to NAPP

State Patrol, Criminalistics Laboratory Information Management System

## November 10, 1998 (Budget Requests Recommended) cont…

State Patrol, Imaging System

State Patrol, Disaster Recovery and Protection System

State Patrol, Lotus Notes Forms Phase II

Department of Administrative Services, Risk Management Information System

Department of Administrative Services, State Affirmative Action System

Supreme Court - Court Automation

Supreme Court - Clerks Office Upgrade

Supreme Court - Probation Division

Supreme Court - Document Imaging

## September 9, 1998 (Grants Approved)

Dakota City Public Library, Dakota City Teleliteracy: Train the Trainers

City of South Sioux City, South Sioux City E-Commerce Initiative

City of Lincoln/Lancaster County, Project Interlinc

University of Nebraska, Roving Computer Lab and Training for NE Nebraska

Lincoln Area Agency on Aging, GOAL Computer Center

Partnership for Rural Nebraska, Nebraska Teleliteracy and Electronic Commerce Initiative

Chase County, Chase County Video Development

Southeast Nebraska Development District, Teletraining for Emergency Responders

Panhandle Area Development District, Capacity Building Communication and Cooperation

City of Superior, Business Incubator/Technology Project Dept. of Water Resources and Conservation and Survey Division - University of Nebraska - Water Well Registrations And Quality Control Of Surface Water Records

## September 9, 1998 (Grants Approved) cont…

Board of Parole - Feasibility Study for Automated "paperless" decision-making environment.)

Nebraska Wheat Board - Upgrade Electronic Communication Capability and Web Site

State Fire Marshal - Needs Assessment of the States Firefighting Organizations

Coordinating Commission for Postsecondary Education - Upgrade Network and Development of a Statewide Postsecondary Educational Facilities Database

Secretary of State - Records Management Division - State and Local Government Standards Development: Electronic Imaging, E-Mail, and Websites

Nebraska Corn Board - GIS Reporting System

Foster Care Review Board - Access to N-Focus; Conversion from Macintosh to IBM; Website; and Agency Access to NEIS, NAS and Budget

## February 24, 1999 (Grants Approved)

University of Nebraska, Nebraska Electronic Main Street Program

City of Wayne, NRICHN (NE Nebraska Regional Information Clearinghouse

## April 20, 2000 (Grants Approved)

Norfolk Public Library, Columbus Public Library, Northeast Nebraska Community College Library, ONE Library

Kearney Public Library, Public Internet Access Enhancement

Holdrege Public Library System, Public Library System Web Catalog

University of Nebraska Cooperative Extension, Center for Rural Community Revitalization, AIM Institute, Connecting Nebraska E-Business Project

Elmwood-Murdock Public Schools, Web Parent Teacher Project

## June 22, 2000 (Grants Approved)

IMServices - Lotus Notes Collaboration Research and Test Environment

IMServices - Generic Internet Licensing Application

UNL - Conservation and Survey Division - Creating Digital Access and Archiving of the Conservation and Survey Division Aerial Photography Collection

Crime Commission - NCJIS Enhancement

Fire Marshal - Web-Based Applications

Nebraska Arts Council E-granting conversion project

Dept. of Revenue - Common Business Identification Number

Volunteer Service Commission - Web Based Report System

## November 6, 2000 (Budget Requests Recommended)

Supreme Court, Payment of Traffic Tickets by Internet

Nebraska Educational Telecommunications Comm. (NETC), Remote Control Software

Secretary of State, County Website Project

Nebraska Community College System, Serving the Needs of Rural Nebraska

NETC, Add DS- 3, 45MB circuit connection at Grand Island and Kearney

NETC, Add additional DS , 3, 45MB circuit connection into NET

NETC, Extend DS- 3, 45MB to Scottsbluff

NETC, Add third CODEC at North Platte

Fire Marshal, Web Based Applications

Supreme Court, Productivity Enhancements

NETC, Add additional fiber optic channels between UNO & UNL/NET

NETC, Install NEB*SAT Network 3 Uplink dish at Valentine

## November 6, 2000 (Budget Requests Recommended) cont…

Supreme Court, Move Training and Documentation Online

NETC, Install NEB*SAT Network 3 Uplink dish at WNCC

Probation Administration, Client/Server Web Enabled Project

NETC, Add second CODEC at Columbus

NETC, Add DS- 3, 45 MB circuit connection at Wesleyan

Supreme Court, Courthouse Access to Court Information

Library Commission, Nebraska's e , Library: Content  Software portion of request.

Dept. of Roads, Preparation for Migrating to PC/WEB Application Development

Dept. of Roads, Implement a Capital Facilities Management System

Dept. of Roads, Implementation of Selected Recommendations from the 'NDOR GIS Strategic Plan'

Dept. of Roads, Upgrade the Department's Equipment Management System

Dept. of Roads, Upgrade the Department's Highway Maintenance Management System

Mid-Plains Community College Area, MPCCA Distance Learning Outreach & Classrooms

## April 25, 2001 (Grants Approved)

City of Aurora, Aurora Technology Center

Lower Platte North NRD, Common Framework for Integrating Surface Water Data

Bruun Memorial Public Library, Humboldt Public School Library, Table Rock-Steinauer School Library, Taking Resources and Information Online (TRIO)

Southeast Community College, Technology-Based Education for Health Occupations

Beatrice Public Library, Senior Connection

Commission for the Deaf and Hard of Hearing, Telehealth

Omaha Tribe of Nebraska, Omaha Tribe Online Information Technology Plan

## April 25, 2001 (Grants Approved) cont…

Village of Brainard, Brainard Community Technology Center

Kimball County Hospital Clinic, Integrated Practice Management and Electronic Medical Record Project

Village of Greeley, Greeley Learning and Technology Center

City of Lincoln, City of Lincoln Technology Infrastructure Audit

Central Community College, From Plowshares to PCs:  Creating a Learning Community

## October 31, 2001 (Grants Approved)

Dept. of Natural Resources (Multiple Agencies) - Creating a Common Framework for Integrating Surface Water Data

Library Commission - Value-Added Book Reviews

Office of the CIO - Security Assessment

IMServices - Enterprise Security Awareness Training

IMServices (Multiple Agencies) - Information Technology Support Tools Project

IMServices and Workers' Compensation Court - Enterprise Content Management Study

Assistive Technology Partnership - Workforce Investment Act Resource Centers

State Patrol - Mobile Data Computer (MDC) Project and Remote Terminal Server (RTS) Project

## April 30, 2002 (Grants Approved)

City of Ashland, Ashland Digital City Hall

Sarpy County, Sarpy County GIS Base Map

LaVista Public Library, Basic Scanning Classes

## April 30, 2002 (Grants Approved) cont…

Cherry County Hospital, Interactive Video/Distance Learning Network

Valley County Hospital, Interactive Video/Distance Learning Network

Omaha Public Library, Connect IT Omaha

City of Aurora, City of Aurora Utilities GIS

Central Community College, Sink or Swim-Educating the Rural Labor Pool

University of Nebraska Extension, Building Information Age Communities Planning Mini Grants

Franklin County Memorial Hospital, Electronic Archiving of Medical Records

City of South Sioux City, South Sioux City Wireless Municipal Area Network

## November 13, 2002 (Budget Requests Recommended)

Health and Human Services System ("HHSS"), HIPPA Project

Nebraska Educational Telecommunications Commission ("NET"), KLNE-TV NTSC Replacement Transmitter

NET, KMNE-TV NTSC Replacement Transmitter

Crime Commission, CJIS - Criminal Justice Integration and Automation

State Fire Marshal, FLST Web-Based Application - Phase II

HHSS, Convert Lincoln NSOB to Ethernet Topology

Workers Compensation Court, Extended Computer Automation Project

HHSS, Computer Hardware Renewal Policy and Program

NET, Phone System Replacement / Switch Upgrade

HHSS, Desktop Operating System Replacement

HHSS, Server Operating System Replacement

HHSS, CHARTS Project

## November 13, 2002 (Budget Requests Recommended) cont…

HHSS, NFOCUS Project

HHSS, Help Desk Call Tracking System

## March 24, 2003  (Grant Approved)

University of Nebraska Cooperative Extension, Technologies Across Nebraska, Nebraska Information Technology Commission Community Council, Building Information Age Communities Planning Mini Grants Year

## November 10, 2004 (Budget Requests Recommended)

Department of Education, Distance Learning-Infrastructure, Programming, and Training

University of Nebraska, University Enterprise Server Upgrade

Department of Roads, PioneerNET

Supreme Court, Trial Court Automation Strategy

Department of Administrative Services Chief Information Officer, Security Audit

Supreme Court, Install Personal Computers for Courts

Worker Compensation Court, Court Re-engineering-Coverage and Claims

Department of Roads,Project Scheduling & Program Management System

Workers Compensation Court, Court Re-engineering-Vocational Rehabilitation

## June 3, 2004  (Grant Approved)

University of Nebraska Cooperative Extension in cooperation with Technologies Across Nebraska and the Nebraska Information Technology Commission Community Council, Building Information Age Communities Planning Mini Grants Year 3

## September 9, 2004 (Grant Approved)

Office of the CIO - Security Assessment

## March 15, 2005 (Budget Requests Reconsidered & Recommended)

Workers Compensation Court, Court Re-engineering - Adjudication

## November 8, 2005 (Grants Approved)

Hartington Public Library, Expanding Technology Horizons

Atkinson Public Library, Hometown Competitiveness: Entrepreneurial Training

Wayne Public Library, Computer Course Development

City of Aurora, IT Businesses: Assessment, Marketing, Recruitment

UNL Extension in Burt County, Oakland Business Portal

## November 1, 2006 (Budget Requests Recommended)

Secretary of State, Election Night Reporting System

Secretary of State, NECVRS Hardware Replacement

Secretary of State, Enterprise Content Management System

Department of Banking, FACTS Migration

Department of Labor, Integration of Workforce Development Applications

DHHS, Access Nebraska

Department of Roads, Accident Records System

Workers' Compensation,  Court Courtroom Technology

## November 1, 2006 (Budget Requests Recommended) cont…

NET, Public Media Project - Phase

Administrative Services, Human Resources Talent

HHSS, New Medicaid Management Information System (MMIS)

NET, Final DTV Transmitter Conversion Project

University of Nebraska, Student Information System

Supreme Court, E-Filing in JUSTICE

Department of Education, Nebraska Transcript Project

Workers' Compensation Court, Court Re-engineering ,  Adjudication

Workers' Compensation Court, Court Re-engineering ,  Vocational Rehabilitation

Supreme Court, Digital Audio Recorders

HHSS, Laboratory Information Management System (LIMS)

Workers' Compensation Court, WCC Internet Enhancement and Security

NET, Public Media Archive and Distribution Project

NET, Public Media at the Capitol

## August 4, 2006  (Grant Approved)

University of Nebraska, Podcasting Across Nebraska

## June 27, 2007 (Grant Approved)

Office of the CIO - Nebraska Geospatial Data Sharing and Web Services Network

## November 27, 2007 (Grant Approved)

Office of the CIO - Vulnerability Threat Management

## November 27, 2007 (Budget Requests Recommended)

Nebraska State College System - Student Information Administrative System & University of Nebraska - Student Information System

## June 18, 2008 (Grant Approved)

University of Nebraska, Web Site Development for People Attraction

## September 29, 2009 (Grant)

NITC approval to apply for an eHealth grant on behalf of the State of Nebraska

## November 9, 2010 (Budget Requests Recommended)

NET, Satellite Replacement Project

## November 15, 2011 (Budget Requests Recommended)

Nebraska Public Employee Retirement System, Move to OCIO server room

## October 29, 2012 (Budget Requests Recommended)

Secretary of State, Rules & Regulations Filing & Approval Application

Secretary of State, Collections / Licensing Filing Application

Secretary of State, State Records Center, Web Application

Department of Agriculture, Paperless Inspections

Department of Insurance, Nebraska Exchange

Department of Labor, Electronic Content Management for UI Programs

Department of Labor, State Information Data Exchange System

DHHS, ACA IT Implementation

DHHS, ICD-10

DHHS, SMHP (State Medicaid Hit Plan)

DHHS, MMIS Replacement Study

DHHS, MMIS Replacement

DHHS, Medicaid Managed Care Expansion

DHHS, Behavioral Health Data System

NETC, Radio Transmission Replacement

NETC, Enterprise Uninterrupted Power Supply

NETC, Media Services Technology Project

NETC, NETC Facility Technical Corridor Redesign

NETC, Facility Routing Project

Crime Commission, Criminal Justice Information System

# MEMBERSHIP ROSTER

## Commissioners:

**Lieutenant Governor Lavon Heidemann**
Chair

**Senator Dan Watermeier**
(non-voting)

**Pat Flanagan**
Manager-Solution Delivery
PM Managed Services-CoSentry, LLC

**Donna Hammack**
Chief Development Officer
Saint Elizabeth Foundation

**Lance Hedquist**
City Administrator
South Sioux City

**Dr. Dan Hoesing**
Superintendent
Schuyler Community Schools

**Mike Huggenberger**
Director-Netlink
Great Plains Communications

**Doug Kristensen**
JD, Chancellor
University of Nebraska-Kearney

**Brad Moline**
President and CEO
Allo Communications

**Dan Shundoff**
President and CEO
Intellicom

## Staff:

**Brenda Decker**
Chief Information Officer

**Rick Becker**
Government IT Manager

**Tom Rolfes**
Education IT Manager

**Anne Byers**
Community IT Manager

**Nathan Watermeier**
GIS Council Coordinator

**Lori Lopez Urdiales**
Administrative Assistant

# MEMBERSHIP ROSTER: ADVISORY GROUPS

## Community Council Members:

**Chris Anderson**
City of Central City

**Rod Armstrong**
AIM Institute

**Tim Erickson**
AIM Institute (alternate)

**Brett Baker**
City of Seward

**Norene Fitzgerald**

**Phil Green**
City of Blair

**Darla Heggem**
Twin Cities Development,
Scottsbluff-Gering

**Joan Modrell**
Nebraska Department of Labor

**Jerry Vap**
Nebraska Public Service Commission

**Gene Hand**
Nebraska Public Service Commission
(alternate)

## Education Council Members:

**Dr. Terry Haack, Co-Chair**
Bennington Public Schools

**Ed Hoffman, Co-Chair**
Nebraska State College System

**Mike Carpenter**
Doane College

**Clark Chandler**
Nebraska Wesleyan University

**Matt Chrisman**
Mitchell Public Schools

**Brenda Decker**
Nebraska Department of
Administrative Services

**John Dunning**
Wayne State College

**Brent Gaswick**
Nebraska Department of Education

**Stephen Hamersky**
Daniel J. Gross Catholic High School

**Dr. Marshall Hill**
Coordinating Commission for
Postsecondary Education

**Yvette Holly**
University of Nebraska-Medical Center

**Jeff Johnson**
Centennial Public Schools

**Dr. Mike Lucas**
York Public Schools

**Lyle Neal**
Southeast Community College

**Gary Needham**
ESU 9

**Mary Niemiec**
University of Nebraska

**Randy Schmailzl**
Metropolitan Community College

**Jeff Stanley**
Conestoga Public Schools

**Gary Targoff**
Nebraska Educational
Telecommunications Commission

**Dr. Bob Uhing**
ESU 1

## eHealth Council Members:

**Senator Annette Dubas**
Nebraska Legislature

**Patrick Werner**
Department of Correctional Services

**Congressman Jeff Fortenberry**
represented by Marie Woodhead

**Marty Fattig**
Nemaha County Hospital
Auburn

**Dr. Delane Wycoff, Co-Chair**
Pathology Services, PC

**Kevin Borcher**
Nebraska Methodist Health System

**September Stone**
Nebraska Health Care Association

**John Roberts**
Nebraska Rural Health Association

**Carol Brandl**
Nebraska Statewide Telehealth
Network

**Ken Lawonn**
NeHII and Alegent Health

**Harold Krueger**
Western Nebraska Health Information
Exchange and Chadron Community
Hospital

**Wende Baker**
Southeast Nebraska Behavioral Health
Information Network and Region V
Systems

**Jenifer Roberts-Johnson**
Department of Health and Human
Services

**Sharon Medcalf**
UNMC College of Public Health

**Kay Oestmann**
Southeast District Health Department

**Marsha Morien, Co-Chair**
UNMC College of Public Health Joel
**Dougherty**
OneWorld Community Health Centers

**Susan Courtney**
Blue Cross Blue Shield

**Vivianne Chaumont**
Department of Health and Human
Services, Division of Medicaid and
Long Term Care

**Nancy Shank**
Public Policy Center

**Alice Henneman**
University of Nebraska-Lincoln
Extension in Lancaster County

**Kimberly Galt**
Creighton University School of
Pharmacy and Health Professions

**Greg Schieke**
CIMRO of Nebraska/Wide River
Technology Extension Center

## GIS Council Members:

Member (M) / Designee (D)

**Mike Preston - Chair** (M)
Nebraska Geospatial Professional
Association

**Josh Lear - Vice-Chair** (D)
Brian Dunnigan, Director (M)
Dept. of Natural Resources

**Chad Boshart** (D)
Al Berndt, Director (M)
Nebraska Emergency Management
Agency

**Karis Bowen** (D)
Kerry Winterer, Director (M)
Dept. of Health and Human Services

**Lash Chaffin** (M)
League of Nebraska Municipalities

**Timothy Cielocha** (M)
Public Power Districts

**Dick Clark** (D)
Lauren Kinter, Director (M)
Governor's Policy Research Office

**John Beran** (D)
Steve Cobb, State Surveyor (M)
State Surveyor

**Nancy Cyr** (D)
Patrick J. O'Donnell (M)
Clerk of the Legislature

**Eric Herbert** (M)
Nebraska Association of County
Officials

**Les Howard** (D)
Mark S. Kuzila, Director (M)
Conservation and Survey Division

**Steve Meradith** (M)
Nebraska Public Service Commission

**Major Kyle Otte** (D) &
Lt. Jon Kraai (D)
Colonel David Sankey (M)
Nebraska State Patrol

**James Langtry** (M)
Federal Agencies
USGS Geospatial Liaison for NE
Nebraska Water Science Center

**James W. Ohmberger** (D)
Brenda Decker (M)
Office of the CIO

**Jeff McReynolds** (M)
Lincoln Metro Area
City of Lincoln\Lancaster County, NE

**John Miyoshi** (M)
Nebraska Association of Resources
Districts
Lower Platte North NRD

**Kelly Mueller** (M)
Nebraska Association of County
Officials
Antelope County Assessors Office

**Greg Youell** (M)
Omaha Metro Area
Metropolitan Area Planning Agency
(MAPA)

**Sudhir Ponnappan** (D)
Jim Douglas, Director (M)
Game and Parks Commission

**Ruth Sorenson** (D)
Doug Ewald (M)
Property Tax Administrator

**Tom Lamberson** (D)
Michael J. Linder, Director (M)
Department of Environmental Quality

**Bill Wehling** (D)
Randy Peters, Director(M)
Department of Roads

**Michael Schonlau** (M)
Member At Large
Douglas County/City of Omaha

**Pat Larson** (M)
Member At Large
Education and Western Nebraska GIS
Community

## State Government Council Members:

**Dacia Kruse** (alternate)
Dept. of Administrative Services

**John Munn**
Dept. of Banking and Finance

**Robin Spindler**
Dept. of Correctional Services

**Michael E. Behm**
Crime Commission

**Dennis Burling**
Dept. of Environmental Quality

**Dick Clark**
Governor's Policy Research Office

**Eric Henrichsen**
Dept. of Health & Human Services

**Catherine Lang**
Dept. of Labor

**Rhonda Lahm**
Dept. of Motor Vehicles

**Rex Gittins**
Dept. of Natural Resources

**Douglas Ewald**
Dept. of Revenue

**Bill Wehling**
Dept. of Roads

**Col. David Sankey**
Dept. of State Patrol

**Brenda Decker, Council Chair**
Chief Information Officer

**Beverlee Bornemeier**
Office of the CIO - IT Administrator,
Enterprise Computing Services

**Jayne Scofield**
Office of the CIO - IT Administrator,
Network Services

**Brent Gaswick**
Education, Dept. of - Administrator,
Data, Research & Evaluation

**John Gale**
Secretary of State

**Gerry Oligmueller**
State Budget Administrator

**Janice Walker**
State Court Administrator
Supreme Court

**Glenn Morton**
Workers' Compensation Court
Administrator

**Rod Wagner**
Library Commission
(Non-Code Agency Representative)

**Pat Flanagan**
Private Sector

**Dorest Harvey**
Private Sector

**Mike Calvert**
Legislative Fiscal Office

## Technical Panel Members:

**Brenda Decker**
Office of the CIO, State of Nebraska

**Christy Horn**
Assistive Technology Member,
University of Nebraska - Lincoln

**Kirk Langer**
K-12 Representative, Lincoln Public
School

**Walter Weir**
University of Nebraska Computing
Services Network

**Michael Winkle**
Nebraska Educational
Telecommunications