

## Agency Comprehensive Information Technology Plans Summary of Plans - 2000

United 2000, Nebraska's Statewide Technology Plan, provides that all agencies and public higher education institutions requesting state appropriation for information technology should prepare a comprehensive information technology plan.

Comprehensive information technology plans are intended to document how an organization's use of information technology supports its goals, objectives and functions. The plans provide a baseline view of current systems and provide strategic direction for future investments in information technology.

The comprehensive technology plans serve the following purposes:

- Assist decision-making at the organizational and statewide levels
- Create a structured planning process for information technology
- Integrate agency information technology planning with the state's biennial budget process
- Catalog the state's information technology assets
- Provide a clearinghouse of plans to encourage sharing of best planning practices
- Promote compatibility between an organization's strategic direction for information technology and the NITC's Statewide Technology Plan.

The Office of the NITC and the State Government Council developed a standard form to assist agencies in preparing their plans and to provide a consistent core of information from all agencies. The IT plans contain the following categories of information from each agency:

- **Contact information** for the person responsible for IT within the agency;
- A brief summary of the agency's **mission, goals, and objectives**;
- A description of the **current technical environment** for the agency, including: applications; databases; electronic government services; hardware, operating systems and networks; staffing; value of IT to the agency; IT training; and security and disaster recovery; and
- A description of the agency's plans for **future uses of Information Technology**.

Agencies were required to complete and submit their agency IT plans by July 1, 2000. Complete copies of all agency plans and a current copy of this document can be found on the NITC Web site at <http://www.nitc.state.ne.us/itc/sg.htm>.

Nebraska Information Technology Commission

**Agency Information Technology Summary - 2000**

<b>Agency</b>	<b>03 - Legislative Council</b>
<b>Agency IT Contact</b>	<b>Richard Brown (dbrown@unicam.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$	<b>Agency FTE</b>	
<b>IT Budget FY2001</b>	\$	<b>Agency IT FTE</b>	

**Agency Mission**

The mission of the Nebraska Unicameral Legislature is to establish public policy by enacting legislation. The goal of the Legislature with respect to technology is to provide reliable, high quality technology services to the Legislative Council, which is the agency responsible for administrating the support of all legislative operations, and to the citizens of Nebraska.

The mission of the Legislative Technology Center is to produce, deploy and support the mission critical technological solutions for the Nebraska State Legislature. The presentation and delivery of information through the Legislature's web site is managed by the Unicameral Information Office. Both offices are under the administration of the Clerk of the Legislature's office.

**Agency IT Staff**

*Help Desk* – The help desk staff responds to requests for assistance from end users. This "Help Desk" service is provided to all senators and staff, all legislative division employees and the general public.

*Network and Systems Administration* -- The network administration staff installs hardware and software on the network, does troubleshooting of network problems, maintains an audit trail of network access for security purposes and monitors error conditions on the network. They also are responsible for the installation and support of hardware and software purchased by the Legislature, the maintenance of backup copies of system configurations and the testing of new software releases.

In addition, the center provides technical expertise concerning hardware and software purchases by the Legislature.

*Application Development* -- Analyst staff provides application development services for the legislative environment to support the flow of electronic data in the chamber and between offices as needed. They also convert documents created on the mainframe to the business computer and web environment for distribution to all staff and the public. Documentation is created to support the application and the flow of the document through the system.

*Training* – The center provides training classes, CBT (computer based tutorials), web help, streamed videos and documentation to senators and all legislative staff about the computers and software applications used within the legislative environment. The CBTs and streamed training videos are available on the UniNet. Small classroom training and large group workshops are conducted throughout the year. Computer needs assessments are done on the environment and classes are scheduled according to need. Individualized instruction is also available.

*Internet and UniNet Support* -- The center provides technical support to the development and maintenance of the Legislature's World Wide Web site and the UniNet. The Information Office works with the Technology Center to create and update the Unicameral's website and work with many multi-media projects to assist in the understanding of Nebraska's legislative process.

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**Benefits of IT to the Agency**

*The tangible benefits are as follows:*

Provide technology to support effective creation of laws for the State of Nebraska and production of those laws in an accurate and timely manner. Providing current technology allows our legislative process to move smoothly without delays or interruptions that would slow or delay the Nebraska Legislature and its mission.

*The intangible benefits are as follows:*

Providing to the citizens of Nebraska technology to access current information about legislation. The value of such information can't be calculated but is invaluable to groups and individuals that are concerned about issues or topics currently being discussed by the legislature.

**Technical Environment**

The Legislature computer environment consists of a business computer for every full time employee. The business computers are generally a Pentium II 300 MHz system with a 5 GB hard drive and 64 MB of RAM. The exceptions to this are the Senators who have a 75 MHz Pentium laptop with 40 MB of memory and an 850 MB hard drive. Each business computer has general office programs such as word processing, spreadsheet, email, and a web browser. Each also has programs that are specific to the Legislature or divisions within the Legislature. Each business computer is connected to the Legislative network to access information, documents, and email on Legislative servers and connection to the Internet and in some cases, access to the state mainframe. There are approximately 70 printers connected to the network and made available to users via a server.

Several divisions in the Legislature require access to the state mainframe for applications specific to the Legislative process. There are 30 mainframe terminals connected via coax for users who have programs dependent on the special keys provided the terminal keyboard. Other users also access the mainframe via a terminal emulation program.

The internal network is a 16 MB token ring network. The major feature is an IBM 8270 Token Ring Switch that acts as the backbone to the network. The switch contains fiber optic connections that go to 7 IBM 8238 hub stacks and one 8239-hub stack through which all users access the network. Generally, users are connected through Category 3 data cable that is accessible through ports on the floor of offices. An IBM 8272 Token Ring switch is connected to the 8270 switch through a token port connection that provides a 64 MB full duplex path between the two. Legislative servers are connected to the 8272 switch that provides a 32 MB full duplex connection to the network.

The Legislative Technology Center utilizes Windows NT 4.0 as its network operating system and has installed 15 servers from which email, documents, and information are stored and retrieved. The servers range from Pentium 166 for low overhead services to a dual Pentium III Xeon onto which the email system will be transferred. Most servers contain dual processors and a high-speed controller for hard disks. All servers are powered from a UPS system located in the server room. Daily backups are performed to insure data retrieval in case of server failure.

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1		Novell Netware		Lotus Notes	
Windows 9x	70	Windows for Workgroups		Microsoft Exchange	285
Windows NT	240	Windows 9x Peer Networks		Internet (POP3)	
Windows 2000	10	Windows NT	X	OfficeVision	
OS/2		Windows 2000	X	Other (Specify: )	
Linux		OS/2 LAN Server and Warp Server			
Mac OS		Other -			
Other (Specify: )					

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**Major Applications and Databases**

Chamber Viewer  
Lobbyist application  
Bill Status  
Committee Clerk  
Hearing Schedules  
Journal  
Fiscal note statement  
Statement of Intent  
Ombudsman Case Management  
Revisor's E&R Final application  
Client Onliner application  
RTF Bill conversion application  
Index Clerk application  
Histories billing application

- Microsoft SQL v. 7.0. provides data access to the Legislature
- Microsoft Access 97 provides data access primarily for Fiscal office
- Paradox provides access to Legislative Histories, to be phased out

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<b>Agency</b>	<b>05 - Supreme Court (excluding Probation)</b>
<b>Agency IT Contact</b>	<b>John Cariotto (jcariotto@nsc.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 52,143,740	<b>Agency FTE</b>	999.5
<b>IT Budget FY2001</b>	\$ -	<b>Agency IT FTE</b>	-

**Agency Mission**

The Supreme Court is an entity with the Constitutional purposes of adjudicating controversies and administering the judicial branch of state government. While the institution itself and its major functions are Constitutional in origin, there are a host of other specific functions found both in statute and in case law. More information about the Court can be found at the Court's web site (COURT.NOL.ORG).

**Agency IT Staff**

1- Network Administrator, 1 - Network Assistant.

The JUSTICE team includes a manager, 8 permanent Business Analysts, 1 full time temporary business analyst, one IMS division manager, one project manager, and five full-time technical analysts.

**Benefits of IT to the Agency**

Generally, the Court is able to share information and communicate more easily within the office and with other state agencies. The appellate judges can more easily share opinions. Legal research materials are available to judges and law clerks at their workstations, and searches for precedent are expedited by the search engines used to carry out the database searches.

The dawn is breaking on trial court information. As noted elsewhere, information is directly and automatically shared with other state agencies. This has eliminated a great deal of manual work; court employees no longer type abstract forms, finding and updating the paper form each time an action is taken, then tearing the form apart and sending one to DMV when a conviction is recorded. DMV has eliminated microfilming these forms and has also eliminated most of the work of data entry personnel who retyped the information mailed by the court.

Court employees save time in performing their functions because the JUSTICE system automates the entire workflow. Individual steps may take longer to complete in JUSTICE, but time is saved by entering information only once.

Our initial effort to provide Internet access to court information is not a technological or aesthetic triumph, but even so there is a great deal of interest in gaining access. Nearly 300 law firms, collection agencies, credit bureaus, and others have registered for access to court data in Omaha, Lincoln and Papillion. Others have expressed considerable interest in remote access to statewide court data. Each inquiry processed by Internet has a considerable impact on government services. It's obvious that court personnel are not required to answer questions or help find information for these users. In the urban areas, each remote access means a car will not be on the street and will not require a parking place, thus reducing demands on public infrastructure.

Much of our feedback from consumers of court data has been positive. Information technology has improved the public's perception of the courts - information is current and available.

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**Technical Environment**

Internally, one Novell file server, one Windows NT server, one AS/400, and one firewall server connect through a switched token ring network. The LAN is connected to the State backbone, allowing access to the State AS/400 network, the IMS mainframe for accounting system access, and Internet access. All desktop computers are similar machines with Pentium III processors.

Switched 16 Mb Token Ring network; fiber to each floor. Internet traffic goes through a Check Point firewall. Four remote offices use Windows 95 peer-to-peer Ethernet network.

The AS/400 system in the Supreme Court is the Domino server (Lotus/IBM) and runs the help desk software, Support Center/400 (IBM), and provides office functions (word processing, calendar, and e-mail) via Office Vision (IBM).

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	0	Novell Network	100	Lotus Notes	93
Windows 9x	100+	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	7	Windows 9x Peer Networks	4 networks 2 - 5 workstations each	Internet (POP3)	5
Windows 2000	0	Windows NT	1 - 7 networks	OfficeVision	10
OS/2	0	Windows 2000	0	Other (Specify: )	
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other - AS/400 in each county, networked	about 95, with over 600 terminals		
Other (Specify: AS/400)	600+				

**Major Applications and Databases**

Significant custom applications developed for the agency: Statewide trial court automation system on the AS/400 platform; Supreme Court Clerk's Office software on the AS/400; various Lotus Notes applications in Lotus Notes on the AS/400 Domino server.

Major databases maintained by the agency and the general purpose of each: Case Management System for the Clerk of the Court's office, used by the Clerk to manage and track all cases appealed to the Intermediate Appellate Court or the Supreme Court. JUSTICE is the major contributor in this regard; each of the approximately 150 courts using the system at the time of this writing creates a database of information about each case filed in the court. The information includes documents filed, date of filing, a record of all money owed or paid to the court, court schedules, documents issued, events completed, events scheduled, and much more.

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<b>Agency</b>	<b>05 -Probation Administration</b>
<b>Agency IT Contact</b>	<b>David L. Wegner (dwegner@nsc.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ -	<b>Agency FTE</b>	~322
<b>IT Budget FY2001</b>	\$ -	<b>Agency IT FTE</b>	2

**Agency Mission**

The mission of the Probation system is to provide investigations to the court, enhance community safety, promote accountability, and provide services through risk-reducing strategies.

**Agency IT Staff**

There are two members of Probation Administration's staff that are dedicated to supporting probation's technology plans. Most of their time is spent in developing and supporting NPMIS in probation districts. Their responsibilities include and are not limited to: (1) developing and writing modifications in NPMIS, (2) installing new modifications within district offices across Nebraska, (3) serving as a help desk, (4) generating statistical analysis reports, (5) completing the electronic file transfer to the CJIS server, (6) data validation, and (7) project development.

The network administrator for the Nebraska Supreme Court administers probation's computer network. The two staff people mentioned above occasionally provides backup assistance to this person.

**Benefits of IT to the Agency**

The Nebraska Probation System is an agency with limited resources which has faced ever-increasing demands for services. Probation Administration has learned to maximize the advantages technology provides. The agency's investment in information technology is designed to improve: (1) timely deliverance of investigations to the courts, (2) effective case management of offenders which allows for rehabilitation and public safety, (3) accurate data integration utilizing the CJIS server that assists all criminal justice agencies in monitoring offenders, and (4) data analysis reports that accurately demonstrate the activities of the agency.

Probation Administration regularly researches practices within the agency that will be impacted by technology and the improvement thereof. We review how our investment in technology will impact our employees and how it will assist them in doing their job in a more efficient manner. Within the probation system, many benefits are non-quantifiable. However, common sense suggests to us that technology assists our staff in being more efficient and proficient in any given time. The "bottom line" is that with technology we are able to use our staff in a more cost efficient and productive manner.

It has been evident for years to the members of the criminal justice community that obtaining an offender's criminal history was a rigorous task. Additionally, probation officers have spent needless hours researching and verifying these records. NPMIS and similar programs administered by other agencies has allowed us to integrate our data. Instead of a probation officer writing or calling five to ten different agencies to obtain a prior record, they can now with the assistance of a web browser access the CJIS server and secure this information.

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**Technical Environment**

Probation Administration is on a local area Token Ring network. The Windows NT network operating system is used to support the functioning of this network.

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	0	Novell Netware	0	Lotus Notes	8
Windows 9x	8	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	0	Windows 9x Peer Networks	0	Internet (POP3)	0
Windows 2000	0	Windows NT	8	OfficeVision	0
OS/2	0	Windows 2000	0	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify:)	0				

**Major Applications and Databases**

The Nebraska Probation Administration in partnership with McCallie and Associates, Inc., a consulting firm, of Bellevue, Nebraska developed the Nebraska Probation Management Information System (NPMIS). NPMIS is a full-featured database that:

- Provides the field officer with a caseload management and tracking tool;
- Assists the Chief Probation Officer with district management by providing them with a tool to monitor and assign officer workload;
- Allows the field offices to have at their disposal a statistical data base from which they have the ability to generate numerous reports;
- Allows Probation Administration to have at its disposal a central repository of data which assists them in generating statistical analysis reports. These reports are used as a basis for identifying needs and program development. Additionally, NPMIS assisted Probation Administration in developing its first Biennial Report.
- Assists Probation Administration in calculating workload measurements that allows them to make accurate workload allocations.
- Allows Probation Administration a concrete foundation in which to assess staff needs and make appropriate requests for additional staff.
- Assists Probation Administration in competing the Biennial and Semiannual Reports.
- Provides a central repository of data that is shared with the Nebraska Criminal Justice Information Server (NCJIS).

IT staff has installed this program in fifteen networks and numerous stand-alone workstations. There are 180 total users of NPMIS which are housed within sixteen probation districts encompassing the State of Nebraska.



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<b>Agency</b>	<b>07 - Governor, 08 - Lieutenant Governor</b>
<b>Agency IT Contact</b>	<b>Cherri Carepenter (ccarpent@notes.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 7,722,949	<b>Agency FTE</b>	47.5
<b>IT Budget FY2001</b>	\$ 75,550	<b>Agency IT FTE</b>	1

**Agency Mission**

The Governor's Office acts as the administrative agency for the State of Nebraska, as prescribed by the Constitution of the State of Nebraska and all corresponding state statutes.

The primary business goals and objectives of the Governor's Office is to serve the citizens of the State of Nebraska, state agencies, and the Legislative and the Judiciary branches of state government; and to ensure that the laws of the State of Nebraska are executed and the business of the state is administered efficiently and economically.

In carrying out its mission, goals and objectives, the Governor's Office strives to (1) communicate with state agencies, the Legislative and Judiciary branches, boards, commissions, and local governmental entities; (2) provide accurate and timely responses to constituent inquiries; and (3) provide accurate and timely information to the media for distribution on issues identified as areas of public interest.

**Agency IT Staff**

The Governor's office relies upon the staff of IM Services for technical support.

**Benefits of IT to the Agency**

The Governor's Office use of information technology has allowed it's staff to provide high quality service to the State of Nebraska efficiently and economically.

Staff can communicate with one another, state agencies and departments, constituents and other businesses and organizations through electronic-mail; and can also perform word processing functions on personal computers provided to each staff member.

The Governor's time, appointments, and travel is managed and accounted for by utilizing Lotus Organizer software.

Access to the Governor's Office through the Governor's web site makes available to the general public copies of speeches given by the Governor, press releases, and other information and announcements about areas of interest; as well as providing a means to contact the Governor electronically. An application form for Governor-appointed Boards and Commissions is available on the Governor's web site, as are request forms for Admiralships to the Great Navy of the State of Nebraska and for Proclamations by the Governor.

The Governor's Information System is a database created to manage and coordinate all contacts made with the Governor's Office. Not only does it serve as a resource for names, addresses and telephone numbers, all contacts made by constituents and correspondence received by the Governor's Office, and their responses, are logged into the database. The database also serves as a tool to assist the Governor and his staff coordinate and process appointments he makes to state boards and commissions.

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Staff in the Governor's Office utilize the Internet as a resource to access information available to the Office from other government-related organizations and to gather information about matters important to the State of Nebraska.

<b>Technical Environment</b>
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Novel area network with state backbone connectivity; PC workstations.

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	0	Novell Netware	20	Lotus Notes	16
Windows 9x	20	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	0	Windows 9x Peer Networks	0	Internet (POP3)	0
Windows 2000	0	Windows NT	0	OfficeVision	0
OS/2	0	Windows 2000	0	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify:)	0				

<b>Major Applications and Databases</b>
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<b>Agency</b>	<b>07 - Nebraska Energy Office</b>
<b>Agency IT Contact</b>	<b>Bonnie Ziemann (bziemann@mail.state.ne.us)</b>

<b>Agency Budget FY2001</b>	(see 07 - Governor)	<b>Agency FTE</b>	
<b>IT Budget FY2001</b>		<b>Agency IT FTE</b>	

**Agency Mission**

The mission of the Nebraska Energy Office is to promote the efficient, economic and environmentally responsible use of energy.

**Agency IT Staff**

The Information Systems Analyst position is currently vacant. The person in this position served two separate functions. The first of which is Local Area Network administration, which involves installations and maintenance of personal computer hardware and software and support of computer users. The second is to design, code, document and maintain relational database computer programs to meet the data processing needs of the various agency programs.

A full-time temporary Infrastructure Support Technician has been hired to assist the agency through a transitional period. This person maintains the agency web site and three energy program web sites. The employee installs and maintains personal computer hardware and software, provides computer user assistance, network maintenance and trouble shooting.

**Benefits of IT to the Agency**

**Accountability** – Measuring performance against an agreed-upon set of standards. The Energy Office requires appropriate information technology tools in order to meet the goals and objectives specified by the U.S. Department of Energy in its grant award documents. Various computer programs are utilized by the agency staff to conduct the analysis needed to meet program requirements. In turn, agency staff utilizes highly technical and sophisticated hardware and software to analyze performance and track results, which are reported to the U.S. Department of Energy on a quarterly basis.

**Cost-Effectiveness** – Producing desired results in a manner that meets or exceeds customer expectation. The Energy Office will provide quality and timely information and services to the general public within available budget limitations.

**Quality Services** – Producing desired results in a manner that meets or exceeds customer expectation. The Energy Office will work cooperatively with program partners to provide information and services to customers and to respond to inquires from the general public in a timely manner that meets or exceeds partner and customer expectations.

**Access** – Access to state government records and information for citizens. The Energy Office will continue to provide energy information to Nebraskans to help them make sound energy decisions. In addition to print, the agency will make this information available electronically through the agency Web site. Downloadable and printable tables will be made available that contain current data such as energy consumption, production prices, forecasts and trends. Information, such as heating and cooling degree-days, conversion factors and definitions of energy terms are available. The Dollar and Energy Saving Loan Program forms are posted on the agency's Web site

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available for download for consumer use. The agency's web site also includes hyperlinks to other sources of information.

E-Commerce – Enabling customers to conduct business with state government electronically. The Energy Office will continue to publicize its e-mail addresses as a means for its program partners and customers to communicate with agency staff for information and technical services. The agency is converting the loan application process from paper to an electronic format. Work on this conversion is scheduled for completion in 2000.

Collaboration – Identifying and collaborating with other interested agencies and organizations both public and private. The Energy Office will continue to utilize information technology to communicate with partnering groups, agencies and organizations that facilitate the agency's delivery of energy information and technical services. The use of computer technology, including the Internet, enhances the agency's ability to effectively administer the multiple federal and state programs and services.

**Technical Environment**

The Energy Office's computing environment consists of a local area network operated by Novell IntranetWare (Version 4.11). All desktop PC computers on the network connect through Token Ring cabling. The network is connected to an IBM 8229 network bridge for access to the State Mainframe IBM 3090 system and to the Internet.

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	1	Novell Netware	X	Lotus Notes	0
Windows 9x	5	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	16	Windows 9x Peer Networks	0	Internet (POP3)	18
Windows 2000	0	Windows NT	X	OfficeVision	2
OS/2	0	Windows 2000	0	Other (Specify: Word Perfect 3.1 for intra- agency Email )	21
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	1	Other -	0		
Other (Specify:)	0				

**Major Applications and Databases**

**WinSAGA** – the Windows version of the Systems Approach to Grant Administration. A grant application and reporting software utility designed to give DOE Headquarters, Regional Support Offices and State Energy Offices a streamlined method to process federal energy grants and provide reliable data storage and retrieval system. Data Tree, Inc developed this software.

**MecCheck** – Public domain building code compliance program used to check residential plans to verify compliance with the 1995 Model Energy Code. MecCheck was developed by Pacific Northwest Laboratory for the U.S. Department of Energy.

**NEAT** – Residential energy audit program which details energy conservation measures and savings to investment ratios. NEAT was developed by Oak Ridge National Laboratory.

**REMRate** – Energy analysis program, which serves as the national standard for home energy ratings which, verifies that residential buildings comply with the 1995 Model Energy code. Architectural Energy Corporation developed REMRate.

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**SHAZAM** – Econometrics software to perform time-series analysis and other statistical techniques. The University of British Columbia developed SHAZAM.

**Databases:**

School Weatherization Program Database – Contains information on schools with loans or technical assistance grants, including accounting information, energy consumption information and energy conservation measures performed.

Weatherization Inspection Tracking Database – Contains names and addresses of homes inspected under the Low Income Weatherization Assistance Program. Also tracks work completed plus questions raised pertaining to work and safety violations.

Energy Information Database – Maintained to meet statutory requirement to track Nebraska's energy consumption and production. Used to create the Nebraska Statistical Handbook.

Nebraska Daily Average Temperatures Database – Maintains list of daily average temperatures of various Nebraska locations. Used by PRISM software to normalize energy consumption data for evaluations.

Mailing List Database – Contains address lists used for various office mailings and newsletters.

Rebuild Nebraska Database – Contains information about program partners such as contact information, audits and building square footage.

Western Regional Biomass Program Database – Contains address lists used for various office mailings and information about funded regional projects administered by the agency.

State Energy Program Database – Contains information on State Energy Program formula and Special Projects grants and contracts.

Dollar and Energy Saving Loan Program Database – Contains information on borrowers, lenders, loans and energy efficiency projects financed.

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<b>Agency</b>	<b>07 - Governor's Policy Research Office</b>
<b>Agency IT Contact</b>	<b>Lynn Thiemann (lthiemann@pro.state.ne.us)</b>

<b>Agency Budget FY2001</b>	(see 07 - Governor)	<b>Agency FTE</b>	
<b>IT Budget FY2001</b>		<b>Agency IT FTE</b>	

**Agency Mission**

The Governor's Policy Research Office is responsible for policy analysis and development for the Governor. The office is responsible for assisting in the development and implementation of the Governor's policies through the Legislature and executive agencies. GPRO also serves as the Governor's liaison with agencies.

The organization and primary duties of the GPRO are set forth in Chapter 84, Sections 131-139. Additional administrative coordination and review responsibilities appear in several other areas of the statutes.

The GPRO assists in the development, implementation, and review of state government policy. When appropriate, the agency coordinates and directs multi-agency programs or special programs not fitting any particular agency.

The primary goal of GPRO is to enhance the Governor's executive capability. A small professional staff advises the Governor on policy options, opportunities to promote cooperation and efficiency in the executive branch, proposed rules and regulations, and emerging state and national trends. The agency is organized on a functional basis. Policy advisors in assigned policy areas serve as liaisons for the Governor with state and federal agencies, local political subdivisions, and other public/private entities.

**Agency IT Staff**

The GPRO contracts with IMServices for technology support.

**Benefits of IT to the Agency**

Information Technology is the backbone that supports the entire function of the GPRO. The Governor relies on the office for his technical analysis and policy formulation, especially during the legislative session. Our direct access to the web services of the Legislature allows us to actively monitor legislation and stay current with any bill's status. In addition, the e-mail system provides efficient and effective communication within the office as well as other agencies.

One specific intangible benefit of our information technology is the efficient use of office resources. Having the ability to communicate in a timely manner within the office and with other agencies while focusing on another task ensures the continual flow of information.

The laptop computer is often used when employees travel to seminars and meetings. Following up on e-mail messages with the laptop gives employees more time to perform other tasks upon their return to the office.

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**Technical Environment**

The Governor's Policy Research Office uses Pentium based PC workstations along with laser jet printers and a color inkjet printer. One workstation is connected to the state mainframe.

All the workstations are connected via a 16 m bit token ring LAN to a Novell server.

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	0	Novell Netware	X	Lotus Notes	0
Windows 9x	9	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	0	Windows 9x Peer Networks	0	Internet (POP3)	9
Windows 2000	0	Windows NT	0	OfficeVision	0
OS/2	0	Windows 2000	0	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify:)	0				

**Major Applications and Databases**

The GPRO does not maintain any major databases and does not exchange significant electronic data with other entities.

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<b>Agency</b>	<b>09 - Secretary of State</b>
<b>Agency IT Contact</b>	<b>Greg Lemon (glemon@mail.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 5,136,158	<b>Agency FTE</b>	47.61
<b>IT Budget FY2001</b>	\$ 613,075	<b>Agency IT FTE</b>	1

**Agency Mission**

The Secretary of State's Office is the official repository of a wide variety of information. Many times it is the filing or certification of filing with the Secretary of State that makes a document or transaction official, examples: executive orders, articles of incorporation and election results.

The Secretary of State's other major functions involve his role as statutory member of a number of boards and commissions (Pardons, Equalization, Accountability & Disclosure, Real Estate, etc.)

It is the mission of the Secretary of State's Office to maintain a reliable database for all information we are required to maintain and to provide the highest level of service to our clients while minimizing the cost of operating those services.

It is the goal of the Secretary of State's office to make filing and retrieval of information we have on record as simple and speedy as possible for members of the public, who are our clients. To continue to make our files (all of which are public record with a few limited exceptions) more easily available to the public, the office would like to further utilize automated processes in the filing, storage and retrieval of records we maintain. This process has been going on for years but has received additional attention and priority in recent years phenomenal rate of growth of electronic commerce on the internet.

**Agency IT Staff**

The Secretary of States Office has one full time FTE devoted entirely to IT. Two additional staff in administration devote approximately half time each to IT related tasks, .25 FTE in the elections division, and .5 FTE in the Records Management Division. The only position that is related to a specific budget request is the full time IT position. All others have reallocated time from other duties or re-directed their duties as office processes have become more technology oriented.

**Benefits of IT to the Agency**

The Secretary of State's Office is just beginning to recoup the benefits of significant investment in technology made in the last 4 years. Our benefits include the ability to communicate more effectively internally through E-mail and attachments. Communicate more effectively to the outside world through E-mail, E-mail attachments and web pages. Avoid private printing costs for sample ballots through online publishing. Avoid time spent answering questions on the phone and processing filings that are done from the web.

So far we have not had any staff savings which we can directly attribute to recent technology initiatives, but we strongly feel that we are delivering better services to our customers. For example, 24 X 7 services, more staff time freed up for those that call or stop in by internet inquiries.



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**Technical Environment**

The Secretary of States office has successfully migrated to a primarily client/server based PC network for most functions. Large applications such as the voter registration and Uniform Commercial Code/Corporations run off an NT server. A few applications (NAS and NEIS, like everybody else, and notary) are still on the mainframe.

Most if not all PCs have network connections, all state capitol PCs have Ethernet connections, Records Management division has a token ring network.

Servers run on Windows NT, larger databases are in SQL (Corporations and UCC) and Oracle (Voter Registration system).

Ethernet (Capitol) and Token Ring (Records Management); 6 servers

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	0	Novell Netware	0	Lotus Notes	0
Windows 9x	35	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	2	Windows 9x Peer Networks	0	Internet (POP3)	25
Windows 2000	0	Windows NT	35	OfficeVision	10
OS/2	0	Windows 2000	0	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify:)					

**Major Applications and Databases**

**Applications:**

- Corporations and UCC, client/server application developed by Computer Associates (formerly Sterling Software)
- Elections Division, client server elections database developed by ES&S
- Notary Public, mainframe application

Corporations Database: Information on all corporations and most other types of business in the state, SQL database.

Uniform Commercial Code Database: Central database of liens filed in the state, SQL database.

Elections Database: Registered voter information from all counties, Oracle database.

Records Center Database: Listing of records maintained in the State Records Center, MS Access database.

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<b>Agency</b>	<b>10 - Auditor of Public Accounts</b>
<b>Agency IT Contact</b>	<b>Kate Witek (kwitek@mail.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 2,669,439	<b>Agency FTE</b>	40.5
<b>IT Budget FY2001</b>	\$ -	<b>Agency IT FTE</b>	-

**Agency Mission**

The mission of the office of the Auditor of Public Accounts is to promote the accountability of government by actively providing independent and informative services to policymakers and taxpayers.

**Agency IT Staff**

The APA currently does not have an FTE fully devoted to IT. The Finance Manager/Project Coordinator/Audit Manager devote a portion of their time to IT.

**Benefits of IT to the Agency**

The major benefit over the last year is the Budget Database development, which now allows the public to query and gather information from various political subdivision regarding expenditures, taxes and other Budgeted information. This is a big help to policymakers who set budgets and taxpayers. The benefits are providing information faster and in a user friendly, searchable format.

**Technical Environment**

Local area networks consisting of file server and local PC's. Lotus Notes mail server.

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	0	Novell Netware		Lotus Notes	0
Windows 9x	48	Windows for Workgroups		Microsoft Exchange	0
Windows NT	0	Windows 9x Peer Networks		Internet (POP3)	0
Windows 2000	0	Windows NT		OfficeVision	36
OS/2	0	Windows 2000		Other (Specify: Navix, NOL, AOL )	10
Linux	0	OS/2 LAN Server and Warp Server			
Mac OS	0	Other -			
Other (Specify: )	0				

**Major Applications and Databases**

Microsoft Office Professional 97, ACL, Publisher 2000, Timeslips, Quickbooks, Extra.

Budget Database-Accumulating Budget information as filed by Nebraska political subdivisions; Audit Database-Accumulating Audit filing Information filed in our office for political subdivisions.

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<b>Agency</b>	<b>11 - Attorney General</b>
<b>Agency IT Contact</b>	<b>Bernie Grossman (grossman@ago.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 4,169,671	<b>Agency FTE</b>	64.5
<b>IT Budget FY2001</b>	\$ -	<b>Agency IT FTE</b>	1

**Agency Mission**

The Attorney General is one of six statewide elected constitutional officers in Nebraska. The duties and authority of the office are derived from the State Constitution, statutory enactments, and the common law. Generally speaking, the Attorney General is responsible for the representation of the state in legal matters, both civil and criminal, where the state is named as a party or may have an interest in the outcome of the litigation or dispute.

**Agency IT Staff**

1 - Computer Applications Manager

**Benefits of IT to the Agency**

In order to provide the best possible resources for the attorneys and support staff of this office it is imperative that we continue to upgrade our computer system. The technology available to this office, such as the Internet application, Justice and the data management application, Amicus Attorney are invaluable resources to our staff. By continuing to keep current with the growing field of technology, we will continue to provide excellent legal work for the State of Nebraska and with greater efficiency.

**Technical Environment**

<b>Desktop Operating System</b>	<b>Users</b>	<b>Network</b>	<b>Users</b>	<b>E-Mail</b>	<b>Users</b>
Windows 3.1	0	Novell Netware	70	Lotus Notes	69
Windows 9x	70	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	0	Windows 9x Peer Networks	0	Internet (POP3)	1
Windows 2000	0	Windows NT	0	OfficeVision	0
OS/2	0	Windows 2000	0	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify: )	0				

**Major Applications and Databases**

Word Perfect 8 Legal, Quattro Pro

File Express 6, Staff Databases; QMF-DB2, Case Management

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<b>Agency</b>	<b>13 - Nebraska Department of Education</b>
<b>Agency IT Contact</b>	<b>Bob Beecham (bbeechem@nde.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 941,044,124	<b>Agency FTE</b>	481.5
<b>IT Budget FY2001</b>	\$ 2,640,802	<b>Agency IT FTE</b>	29

**Agency Mission**

To lead and support the preparation of all Nebraskans for learning, earning, and living.

**Agency IT Staff**

The majority of the Department's Information Technology Staff is contained in the Education Support Services group, The Education Technology Center, and the Communications and Information Services group. In addition, some information technology staff are located in the Special Populations team.

The Department has also contracted with individuals for data entry support and for applications development. Contract assistance has also been secured through work orders with Information Management Services (IMS) to provide support for Lotus development, applications design and development, and for support of the NDE web server and Lotus Notes servers.

The Education Technology Center has an additional 4.5 F.T.E. working on two federal grants. The Technology Challenge Grant has a Director and an Administrative Assistant. The Federal Technology Catalyst Grant called Preparing Tomorrows Teachers employ an additional 2.5 F.T.E.

**Benefits of IT to the Agency**

Communications and access to information resources both internally and externally are critical to the Nebraska Department of Education.

The Department of Education has many customers and primary among those customers are the teachers and administrators that work in Nebraska's school districts and systems. The distance learning infrastructure built over the past several years in partnership with Nebraska's Educational Service Units has become a critical resource for school districts especially in areas of the state where it is difficult to attract qualified teachers in certain curriculum areas. The staff development activities provided through on-going Department programs and through innovative federal projects also provide value for Nebraska teachers.

The commitment the Department has made to developing and supporting Internet applications provide the foundation for meeting the information needs of Nebraska educators. With over 10,000 pages of static text on the NDE website and with links to other states and national resources, the Department supports the curriculum and staff development needs of teachers in almost every subject matter area. Increasingly, the Department is using the Internet for the collection and dissemination of data and information. The Education Data Consolidation Project will result in a data warehouse that can be accessed by educators, NDE staff, and federal program officials.

With network improvements that will be made during 2000, Department of Education staff will have state-of-the-art networks and communications. The information technology tools that are provided to our staff have clearly made them more productive but have also increased their expectations for information

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technology. The demands in the area of web page development and applications development are currently outpacing our ability to provide them.

<b>Technical Environment</b>
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11 Servers; 216 PCs; 16 Net Laptops; 50 Laptops; 102 Printers/Plotters; 4 Scanners; 14 PDAs; 5 Mac servers; 20 Mac PCs; 4 Mac laptops; 9 Mac printers/plotters; 2 Mac scanners; (Technology lab: 10 Mac PCs; 2 Mac scanners)

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	0	Novell Netware	X	Lotus Notes	230
Windows 9x	65	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	135	Windows 9x Peer Networks	0	Internet (POP3)	12
Windows 2000	Will be soon!	Windows NT	0	OfficeVision	0
OS/2	0	Windows 2000	Converting to..	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify: )	0				

<b>Major Applications and Databases</b>
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Accreditation

Accreditation ESU Data  
 Accreditation School Data  
 Biennial Offerings Data  
 Cooperative Arrangement Data  
 Distance Learning Data  
 Integrated Course Data

Administrative Support Services

Expenditures by Transaction

Administrative Support Services/

Aid Distribution/Internal Finance Support

Process SPED Part C Grant  
 Iowa Sch Deaf Tuition and Residential Services  
 Process Adult Education Grants  
 Process Before/After School Grant  
 Process Breakfast Expansion Grants  
 Process Breakfast Startup Grants  
 Process CACFP Sponsor Administrative Advance  
 Process CACFP Sponsor Expansion Grants  
 Process Deaf/Blind Grant - Federal  
 Process Early Childhood Health Grants  
 Process Early Childhood Projects  
 Process Eisenhower Math/Science  
 Process Emergency Immigrant Grant  
 Process Financial Data for Early Childhood Block Grant

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Process Financial Data for Even Start  
Process Financial Data for Head Start  
Process High Ability Learners Grant  
Process Homeless Grants  
Process JTPA Grants  
Process Learn and Serve America Grants  
Process Learning Links Grant  
Process Migrant Education (Title 1)  
Process Multicultural Grant  
Process Nutrition Education Training  
Grants (NET)  
Process School Lunch/Breakfast/Milk  
Grants  
Process SPED Preschool Grant  
Process SPED Preschool Grant  
Process SPED Title VIB  
SPED Residential Services Data  
Special Ed School Age  
Child and adult care food program - adult  
Child and adult care food program -  
sponsor  
Drug free  
EFT/Warrant System  
Goals 2000 - Payment system  
Lottery grant - Payment system  
Perkins grant - Payment system  
Rule 88 - Records claims and processes  
payments  
School lunch, breakfast, and milk program  
Special Education Below Age Five  
Special Education School Age - New  
System  
Special Education School Age - Old  
System  
Special Education School Age  
Transportation  
Summer Food Program - Payment System  
Technology Grants - Payment System  
Title I  
Title VI  
Title VI - Class Size Reduction

Administrative Support Services/

Central Accounting

Consolidated Billing

Receipt System for Central Accounting

Six-digit coding

Teacher Certification Applicant Fee

Administrative Support Services/

Human Resources

LN Human Resources Database

Personnel Information System

Adult Program Services

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AACTE Institutional Data  
Application of Specific Programs of  
Teacher Preparation

Adult Program Services/  
Teacher Certification  
Teacher Certification Data Base

Commissioner's Office  
Week-In-Review

Commissioner's Office/  
Certification Investigation  
Substitute Teachers  
Certification Counsel InfoBase  
Status of Inquiries and Complaints

Curriculum/High Ability Learners  
High Ability Learners

Curriculum/Social Studies  
Hearst Survey

Curriculum/Voc Ed  
Voc Ed Funding - Perkins

Educational Technology  
ITV Survey

ESEA Title VI  
Class-Size Reduction Program

Education Support Services/  
Child Nutrition Program  
CACFP Adult/Child  
CNP Application Program  
CNP Claims and Payment systems (3)  
NSLBP  
Summer Food

Education Support Services/  
Data Center  
District/System Data  
School Data  
Standardized Test Score  
Teacher Attendance  
ATS Summer School Supplement  
Common Core of Data  
Completers  
Curriculum Report  
Dropouts  
ESS Project system  
Expulsions/Suspensions/Gun Free  
Fall Personnel Report  
IPBS

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Label Billing System  
Math/Science Indicators  
Membership  
School Board Members  
Warrant Processing

Education Support Services/  
Data Center and Special Populations  
Special Ed Caseload Report/Curriculum Report  
Special Education Caseload Reports

Education Support Services/  
Organization Services  
Bus Driver  
Dissolved Districts  
Enrollment Option/Transportation  
Transportation  
Rule 4 - Textbook Loans  
School Building Sites (Geographical)  
School District Boundary Data  
Exempt Schools  
Math/Science Recipients  
Paul Douglas Data base of Paul Douglas Recipients

Education Support Services/  
Office of School Finance  
Affiliated System  
Annual Financial Report  
Annual Statistical Summary  
Apportionment/In Lieu  
Audit Confirmation  
Census Report  
Enrollment Projections  
ESS Core Services  
LC2  
Primary High School  
State Aid  
State Aid Supplement

Education Support Services/  
Student Transportation  
Bus database

Financial Services/School Finance  
Audit Confirmation

Office of Children & Families  
Program/Project Profiles  
Mailing List & Contact Database

Office of Children and Families/Title 1  
Title I Form 3

School Improvement: Accreditation  
Approval and Accreditation 7-year evaluation



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School Improvement: Staff Development/  
Instructional Issues/Chapter 2  
Public/Nonpublic Pairing

School Improvement: Staff Development/  
Instructional Issues/Excellence in Ed  
Quality Education Innovation Program  
Teacher Mentor (part of QEIP)  
Implementation Mini Grants  
Tier 1 Major Competitive Grant  
Tier 2 Major Competitive Grant  
Planning Mini Grants

**School Improvement: Staff Development/  
Instructional Issues - Migrant Education**  
Migrant Education Program (Title 1-C)

School Improvement: Staff Development/  
Instructional Issues - ESL/Bilingual  
LEP Survey Data

School Improvement: Staff Development/  
Instructional Issues - Vocational Equity  
Voc Ed EEO

Special Populations/SPED  
Final Financial Special Populations  
Plan and Budget School Age  
Plan and Budget Below Age 5  
Program Standards Review  
Contracted Services Providers  
SEGIS  
Standards/Assessment  
Transportation Reports  
MIPS

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<b>Agency</b>	<b>13 - Department of Education, Disability Determinations Section</b>
<b>Agency IT Contact</b>	<b>Jim Williams (jww@nde.state.ne.us)</b>

<b>Agency Budget FY2001</b>	(See 13 - Dept. of Education)	<b>Agency FTE</b>	
<b>IT Budget FY2001</b>	\$	<b>Agency IT FTE</b>	

**Agency Mission**

The Disability Determinations Section (DDS) under a federal-state contract determines medical eligibility of claimants under Title II and Title XVI of the Social Security Act. Our agency mission is to provide accurate, timely and cost efficient processing of individual's claim. We rely heavily on computer technology to solicit information from medical sources, to track case status and to formalize the decision on each case. We provide referrals to Vocational Rehabilitation for claimants who may benefit from such a referral. Our decision may affect eligibility for Medicare. Since our agency operates on 100% federal funding and under federal rules and regulations, we have little or no contact with other state agencies, local government or other entities.

**Agency IT Staff**

1 - System Manager

**Benefits of IT to the Agency**

Faster claim processing, case tracking, and statistically based cost analysis.

**Technical Environment**

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	0	Novell Netware	60 workstations	Lotus Notes	2
Windows 9x	10	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	50	Windows 9x Peer Networks	0	Internet (POP3)	60
Windows 2000	0	Windows NT	60 workstations	OfficeVision	0
OS/2	0	Windows 2000	0	Other (Specify: ccMail)	2
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify: )	0				

**Major Applications and Databases**

Custom case tracking software - MS Office 97  
WANG US case control, SQL Server 6.5 - case development

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<b>Agency</b>	<b>13 - Department of Education, Vocational Rehabilitation</b>
<b>Agency IT Contact</b>	<b>Dan Dulaney (d_dulaney@vocrehab.state.ne.us)</b>

<b>Agency Budget FY2001</b>	(See 13 - Dept. of Education)	<b>Agency FTE</b>	
<b>IT Budget FY2001</b>	\$	<b>Agency IT FTE</b>	

**Agency Mission**

The mission of Vocational Rehabilitation is to operate a comprehensive, coordinated, effective, efficient and accountable program of vocational rehabilitation that is designed to assess, plan, develop and provide individuals with disabilities with vocational rehabilitation services consistent with their strengths, resources, priorities, concerns, abilities and capabilities, so that they may prepare for and engage in gainful employment.

**Agency IT Staff**

Three infrastructure support analysts located in Lincoln; one VR employee in each office of the 17 Voc Rehab Services sites also provides first line technical support to end users. Voc Rehab Services subscribes to professional level tech support from various vendors and utilizes IP based remote administration software.

**Benefits of IT to the Agency**

The VR information system will: 1) provide trend data to help leadership set strategic plans; 2) provide management information for daily operations; 3) support data needs for local employment teams; 4) control critical processes such as eligibility and employment plan development; 5) coordinate client information through a central file for all staff; 6) provide access to critical information for staff via internet.

**Technical Environment**

PC in 17 cities connected via frame relay.  
 Ethernet networks at 17 cities connected via frame relay on T1 and 56k.

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	0	Novell Netware	0	Lotus Notes	0
Windows 9x	0	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	0	Windows 9x Peer Networks	0	Internet (POP3)	200
Windows 2000	0	Windows NT	0	OfficeVision	0
OS/2	0	Windows 2000	0	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	200	Other - (Mac)	200		
Other (Specify: )	0				

**Major Applications and Databases**

QUEST Information System built in FileMaker Pro  
 QUEST (Quality Employment Solutions through Teams) - Vocational Rehabilitation Services' Information System.

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<b>Agency</b>	<b>14 - Nebraska Public Service Commission</b>
<b>Agency IT Contact</b>	<b>Cheryl Elton (celton@navix.net)</b>

<b>Agency Budget FY2001</b>	\$ 64,187,555	<b>Agency FTE</b>	47.25
<b>IT Budget FY2001</b>	\$ -	<b>Agency IT FTE</b>	-

**Agency Mission**

The Public Service Commission is charged with the responsibility of regulating and exercising control of common carriers. That constitutional and specific statutory authority empowers the Commission to regulate telecommunications, rates for private water companies, intrastate transportation of household goods and passenger carrier rates, routes and service, grain buyers and sellers, grain warehouses, and regulation of manufactured homes, modular housing and recreational vehicles. In addition, grain is tested for moisture content, grain probes are tested for proper functioning, the location of transmission lines is evaluated for safety and non-interference with other utilities, railcars and track are inspected, and railroad accidents investigated. To perform these duties, the Commission is composed of five Commissioners and administrative staff, field examiners and inspectors. The staff is organized into five functional divisions and is directed and is directed by the Executive Director. The functional divisions are as follows: 1) General Administration; 2) Transportation; 3) Grain Warehousing; 4) Telecommunications; and 5) Manufactured Housing.

The Telecommunications Division interacts with other telecommunications industries as well as the Federal Communications Commission to insure that rules and regulations are adhered to. Transportation, Grain and Manufactured Housing interacts with federal agencies to ensure that standards and methods are implemented.

**Benefits of IT to the Agency**

The work of the agency is done faster, by less people. Records and documents are more accessible. Correspondence with the industries the Commission regulates is easier. Companies can make filings, access documents of interest, and reporting can often be done by disk rather than volumes of paper.

The utilization of information technology has made for more of a learning environment for the employees. With access to technology, employee morale is better, and employees enjoy being more productive because the agency is willing to invest in technology to improve their job.

**Technical Environment**

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	0	Novell Netware	0	Lotus Notes	0
Windows 9x	32	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	0	Windows 9x Peer Networks	0	Internet (POP3)	22
Windows 2000	0	Windows NT	32	OfficeVision	7
OS/2	0	Windows 2000	0	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify: )	0				

**Major Applications and Databases**

Motor Transportation - maintains all license plates, authorities, general information for each company.  
 Grain Warehouse - maintains all grain warehouse functions, licenses, etc.

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<b>Agency</b>	<b>16 - Department of Revenue</b>
<b>Agency IT Contact</b>	<b>Dick Gettemy</b>

<b>Agency Budget FY2001</b>	\$ 83,944,942	<b>Agency FTE</b>	413.9
<b>IT Budget FY2001</b>	\$ 2,261,442	<b>Agency IT FTE</b>	19

**Agency Mission**

Our mission is to serve the public by administering the state revenue laws with integrity, efficiency, and consistency.

**Agency IT Staff**

Currently, we have six staff that handle the LAN/WAN, Lotus Notes, and the IntraNet for Revenue; in addition we have seven staff that program in FoxPro or Oracle and handle LAN/WAN applications. There are currently six staff working on mainframe analysis. We also have three staff that handle the E-commerce which is EFT, e-filing and surrounding activities. There is one person that designs and maintains our Homepage through Nebraska On-Line (NOL).

**Benefits of IT to the Agency**

Currently the department uses technology to increase efficiency and also provide greater customer serves at no additional cost. One example of this is that we have setup an Internet and telephone application that allows taxpayers to check the status of their individual income tax refunds.

In looking at the overall cost of collecting general fund taxes we have seen the total cost in FY 1983-84 go from \$.0089/dollar to \$.0069/dollar in FY 1998-99 due to the use of technology this is a 20+% reduction in our cost of collecting each tax dollar. (This is calculated by dividing the general fund revenue collected by the Departments total expense in program 102.)

Another cost saving factor has been our ability to enhance communications and our ability to share workloads within the department by adding Lotus Notes. This has allowed us to help keep all staff apprized of what is happening within the organization.

By using the LAN/WAN and Corel Office staff has been able to share and collaborate on projects that have increased our workload capabilities and processing efficiency.

Technology has allowed us to scan and OCR tax returns and this has decreased the need for temporary personnel during peak tax periods. We anticipate seeing increased use in scanning in the future and see this as another way to increase the efficiency of the agency.

The value of the technology can also be looked at from a savings standpoint when we converted the General Processing System to Oracle for the Y2K compliance the estimated cost to do this on the mainframe was approximately \$750,000 but we were able to convert this within our current budget allocation. Therefore, we have saved the state approximately \$750,000 on this project alone. In addition this information is now in a database and not just a flat file format.

Currently the Department has several telephone applications that are run by us or vendors which reduce the paper in the system. They are zero annual sale tax telefile, 1040NS telefile, and EFT telefile the

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actual dollar cost saving for this is impossible to calculate because a small saving occurs in a number of areas. But we are confident this was a part of the cost reductions that we have shown above.

It is the philosophy of the Department to use technology only if it will result in either a savings of dollars spend on a specific function or will increase customer services. Automation for automation sake is not a part of the department's technology philosophy or plan.

**Technical Environment**

Connect to mainframe through Token Ring and have 100 MG Ethernet on 2nd floor.

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	0	Novell Netware	350	Lotus Notes	X
Windows 9x	360	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	30	Windows 9x Peer Networks	0	Internet (POP3)	0
Windows 2000	0	Windows NT	40	OfficeVision	0
OS/2	0	Windows 2000	0	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify: )	0				

**Major Applications and Databases**

Individual Income Tax, Corporate Income Tax, and Sales and Use Tax, Fiduciary Tax, Withholding Tax, Cigarette Tax, Lodging Tax, Litter Fee, Consolidated Liability File, Fertilizer File, Waste Fee, Drug Tax, Tire Fee, Combined Delinquent Accounts File, and Other Tobacco Tax are all significant custom applications the department has operational at this time.

- Income Tax Files; to track and process individual fiduciary, and corporate income taxes
- Sales Tax File; to track the processing of state and local sales and use tax
- General Processing System data bases; to track and process smaller tax applications such as cigarette, lodging, liter, consolidated liability file (CLF), fertilizer, waste, drug, tire and other tobacco
- E-filing data base; to track the Joint Electronic filing, Telefile, and OCR programs and moving information to the mainframe processing system
- EFT data base; to track and process the electronic payment of taxes
- Bad and return checks data base; used to track and process the bad checks and the checks that are returned to the department
- Daily deposit system data base; used to make daily deposits and upload information to the mainframe
- Imaging, scanning, and records management data base; track the image location for lookup purposes
- Gaming data base; tracks gaming license which include bingo, keno and pickle cards
- Homestead data base; this application tracks the homestead eligibility and amount of homestead payment
- Motor Fuels data base; this application tracks all motor fuels programs operated by the motor fuels division

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<b>Agency</b>	<b>17 - Department of Aeronautics</b>
<b>Agency IT Contact</b>	<b>Bob Richter (brichter@mail.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 19,812,894	<b>Agency FTE</b>	33.5
<b>IT Budget FY2001</b>	\$ 122,192	<b>Agency IT FTE</b>	1.25

**Agency Mission**

Encourage and facilitate the development and use of Aviation in Nebraska.

**Agency IT Staff**

.25 FTE, with .5 needs  
 1 - Engineer II

**Benefits of IT to the Agency**

Tangible Benefits: The agency employee's use the system to manage FAA and State grants, construction projects, databases, plan flight schedules and access budget information from within the agency and from the internet. A considerable time savings is seen in the above mentioned items as well as document preparation and storage.

Intangible Benefits: The agency provides electronic documents via our website which any airport, consulting engineer or interested citizen can access 24 hours a day.

**Technical Environment**

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	0	Novell Netware	19	Lotus Notes	0
Windows 9x	21 work-stations	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	0	Windows 9x Peer Networks	2	Internet (POP3)	19
Windows 2000	0	Windows NT	0	OfficeVision	7
OS/2	0	Windows 2000	0	Other (Specify: )	2
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify: )	0				

**Major Applications and Databases**

California Software (Accounting Package)  
 Airport Information System (Airport information database)  
 Decision Support System for Pavement (Airport pavement database)

**Databases:**

Professional File, database of aerial applicators, Department inventory  
 Visual Dbase for Windows, database of existing project grants  
 Airport Information System (Airport information database), database of existing public use airport facilities  
 Decision Support System for Pavement (Airport pavement database), database of existing public use airport pavement conditions

Nebraska Information Technology Commission  
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<b>Agency</b>	<b>18 - Department of Agriculture</b>
<b>Agency IT Contact</b>	<b>Denis Blank (denisnb@agr.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 13,821,248	<b>Agency FTE</b>	172.39
<b>IT Budget FY2001</b>	\$ 506,669	<b>Agency IT FTE</b>	7

**Agency Mission**

The Nebraska Department of Agriculture's mission is to regulate industries, as prescribed by statute; and to encourage and promote the interests of agriculture through advocacy and education.

The Nebraska Department of Agriculture regulates and works as an advocate for agriculture. The Department also collects and compiles statistics on agriculture. The Department, through regulatory licensing and inspections, assures a safe, wholesome supply of food and dairy products; conducts programs to control and eradicate animal diseases; regulates and performs inspections in the area of feed, fertilizer, pesticides, entomology, apiary, noxious weeds, and seeds; and calibrates and checks for accuracy all commercial weighing and measuring devices utilized in the state. By statute, the Department promotes the agriculture industry in its buying, selling, and development of agriculture products. It works to expand Nebraska agricultural markets, both domestically and internationally. The Department oversees the poultry and egg development and potato development committees, and provides services through contracts for other independent commodity agencies.

**Agency IT Staff**

6 FTE's current. In process of adding 1.0 FTE to our Data Center team.

**Benefits of IT to the Agency**

Tangible

- Accuracy
- Less FTE's
- Speed
- Data storage
- Simplify business
- Data accessible to multi users
- Ability to organize information
- More efficient data collection, retention, and recovery
- Disaster prevention

Intangible

- Remain current with technology
- Improve communications
- Facilitate business

**Technical Environment**

Token Ring, attached to the State's backbone and T1 lines.

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	4	Novell Netware	0	Lotus Notes	0
Windows 9x	12	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	90	Windows 9x Peer Networks	0	Internet (POP3)	100
Windows 2000	4	Windows NT	0	OfficeVision	10
OS/2	3	Windows 2000	4	Other (Specify: OV/AS400 )	100
Linux	0	OS/2 LAN Server and Warp Server	4 (being replaced)		
Mac OS	0	Other -	0		
Other (Specify: )	0				



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**Major Applications and Databases**

Food - Food Establishment Registration and Inspection  
Pseudorabies - Herd Status and Testing  
BAI Licensing - Livestock Market Licensing  
Sale Barn Payroll - Payroll for SaleBarn Vets  
Pesticide - Pesticide Applicator, Product, and Dealer Registration  
FFAL - Feed, Fertilizer, & Ag Lime Registration  
Seed Firm - Seed Firm Registration  
Apairy - Apairy Registration  
Phytosanitary - Issuance of Phytosanitary Certificates  
W & M - Weights and Measures Firm & Device Registration and Inspections  
Farm Mediation - Farm Mediation Information  
Fee Collection - Fee Collection for Boards  
AP&D - AP & D Name and Address  
Dept Name and Address - Name and Address Information  
Seed Sample - Seed Sample Testing  
Food Sample - Food Sample Testing  
FFAL Sample - Feed Fertilizer and Ag Lime Sample Testing  
Dairy Sample - Dairy Sample Testing  
Grade A - Grade A Milk  
Mfg Milk - Manufacture Milk Program  
Noxious Weeds - Noxious Weed Inspection and Reporting System  
Employee Reporting System (ERS) - Employee Time Reports

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<b>Agency</b>	<b>19 - Nebraska Department of Banking and Finance</b>
<b>Agency IT Contact</b>	<b>Jeanette Lee (jeanette@bkg.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 4,551,784	<b>Agency FTE</b>	64
<b>IT Budget FY2001</b>	\$ 447,400	<b>Agency IT FTE</b>	4

**Agency Mission**

The Mission of the Department of Banking & Finance shall be to protect and maintain the public confidence through the fair, efficient, and experienced supervision of the state-regulated financial services industries; to assist the public in their dealings with those entities; to assist those whom we regulate in a manner which allows them to remain competitive, yet maintain their soundness in compliance with the law; to fulfill our statutory responsibilities with regard to all licensees and registrants; and to investigate violations of the laws and cooperate with other agencies in seeking a timely resolution of problems and questions.

Financial Institutions. This division examines and regulates all state-chartered financial institutions. This includes depository institutions such as banks, savings and loan companies, trust companies, industrial loan and investment companies, and credit unions. Also included are non-depository installment loan companies and delayed deposit services businesses, which are licensed and examined regularly. This division also licenses and regulates installment sales companies and mortgage bankers, registers holding companies and examines the data processing operations of financial institutions.

Securities Bureau. This division is responsible for the registration of securities offerings and the licensing of industry personnel, including broker-dealers and agents. The Bureau investigates alleged violations of the Nebraska Securities Act, the Nebraska Commodity Code, the Nebraska Loan Broker Act, and the Nebraska Seller Assisted Marketing Plan Act, as well as regulating rental purchase agreements.

Administrative Staff. These areas include legal, accounting, public information, data processing, and personnel service staff.

**Agency IT Staff**

Information Systems staff consists of 4 FTE – 1 IT Manager I – management and planning, 2 IT Infrastructure Support Analyst Seniors – custom application development, maintenance and support, 1 IT Infrastructure Support Analyst – maintenance and small system development. The department has employed an IT Infrastructure Support Technician from Specialized Office Services for the past 9 months to assist with new equipment installs and general troubleshooting. We plan to keep this position for 3 more months.

**Benefits of IT to the Agency**

The Information Systems Department supports 62 staff members enabling the Agency to provide web access to required forms, electronic search to licensed and registered entities as well as general computer services. Automation enables the department to maintain a fixed staff of 62. IS continues to offer a solution to departmental data issues relative to cost, efficient and convenient storage, and on demand query retrieval. Improved efficiency by automating routine tasks, and allowing greater and faster access to information.

Nebraska Information Technology Commission  
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In the office, the limited staff we have is better able to handle the constantly growing number of licensees and registrants we supervise by utilizing the technological advances available. Additionally, we are able to provide those we regulate and the public with more information, faster than before due to our expanding use of the Internet.

**Technical Environment**

Ethernet, transition from Token Ring.

Office Vision but plan to move to Exchange Server.

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	0	Novell Netware	0	Lotus Notes	0
Windows 9x	62	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	4	Windows 9x Peer Networks	0	Internet (POP3)	65
Windows 2000	0	Windows NT	35	OfficeVision	4
OS/2	0	Windows 2000		Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server			
Mac OS	0	Other -			
Other (Specify: )	0				

**Major Applications and Databases**

The Agency develops all of its own applications. In the past we have used the AS/400 and Synon. We are currently working on a project to rewrite all our systems and move the databases to an NT SQL Server using Visual Basic.

Bank Directors	List of current bank directors
Bank Holding Companies	Name and address of bank holding companies for banks
Blanket Bonds	Bond that insures a bank
Brokers	Name/address of brokers registered in Nebraska
Business Opportunity List	Companies offering business opportunities in Nebraska
Check Processing	Status of checks received by the Department
Complaints	Name & address of complainants and corresponding institutions
Examination Schedule	Bank exam dates, hours, type of exam and exam schedules
Financial Institutions	Information on financial institutions in Nebraska including state banks, credit unions, mortgage bankers & delayed deposit services
EDP Examination	EDP examination data on financial institutions
Franchise Filings	List of franchises registered in Nebraska
Investment Advisers	Investment advisers registered in Nebraska
Registered Securities	Securities registered in Nebraska
Investigations	Information on past and present financial institution and security investigations
Securities Receipts	Receipts file for security licenses
Call Reports	Financial information on state banks and other financial institutions

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<b>Agency</b>	<b>20,25,26 Health and Human Services System (HHSS)</b>
<b>Agency IT Contact</b>	<b>Jim McGee (Jim.McGee@hhss.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 1,868,711,132	<b>Agency FTE</b>	5684
<b>IT Budget FY2001</b>	\$ 66,775,138	<b>Agency IT FTE</b>	128

**Agency Mission**

We help people live better lives through effective health and human services.

**Agency IT Staff**

	HHS IS&T	HHS Contract	IMS & Contract	HHS Other
Administration	2			
App Dev & Supp	16	1		
Facility Support	13			
Planning	5			
NFOCUS	27		60	36
CHARTS	19	6	41	
Large Systems	11	75	46	
Network/Hardware	35			
<b>TOTAL</b>	<b>128</b>	<b>82</b>	<b>147</b>	<b>36</b>

**Benefits of IT to the Agency**

HHSS is dependent on automation for ongoing operation. Over 70% of the resources of IMServices are consumed supporting HHSS. Both the breadth of service needed and the volume of customers served justify the resources used.

**Technical Environment**

Token Ring and Ethernet with WAN support.

<b>Desktop Operating System</b>	<b>Users</b>	<b>Network</b>	<b>Users</b>	<b>E-Mail</b>	<b>Users</b>
Windows 3.1	X	Novell Netware	0	Lotus Notes	4000
Windows 9x	X	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	X	Windows 9x Peer Networks	0	Internet (POP3)	0
Windows 2000		Windows NT	X	OfficeVision	0
OS/2	X (being phased out)	Windows 2000	0	Other (Specify: )	0
Linux		OS/2 LAN Server and Warp Server	X		
Mac OS		Other - Unix	X		
Other (Specify: )					

Nebraska Information Technology Commission  
**Agency Information Technology Plan Summary - 2000**

<b>Major Applications and Databases</b>
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**N-FOCUS** - A number of older programs that covered Child care, TANF, Food Stamps, etc were rolled into a single service so that one process is used through an interactive interview and automated eligibility determination.

**CWIS** - The Child Welfare Information System is an integrated system tied to the original NFOCUS effort.

**MMIS** - Through MMIS the Department currently dispenses in excess of \$700,000,000 in payments for Medicaid. This is perhaps Nebraska government's largest most complex computer system.

**CHARTS (Children have a right to support)** - The major benefit of CHARTS is to reduce the \$76,000,000 owed to children, families and the state, in Nebraska, unpaid, accumulated child support (Federal Fiscal Year 1996).

**Health Facility License Information System (HFLI)** - Alpine technology was selected as the vendor to automate licensing of facilities and support inspections and investigation of complaints. WinFrame technology is used to support remote sites.

**Safe Drinking Water System (SDWIS)** - Nebraska state government has primary responsibility for safe drinking water in Nebraska. Nebraska is cooperating with the EPA to continually modernize the software used in the process.

**Parkinson's Disease Registry** - Nebraska legislation was passed to require a Parkinson's disease registry. A Microsoft Access database is used today.

**Statewide Women, Infants, and Children Information System (WIC)** - This is a USDA sponsored program to provide food to clients through checks that identify appropriate foods. Wang Federal installed the system for Nebraska.

**Pharmacy software project** - Pharmacy software was purchased from a 3rd party vendor and is used by eight institutions: the three Regional centers, four Veterans' Homes, and the Beatrice State Developmental Center. Software is used for processing patient medication orders and related activities.

**Laboratory Information Management System (LIMS)** - The LIMS system is designed to track and manage test samples within the Nebraska State Laboratory and provide substantial reporting. It is capable of automating data collection from instruments, performing calculations, automating reporting and interacting with business functions such as pricing and accounts receivable.

**Time and Attendance Collection System (TACS)** - This software replaces the need for timecards. Time and attendance data is collected electronically by PC's running telephony software. Data is passed to NEIS so payroll employees do not need to enter time and attendance data into NEIS. The system produces reports that allow managers to better manage staffing levels and it provides reports in greater detail than are available from NEIS.

**Licensing Information System (LIS)** - This system in the Credentialing Division of the Department of Regulation & Licensure is used to license service providers in Health & Human Services. There is an Internet component that provides public access to medical practitioner license information.

**Statewide Immunization Information System** - It is intended to improve tracking and recall at public clinics and to collect all immunization data into a statewide database. Records can be searched and transferred to any location in the system. The current system has been implemented at public clinics statewide. The current system will be replaced by a new system that will expand the scope into the private sector. This requires few HHSS staffing resources.

**Accounting/Financial** - this data is used to document and track the funds received, payments made, and all other business transacted by the department.

**N-FOCUS** - this information is used to track HHSS clients across a variety of major service programs.

**MMIS** - this information is used to process, document and track all Medicaid payment transactions.

**CWIS** - this data is used to track services provided to Child Welfare clients in HHSS.

**OIS** - this database contains images of all birth certificates in Vital Statistics and is used to meet requests for copies of birth certificates and track birth statistics.

**CHARTS** - this data is used to process, document, track and enforce all state child support payments.

**LIS** - this information is used to process and track medical practitioner license application and renewal as well as all disciplinary actions taken against licensed medical professionals by HHSS.

**TACS** - this data is used primarily in 24-hour facilities to track time worked by staff and transfer this information into NEIS.

**Payroll** - this information is used to both provide payroll information to the NEIS and salary cost data to the department's accounting system.

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<b>Agency</b>	<b>21 - State Fire Marshall</b>
<b>Agency IT Contact</b>	<b>Lori L. Loyd (lloyd@sfm.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 3,941,297	<b>Agency FTE</b>	63.8
<b>IT Budget FY2001</b>	\$ 45,377	<b>Agency IT FTE</b>	1

**Agency Mission**

The State Fire Marshall's mission is to provide measures for life and property protection on fire, environment and accessibility issues through education, inspections, and training.

**Agency IT Staff**

One agency employee is responsible for supporting all technology in the agency. Assistance from IMS staff and other vendors is utilized as needed.

**Benefits of IT to the Agency**

Although the workload increases, the agency is experiencing a reduction in staff and static funding. This requires the agency to seek other funding sources and to review our procedures and existing technology to find methods to accomplish more work with fewer resources. One step in this direction is to provide all employees with the necessary tools so they can complete their work in a more efficient manner. The agency can no longer afford to ignore the benefits of utilizing information technology to achieve our goals.

During the past year, PCs were purchased for those employees who either did not have a PC or were still using a 386 or 486 PC. All deputies are now able to do their own word processing and use existing applications to prepare their timesheets and other paperwork. This has eliminated wasted time by the deputy in handwriting reports and other materials and then sending them to support staff to type and send out. The purchase of additional PCs and notebooks is planned to replace the older Pentium PCs and notebooks not replaced last year. We will also be purchasing more LCD projectors and notebooks to use for training purposes.

Additional investment in information technology is necessary to continue our goals to increase the workflow, become more efficient, and decrease costs. We will continue to evaluate our current computing environment and explore existing and emerging technology to find better methods to accomplish our daily work and to decrease turnaround time and costs in doing our work.

**Technical Environment**

12 employs in main office are networked, 4 are on Ethernet network and 8 are connected through Token Ring network in the TSB building to the backbone (little file sharing on Token Ring network).

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	2	Novell Netware	0	Lotus Notes	0
Windows 9x	58	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	0	Windows 9x Peer Networks	12	Internet (POP3)	31
Windows 2000	0	Windows NT	0	OfficeVision	12
OS/2	0	Windows 2000	0	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify: )	0				

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<b>Major Applications and Databases</b>
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Flammable Liquids Storage Tank database developed in Focus by Information Builders Inc.

**Accounting/Financial** - The agency utilizes the state's NAS system to track payments and other expenses of the agency.

**Fire Alarm Inspectors** - This database is used to track all licensed fire alarm inspectors in the state, their mailing addresses, license number, expiration date of license, and fire alarm companies.

**Fire Departments** - Information in this database consists of fire department names, chiefs and other key department officers, mailing addresses, and various statistics on department such as number of firefighters. The information is used

**Firefighter Training** - This database is comprised of several tables which track all training taken by state firefighters and other emergency responders, firefighter and instructor certification, and scheduled courses given throughout the year as requested by fire departments.

**Fires and Incidents** - Each fire and incident a deputy investigates is assigned a number for tracking purposes. General information (date, owner name and address, occupant name and address, injuries, deaths, cause, what burned, arrests, etc) on each fire and incident are entered into this database. A separate but related database tracks fire claims reported by insurance companies and is used for statistical and investigative purposes.

**Fireworks** - This database contains information on licensed retail stands (license number, location of stand, where fireworks will be purchased, who applied for license), distributors and jobbers; display permits issued during year (date of display, location of display, who will be shooting fireworks); licensed firework display shooters; and reported firework injuries for statistical purposes.

**Flammable Liquid Storage Tanks** - Owner, location, substance stored, type and size of tank, inspection information, billing and payment information, certified and licensed installers and closure contractors, suspected releases from tanks that are reported and install and closure permits for aboveground and underground storage tanks. This information is used to track storage tanks, bill tank owners for annual registration and petroleum release funds, and information mailings.

**Grain Elevators** - This database contains information on all publicly owned grain elevators, feed mills, anhydrous ammonia and propane tank sites that are inspected by the agency and date of the last inspection. Billing and payment information for grain elevators and feed mills annual registration is also maintained in this database.

**Inspections/Orders** - This database contains all inspections conducted by agency deputies and the corrections that need to be made by the facility to be in compliance with state codes and regulations.

**National Fire Incident Reporting System (NFIRS)** - This is a national reporting system developed and maintained by the US Fire Administration (USFA) to collect uniform fire and incident statistics from the nation's fire departments. Fire departments use this system to report all fires and incidents (false alarms, hazardous material calls, EMS calls, etc) that they respond to each year. The data is forwarded to USFA periodically for inclusion in the national database.

**Payroll** - The agency utilizes the State's NEIS system to track employee classifications and salary costs.

**Pipeline** - Information on pipeline inspections and pipeline companies.

**Plan Reviews** - This database contains information on all plans submitted to the agency for code review. This information includes type of project, cost of project, recommendations and corrections recommended/required by our plans reviewers for the submitted plans to meet building codes adopted by the agency.

**SFM Training** - Records of all training attended by agency personnel are maintained in this database and used in reports to State Personnel.

**Timesheets** - Deputies code their activities for each pay period and this information is maintained in this database for statistical purposes and budget preparation.

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<b>Agency</b>	<b>22 Department of Insurance</b>
<b>Agency IT Contact</b>	<b>Glen Riedel (griedel@doi.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 6,723,139	<b>Agency FTE</b>	92
<b>IT Budget FY2001</b>	\$ 573,773	<b>Agency IT FTE</b>	4

### **Agency Mission**

The Department of Insurance's mission is to safeguard those affected by the business of insurance through the fulfillment of our statutory obligations and by promoting the fair and just treatment of all parties to insurance transactions.

### **Agency IT Staff**

The Department has four employees devoted to technology support. Two employees, an Infrastructure Support Analyst Senior and an Infrastructure Support Analyst support the network and two employees, an Infrastructure Support Analyst Senior and an Infrastructure Support Analyst support the Oracle database.

The Department also contracts with Suncoast Scientific to develop subsystems and to perform maintenance.

### **Benefits of IT to the Agency**

The Department's mission is to safeguard those affected by the business of insurance. Regulation of the insurance industry plays an important role in fulfillment of our mission. As part of the regulation process, the Department conducts financial and market conduct examinations of insurance companies, licenses agents and companies to write business in Nebraska, approves rates and forms related to insurance policies, and maintains a Consumer Affairs Division and a Fraud Division to investigate consumer complaints.

In order to perform examinations as efficiently as possible, several tools developed by the NAIC are utilized. Without the use of these tools, the Department would have to develop and maintain these tools and also purchase any related software required to run other tools. Because the NAIC database is a repository of financial and market conduct information/actions, there is a time savings in the amount of research necessary to plan an examination.

In order to manage the large amounts of information the Department must maintain to properly regulate the insurance industry, NIIMS was developed. Prior to the implementation of NIIMS, limited licensing and investigative information was maintained on the State's mainframe. Among other benefits, NIIMS has allowed the Department to more accurately and efficiently track compliance with licensing requirements and has allowed the Consumer Affairs and Fraud Divisions to more efficiently manage investigative activities. NIIMS also allows various divisions to access one database instead of have several different databases that duplicate information.

Because of the investment the Department has in using technology to manage information, it is vital that the resources identified continue to be part of the Department's strategy to safeguard those affected by the business of insurance. This includes constantly upgrading not only the hardware and software, but also the skills the I/S staff must possess to maintain these systems.

### **Technical Environment**

The network consists of Novell NetWare v4.10, v4.11, v5.0 and Windows NT v4.0 servers connected to Microsoft Windows 95, 98, and NT v4.0 workstations using a Token-Ring topology. The Local Area Network includes an IBM 8272 16-Port Switch to segment each floor on it's own ring as well as directly connected to the servers to support full duplex communications between the servers and the switch.

One server, NetWare v4.11, supports Oracle for NetWare v7.4 database which in turn supports the Nebraska Insurance Information Management System (NIIMS) application. A second server, NetWare v4.11, also supports



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Oracle for NetWare v7.4 database for testing and development purposes. A third server, NetWare v5.0, supports Computer Associates ARCserve v6.6 data backup software. A duplicate backup server is being created for off site storage to prepare for complete on-site loss of data and equipment. A fourth server, NetWare v4.11, supports file and print services and seven CD-ROM devices that allow access to CD-ROM disks via the network. It also supports NetWare for SAA v3.0 Gateway for Mainframe communications. The Windows NT v4.0 server supports the Internet Access Router, Lotus Notes Domino v5.0 as a local and internet E-Mail system.

A dedicated PC uses Elron's Secure OS for the On-Gaurd Firewall. This separates the department's LAN with the State's LAN (which provides internet access). Plans are to replace this system with Novell's Border Manager explained below.

Plans are to build a Novell NetWare v5 server to house the following services: Novell's Border Manager Firewall, Network Address Translation, Domain Naming Service, Dynamic Host Configuration Protocol. This server will effectively replace the existing Firewall and reduce the number of services on the Windows NT v4.0 server. Plans for the Windows NT v4.0 server include a reduction of services to Lotus Notes only. This will provide a hardware upgrade path and make room for additional Lotus Notes services.

Three workstations have Reachout Remote Control software to allow laptops to access the network functions via modem. This is used by Field Examiners that need to retrieve information from our network.

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	0	Novell Netware	100	Lotus Notes	94
Windows 9x	100	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	1	Windows 9x Peer Networks	0	Internet (POP3)	0
Windows 2000	0	Windows NT	0	OfficeVision	0
OS/2	0	Windows 2000	0	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify: )	0				

**Major Applications and Databases**

Nebraska Insurance Information Management System (NIIMS)

In April 1993, the Department of Insurance began the creation of an agency-wide database called the Nebraska Insurance Information Management System (NIIMS). NIIMS is a relational database of insurance regulatory information and is designed to replace the old agent licensing, consumer affairs, professional medical liability, and internal accounting systems. NIIMS provides new capabilities to track regulatory actions and information about insurance companies and people involved in the business of insurance. This database allows all employees access to basic information concerning companies and provides specific information based on the individual division's needs and responsibilities.

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<b>Agency</b>	<b>23 - Nebraska Workforce Development - Department of Labor</b>
<b>Agency IT Contact</b>	<b>Robert Shanahan (bshanahan@dol.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 36,853,521	<b>Agency FTE</b>	478.12
<b>IT Budget FY2001</b>	\$ -	<b>Agency IT FTE</b>	34

**Agency Mission**

Under current Nebraska law, the Commissioner of Labor and Workforce Development - Department of Labor work to: foster, promote and develop the welfare of wage earners; improve working conditions; advance opportunities for profitable employment; adopt and enforce industrial safety codes; enforce state laws governing working conditions, hours of labor, and employment of children; administer the Employment Security Law. Nebraska Workforce Development provides the framework for a system that focuses on meeting the needs of businesses for skilled workers; and the training, education, and employment needs of Nebraska's citizens.

**Agency IT Staff**

Information Technology Support to Labor systems is provided by a team comprised of internal Labor Department staff, State IM Services staff, contractor resources, and vendors. Labor staff includes;

- 20 Individuals providing primarily application development, maintenance and support or both airframe, and personal computer based applications
- 4 individuals providing primarily mainframe submission, output and mail processing asks
- 10 individuals providing primarily infrastructure support including; network administration, equipment maintenance and repair, and agency level help desk services
- First level work group applications software support is provided by Personal Computer Liaisons, a designation which allows identified employees to spend up to 10% of their time providing software support to co-workers. Approximately 41 Labor employees, located in all business units of the organization, are designated as Liaisons, with time spent ranging from 0 to 10% for each individual.

**Benefits of IT to the Agency**

Nebraska Workforce Development – Department of Labor’ s investment in technology is designed to add value, increase customer choice, and increase efficiencies. The Department’ s evolving model of services requires more self service opportunities, more choice in methods of accessing services, and increasing levels of cooperation between partners in Nebraska’ s Workforce Development System. Technology is the key enabling tool which will allow achievement of those goals.

On demand, local labor market information, data exchange programs that result in fund collection, and similar efforts illustrate use of technology to add value to the products of the Department of Labor. Nebraska’ s Job Bank and Talent Bank increase customer choice. Remote Initial Claims, and Internet certification and licensing are examples of technologies that result in increased efficiencies.

Office automation products, including electronic mail and scheduling have become part of the daily life of the Department following the extension of network services to every desktop. Intranet delivery of information and guidance has increased the speed, and quality of communication in the Department.

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**Technical Environment**

Mixture of networked PCs and thin clients. Thin clients connect to NT based multi-user Terminal Servers.

5 Windows terminal server; 1 Sun System (federal UI transmittals).

LAN and 25 remote sites on WAN are 16M Token Ring running TCP/IP. Remote sites connect to backbone via T1 frame relay.

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	0	Novell Netware	0	Lotus Notes	0
Windows 9x	200	Windows for Workgroups	0	Microsoft Exchange	612
Windows NT	355	Windows 9x Peer Networks	0	Internet (POP3)	612
Windows 2000	0	Windows NT	555	OfficeVision	55
OS/2	2	Windows 2000	0	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify: Windows Terminal System, Sun System )	5 1				

**Major Applications and Databases**

Program Supported System	Name System	Acronym	Platform
Appeal Tribunal	Appeal Tribunal Automated System	ESP	Mainframe
Employment Services	Occupational Codes	DOT	Mainframe
Employment Services	Enhanced Nat'l Data	END	Mainframe
Employment Services	ES/NWAS	ES/NWAS	Mainframe
Employment Services	Job Bank Index	JBK	Mainframe
Employment Services	Job Bank	JBK	Mainframe
Employment Services	Labor Re-Employment Services	LRS	Mainframe
Employment Services	Management Info Reporting	MIR	Mainframe
Employment Services	Online Data Systems	ODS	Mainframe
Employment Services	Auto Dialers	ODS/ODD	Mainframe/ Client Server
Employment Services	Online Reporting Requests	ORR	Mainframe
Employment Services	SESA Automated Management Reports	SAM	Mainframe
Labor Market Information	LMI Monthly Report/post year-end conv	ALM	Mainframe
Employment Services	Validity Generalization	VGS	Mainframe
Finance & HR	Cost Accounting Common Intake	FCI	Mainframe
Finance \$ HR	Cost Accounting Time Distribution	FTD	Mainframe
Finance & HR	Keyfast data entry screens	KEYF FTD	Mainframe
Labor Market Information	Business Condition Survey	BBR	Mainframe
Labor Market Information	WIA Consumer Reports/ Eligible Providers	Consumer Reports	Client Server/ Web
Labor Market Information	New Labor Unemployment Statistics	LUS2000	Client Server
Labor Market Information	Mass Layoff Statistics	MLS	Mainframe
Labor Market Information	Labor Unemployment Statistics	LUS	Mainframe
Shared System	Agency CICS Menu/driver	FIS	Mainframe
Shared System	Forms Design	ISIS	Client Server
Shared System	Production Mail Processing	MIX	Mainframe
Unemployment Insurance	Employer Benefit Charges	ESC	Mainframe
Unemployment Insurance	Benefits/Employment Security Payments	ESP	Mainframe
Unemployment Insurance	Neb-dial IVR	ESP	Mainframe/ Client Server
Unemployment Insurance	Benefit Claimant Profiling Quarterly Reports	ESP/LRS	Mainframe
Unemployment Insurance	Benefits Performance Quality Review	ESP/QPI	

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		Mainframe	
Unemployment Insurance	UI/NWAS	ESP/NWAS	Mainframe/ Client Server
Unemployment Insurance	Benefit Audit Tracking System	BATS	Mainframe
Unemployment Insurance	UI BPCU New Hires	NHR	Mainframe
Unemployment Insurance	Quarterly Internet Crossmatch	BCC	Mainframe
Unemployment Insurance	Overpayments/Employment Security	ESO	Mainframe
Unemployment Insurance	Income Tax Intercept	ESP	Mainframe
Unemployment Insurance	Cost Model MIS Reports	ESP	Mainframe
Unemployment Insurance	Performance Measure Review	ESP/PMR	Mainframe
Unemployment Insurance	Information Exchange Network	IEN	Mainframe
Unemployment Insurance	UI CICS menus/internal security	UIS	Mainframe
Unemployment Insurance	UI interstate claims/ ICON/ IBIQ/ WICS	ESP	Mainframe
Unemployment Insurance	Benefits/ES registration match	ESR	Mainframe
Unemployment Insurance	Benefit Payment Statistics	BPS	Mainframe
Unemployment Insurance	Benefit Quality Control	ESP/BQC	Mainframe
Unemployment Insurance	Employer Tax/Contributions	ETS	Mainframe
Unemployment Insurance	Field Audit Laptop System	ETS/EWR	Client Server
Unemployment Insurance	Employer Wage Reporting	EWR	Mainframe
Unemployment Insurance	Wage Tape Processing	EWR	Mainframe
Unemployment Insurance	Revenue Quality Control	ETS/RQC	Mainframe
Unemployment Insurance	Treasury Checks & Bank Reconciliation	ESP	Mainframe
Finance & HR	Financial Accounting Reporting System	FARS	Client Server
Finance & HR	Web Based Time Reporting	WBTD	Client Server/ Web
Labor Market Information	Nebraska Statistical Tracking and Reporting System	NSTARS	Client Server/ Web
Shared System	Nebraska Workforce Access System	NWAS	Client Server/ Web
Labor Market Information	Individual Training Account Support System	ITA	Client Server/ Web
Safety and Labor Standards	Elevator/Amusement Ride Inspection Support System	LEI	Mainframe
Safety and Labor Standards	Nebraska Boiler and Pressure Vessel Tracking System		Client Server
Safety and Labor Standards	Contractor Registration Support System		Personal Computer
Workforce Investment Act	Training Reporting Exchange System	TREX	Client Server

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<b>Agency</b>	<b>24 Department of Motor Vehicles</b>
<b>Agency IT Contact</b>	<b>Keith A. Dey (kdey106798@aol.com)</b>

<b>Agency Budget FY2001</b>	\$ 19,284,074	<b>Agency FTE</b>	192.21
<b>IT Budget FY2001</b>	\$ 2,946,992	<b>Agency IT FTE</b>	5

**Agency Mission**

The mission of the Nebraska Department of Motor Vehicles is to promote safety through education and regulation of drivers and motor vehicles and to collect revenues that provide resources for state and local government operations.

**Agency IT Staff**

The DMV employs 5 FTE that are devoted to supporting the IT functions of the Department.

The IS Division also manages 7 persons to perform application development. These FTE include:

- 3 FTE IMServices Application Developers
- 4 Contract Application Developers

**Benefits of IT to the Agency**

As the demands on government increase and the resources available to meet the needs of the public are reduced or held constant, the value of information technology and the management of information becomes critical to the success of every Department within the state.

The Department of Motor Vehicles is in the process of completing its strategic plan for the next 3 year period. The focus of our plan is to improve safety through improved operations and customer service.

In order to accomplish the objective of the plan the DMV will expand and maximize its technical resources and utilize current technologies to work more efficiently. (See section 4 for the specific goals and objectives of the DMV Information Systems Division.)

The value of technology within the DMV: Increased employee productivity and expanded services to the customer.

Examples of increased employee productivity and expanded services to the customer:

Implementation of an digital image filing systems in the Financial Responsibility Division – Reduced 4 FTE

Implementation of a 'One-Stop' service environment and electronic access to temporary IRP credentials in the Motor Carrier Services Division – Reduced FTE

Implementation of the Plate Management System in the Driver and Vehicle Records Division – Reduced redundant manual work and FTE hours

Partial out-sourcing of the data entry function of driver records – Reduced FTE

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Reallocation of duties within the Information Systems Division – Reduced 1 FTE and provided additional network technology specialist.

**Technical Environment**

(see Plan) 4 midrange; 1 mainframe; 90 PCs

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	22	Novell Netware	0	Lotus Notes	2
Windows 9x	68	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	0	Windows 9x Peer Networks	0	Internet (POP3)	28
Windows 2000	0	Windows NT	0	OfficeVision	181
OS/2	0	Windows 2000	0	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other - AS/400 Client Access	26		
Other (Specify: )	0				

**Major Applications and Databases**

**Financial Responsibility Division:**

- FRD1000 – User interface between legacy application and document imaging system. (AS/400)
- DMV driver record processing (Mainframe)

**Administration Division:**

- Accounts Payable Processing – Access database application (PC)

**Motor Carrier Services Division:**

- IRP (International Registration Program) commercial vehicle registration processing (AS/400)
- IFTA (International Fuel Tax Agreement) fuel tax reporting and collection processing (AS/400)
- SSRS (Single State Registration System) commercial vehicle registration processing (AS/400)
- OS/OW (Oversize/Over-weight) commercial vehicle permit processing (AS/400)

**Highway Safety Division:**

- TSI – Traffic Safety Information system (Mainframe)

**Legal Division:**

- DMV driver record processing (Mainframe)

**Driver and Vehicle Records Division:**

- VTR (Vehicle Title and Registration) registration and title processing for motor vehicles and water craft (AS/400 & Mainframe)
- DMV driver record processing (Mainframe)

**Examining Division:**

- Driver School and Instructor Certification – dBase V application
- DMV driver record processing (Mainframe)

**IRP, IFTA, SSRS master database:**

Includes: name, address, carrier number, dot number and credential status by carrier and commercial vehicle

**VTR master database:**

Includes: name, address, title and registration status by vehicle, owner and license plate

**Licensing master database:**

Includes: name, address and driving record by name and license number

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<b>Agency</b>	<b>27 - Department of Roads</b>
<b>Agency IT Contact</b>	<b>Jon Ogden (jogden@dor.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 526,969,729	<b>Agency FTE</b>	2293.8
<b>IT Budget FY2001</b>	\$ 18,196,450	<b>Agency IT FTE</b>	90.5

**Agency Mission**

We provide and maintain, in cooperation with public and private organizations, a safe, efficient, affordable and coordinated statewide transportation system for the movement of people and goods.

**Agency IT Staff**

Of the 2,293 FTE positions authorized for the Department of Roads, 90.5 positions are dedicated to Information Technology related functions. The general breakdown is 10 management and clerical/administrative support positions, 12 computer operations positions, 23 applications development positions, 3 application development support positions, 24.5 network & user support positions, and 18 business analyst positions. In addition, the department supplements its work force with both contract workers and consultants. Contract workers are used to provide skills and/or knowledge in technology not available from its FTEs or to supplement its work force for short or middle term work shortages. These contracts are one-year work agreements for full or part time assistance. Currently the department has 21 contract workers on its work force [3 in infrastructure support, 5 in application development support, and 13 in application development]. In addition to the contract workers the department has 4 agreements with consulting companies: 3 to perform strategic planning studies [GIS Strategic Planning, Document Management Strategic Planning, and Electric File Management], and 2 to provide user applications [Highway Safety Document Workflow System and Automated Permits System].

**Benefits of IT to the Agency**

An agency with limited resources, facing ever-increasing demands for services, must take advantage of information technology. However, the Department's investment in IT is designed and dedicated to adding value to our service and product. We are concerned about our IT investment becoming a business tool, not a bell or whistle.

Our investment (overseen by the IT Cabinet) focuses on those areas within the Department that will be impacted by an Information Technology decision and/or investment. We review how our making an investment in Information Technology (of any kind) will impact the employees that will make use of it or will be impacted by the investment. Translating the benefits to be realized into dollars saved or avoided is difficult. Many benefits are non-quantifiable, but common sense indicates that having this technology makes our employees more efficient, able to do more, and adds more values to the process.

We can no longer depend upon regular mail for statewide communications. Other than those obvious efficiencies of day to day electronic communications, the rapid transmittal of information about storms, traffic crashes, spills, etc. is expected. Utilizing email, the web, Internet, and Intranet technology we have made the sheer geographic size much less imposing and have increased our efficiency. Scientific IT applications are being used by our partners and customers. If we are to accomplish our mission and meet customer expectations, we must take advantage of the information technology that is available. Rapid analysis and display of data, computer aided design, accurate and rapid computation of quantities, remote entry and accessibility to information are just a few of the applications that enable the NDOR too manage a construction program that has doubled in the past 15-years - with the same number of employees.

As contractors, consultants, and customers rely on IT for communications and other business applications, the Department must keep pace. Failure to do so will place the state and Department at a significant economic disadvantage and will increase the cost to the taxpayer. IT applications and resources can increase the production and performance capacity of state employees.

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**Technical Environment**

28 Servers; 1413 PCs; 672 Laptops; 161 Laser printers; 362 Inkjet; 8 Plotter; 71 Scanners.

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	0	Novell Netware	0	Lotus Notes	1700
Windows 9x	0	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	X	Windows 9x Peer Networks	0	Internet (POP3)	0
Windows 2000	0	Windows NT	X	OfficeVision	0
OS/2	Moving to	Windows 2000	Moving to	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify: )	0				

**Major Applications and Databases**

**In-house Developed Applications**

**Accounting/Financial Systems** - BIS-Budget InformationCSF, Cash Flow, CST-Cost Accounting, GLS General Ledger, MJE-Misc. Journal Entries, PFS-Project Finance, RBS-Roads Billing, RFE-Roads Financial Edit, RPS-Roads Payable VRS-Voucher Register

**Agreement Monitoring System** - AGS – Agreement Monitoring

**Bridge Inventory & Rating System** - BIR – Bridge Inventory & Rating

**Construction Contract Management** - CON-Construction ManagementDBE-Disadvantaged Bidders Environment

**Engineering Applications** - BIR-Bridge Inventory & Rating, BRG-Bridge Design & Analysis, CCS-Concrete Control, ENV-Environmental Programs, GEO-Geometric Programs, MTL-Materials & Testing, RDS-Roadway Design, ROW-Right-of-way, SRV-Land Surveying, UTL-Utility Management, WMB-Wetlands Mitigation Bank

**Highway Accident Reporting** - HSI-Highway Safety Information, HLA-Hazardous Location Analysis

**Highway Maintenance Management** - MMS-Maintenance Management, EMI-Equipment Management

**Human Resources** - EAR-Employee Accident Reporting, PAP-Personnel & Payroll, PDS-Payroll Detail, RNE-Roads NEIS Extract

**Project/Program Management** - BAM-Bid Anal. & Monitoring, CSL-Consultant Management, EST Estimating Costs, LET-Project Letting, MRK-Market Analysis

**Project Control** - PES-Project Cost Estimating, PSS-Pre-construction Scheduling, SRD-Secondary Roads

**Purchasing & Supplies** - FCC-Fuel-Credit Card

**Transportation Planning** - HWY-Highway Planning, IHI-Integrated Hwy Inventory, PLN-Planning, SRE-Sight Restriction, TRF-Traffic Counting

Accounting/Financial this data is used to document and track the funds received, payments made, and all other business transacted by the department.

- Agreements - this information is used to track the contracts the department has with consulting companies and is also used to process payments to these consultants.
- Construction Records - this information is used to document the work accomplished during the highway construction projects, materials used, compliance to contact specifications, and to determine the progress payments to be made to the contractors.
- Highway Design Data -This data is used to design highway construction projects, provide construction plans to construction contractors and department.
- Highway Inventory - This information is used in the monitoring the condition of the state's highway facility and determining the highway improvements needed to maintain a safe and adequate transportation system, and to decide the highway improvement projects to be included in the departments annual highway program.
- Payroll - this information is used to both provides payroll information to the NEIS and salary costs data to the department's accounting system.
- Project Costs - this data is used to track project costs and bill the Federal Highway Administration for reimbursement.



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<b>Agency</b>	<b>28 - Department of Veterans' Affairs</b>
<b>Agency IT Contact</b>	<b>Daniel L. Parker (dparker@mail.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 639,553	<b>Agency FTE</b>	13
<b>IT Budget FY2001</b>	\$ 10,400	<b>Agency IT FTE</b>	0

**Agency Mission**

The mission of the Department of Veterans' Affairs is to provide assistance to Nebraska's veterans and their dependents in acquiring county, state and federal benefits to which they are entitled by virtue of their service to this country.

- Administer State benefit programs for qualified Nebraska veterans and eligible dependents.
- Prepare and present cases on state and federal benefits for qualified Nebraska veterans and their eligible dependents.
- Serve as the state's chief advocate for the veteran's position on all issues, legislative or otherwise, that impact their benefits, their status or their social well-being.

**Agency IT Staff**

The Department has no staffing dedicated to Information Technology related functions. We rely on the DAS PCLAN Division and IMS for all technical support.

**Benefits of IT to the Agency**

The Department of Veterans' Affairs is a small code agency with 13 FTE's. We have limited resources and along with other agencies in state government face the increasing demand for services. With limited resources we must be extremely efficient when designing and dedicating funds to Information Technology decisions. We have been conservative in our approach in order to obtain the most value for our investment. At times this has limited us in creating alternatives that large agencies may have available through staff and other resources. We have met the challenge with improved communication by use of the internet and fax capabilities. Word processing enables us to streamline functions and maximize the efficiency of staff. As a result, we are able to provide faster service to veterans and their dependents. As a small agency with the support and cooperation of DAS, DOC and IMS we will continue to be an agency that provides efficient and quality service to the veterans, dependents and other veteran stakeholders in the State of Nebraska.

**Technical Environment**

The Department currently uses a small net for data transfer and sharing printers that uses an Ethernet environment through one PC as a server. The VALAN uses an Ethernet environment.

13 PCs; 2 Laptops

<b>Desktop Operating System</b>	<b>Users</b>	<b>Network</b>	<b>Users</b>	<b>E-Mail</b>	<b>Users</b>
Windows 3.1	0	Novell Netware	0	Lotus Notes	0
Windows 9x	0	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	13	Windows 9x Peer Networks	0	Internet (POP3)	13
Windows 2000	0	Windows NT		OfficeVision	5
OS/2	0	Windows 2000	0	Other (Specify: )	
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS		Other -	0		
Other (Specify: )	0				

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**Major Applications and Databases**

The Department uses products associated with the States Mainframe for access to NAS, NEIS, Office Vision and Budget Citrix. The Department's State Service Office uses products to allow access to the US Department of Veterans' Affairs (VA) LAN.

Applications Unique to VALAN:

SOFTWARE

- COVERS – Claims folder tracking program
- AUTOMATED MEDICAL INFORMATION EXCHANGE (AMIE) – Medical Examination/ Information retrieval program.
- BENEFITS DELIVERY NETWORK – Veteran/ Dependents claim information tracking system.
- BOARD OF VETERANS APPEAL (VACOLS) – Veterans Appeals tracking system through the appellate court system.
- Databases:

Accounting/ Financial: use of NAS for all business transactions

Payroll: use of NEIS for payroll transactions

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<b>Agency</b>	<b>29 - Department of Natural Resources</b>
<b>Agency IT Contact</b>	<b>Gayle Starr (gstarr@dnr.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 21,294,103	<b>Agency FTE</b>	88.5
<b>IT Budget FY2001</b>	\$ 557,536	<b>Agency IT FTE</b>	8.5

**Agency Mission**

Administer the state's water resources in accordance with the prior appropriation doctrine; register new wells; inspect dams and promote dam safety; administer the state's water supply and carry out cooperative programs to provide for the long-term protection of the state's natural resources while ensuring that major and social impacts are fully considered.

**Agency IT Staff**

**Data Bank:**

- 1 FTE - IT/Data Bank management, coordination and planning
- 3 FTE - GIS/ RDBMS Custom applications development and support
- 1 FTE - GIS data base development ( DOQs, NHDs and SSURGO soils)
- 1 FTE - GIS Applications and User support
- 1 FTE - LAN/WAN system and Infrastructure support
- 1 FTE - PC and IT Infrastructure support

**(IT related): Natural Resources Planning and Assistance Division**

- 2.2 FTE - GIS data development (Tagged Vector and SSURGO soils)
- 1.5 FTE - GIS data development (general)
- 1.3 FTE - GIS data development (Floodprone Area Mapping)
- .5 FTE - GIS mapping for studies
- 1.5 FTE - Modeling/Database Use for Studies/Calculations
- 1.0 FTE - Web/Computer/Mapping Assistance

Under the above estimate 7.5 to 8.5 FTEs are technology related. In most instances the staff have duties split between information technology related work and other work. The staff includes 3 engineers, 2 technicians, 2 water resources planners, a geologist, an economist and a supervisor.

**Floodplain Management /Dam Safety Divison:**

The Ten members in this division, including the Survey/Photogrammetry section, are all involved to some extent with information technology.

**IT Related Staff involved in DWR functions prior to the merger**

- 1 FTE - IT coordination, planning and management
- 0.5 FTE - GIS applications development
- 3 FTE - Data entry (6 staff half time approximately)
- 0.5 FTE – Platte River Natural Flow and Storage Water Accounting Program – N. Platte Division Office

**Benefits of IT to the Agency**

**Department of Water Resources:**

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In order to accomplish its mission, the agency registers, collects, maps, reports and publishes, and makes available upon request (via NRC Data Bank) a vast amount of water resources information. The technology that has been put in place is to assist agency staff (local and remote offices) regarding this mission. Without the information and the technology to use this information, agency staff would spend hours going through paper or microfilmed files. The agency would be unable to respond adequately to the need for others to access, in bulk or summary, this data.

**Natural Resources Commission:**

The objective of the NRC Data Bank is to provide an integrated approach to database development, information storage, and data sharing of natural resources information with government agencies, academic institutions, private organizations and the general public. This information is available over the Internet through its web site.

The goal of the agency is also to provide information and recommendations to the Governor and Legislature on natural resource policy and issues, and to provide technical assistance to state, federal, local agencies and the natural resources districts involved in natural resources issues.

The use of the technology, applications, and databases allow the agency to provide the best utilization of its resources and in an efficient manner.

<b>Technical Environment</b>
------------------------------

NRC uses Windows NT Systems to manage its LAN, and UNIX systems (SUN Solaris, LINUX) to manage its Ethernet (TCP/IP) WAN including DNS, Email, FTP, and Web hosting/serving services. Additionally, Sun workstations are used as GIS workhorses and they also supplement the Linux systems.

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	3	Novell Netware	0	Lotus Notes	2
Windows 9x	42	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	59	Windows 9x Peer Networks	0	Internet (POP3)	80
Windows 2000	0	Windows NT	8	OfficeVision	10
OS/2	0	Windows 2000	0	Other (Specify: )	0
Linux	3 servers	OS/2 LAN Server and Warp Server	0		
Mac OS		Other - UNIX	6		
Other (Specify: UNIX)	4 servers				

<b>Major Applications and Databases</b>
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COQtoDOQ – Uncompress Digital Orthophoto Quadrangle  
 Overnight Batch Processing  
 CGI WIN Interactive Web Applications  
 Nebraska Map Interactive  
 XtapeLib - Tape Management Library  
 XDOPS - Interactive Digital Orthophoto Projection System  
 Inventory Management  
 Purchase Order Management  
 Legal2UTM - Projection to NAD 27 zone 14 UTM coordinates  
 PCLostYR - Percent lost of well saturated thickness in critical areas AvgTownship - Average percent lost of the saturated thickness by township  
 GeoParm - Geohydrologic parameters for lithology of geologic testhole logs BuildLayers - Grouped lithologies layers av. specific yield & hyd. conductivity  
 JoinLayers - BuildLayers into GMS format

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Baseflow - Reformat USGS streamflow into MS Excel for baseflow computations  
BuildStatePlane2Grid - State plane grid system into ArcInfo Point/ Line formats  
DLG2ARC - DLG formatted data into ArcInfo Point /Line Generate formats Groundwater Management  
Plan application estimates many hydrologic and geologic parameters by NRD  
Real Estate Appraisers Board web application  
Water Quality Clearinghouse web application  
Nebraska Environmental Trust web application  
QuadFinder - List quadrangles in a section location  
GrabMem – Captures addresses from Mainframe Nebraska Soil and Water Conservation program and  
inserts into MS Access database for later mail merge for outgoing letters.  
Platte River Natural Flow and Storage Water Accounting Program

**Department of Water Resources:**

Surface Water Rights - Surface water administration  
Water Well Registration – Groundwater management program  
Dams Inventory - Safety of dams program  
River and Canal Discharge Observations - Surface water administration  
Republican River Compact – Water use reporting  
Ground Water Permits Data Base - Groundwater management program  
Surface Water Miscellaneous Filings Data Base - Surface water administration  
Environmental Assessment Data Base - Surface water administration  
Water Well Contractor Reports Data Base - Groundwater management program  
Map Approval Data Base – Surface water administration  
Platte River Natural Flow and Storage Water Accounting Program - SW administration

**Natural Resources Commission:**

Digital Orthophoto Quadrangles – Natural resource planning  
Digital Elevation Models – Natural resource planning  
Soil Surveys (SSURGO) Soils – Soil resources conservation and planning  
Tagged Vector Contour data – Natural resource planning  
Hydrologic Units - Watershed Planning  
Public Land Survey System – Natural Resource Planning  
Interpretative data - Natural Resource Planning  
GPS Ground controls – Production of DOQs  
Flood Prone Maps - Flood plain management  
Conservation Fund – Soil resources conservation and planning

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<b>Agency</b>	<b>30 - State Electrical Division</b>
<b>Agency IT Contact</b>	<b>Terry Carlson (tc90104@alltel.net)</b>

<b>Agency Budget FY2001</b>	\$ 954,149	<b>Agency FTE</b>	16
<b>IT Budget FY2001</b>	\$ 33,500	<b>Agency IT FTE</b>	0

**Agency Mission**

We are dedicated to public protection by ensuring Nebraskans electrically safe and mechanically secure electrical installations through licensing and inspection.

**Agency IT Staff**

The agency contracts with private vendors or IMS analysts for development or specific applications. Currently there are no FTE allocated to technology related job titles.

**Benefits of IT to the Agency**

The investment in information technology allows integrated operation of the electrical license and inspection programs. With this system, licensing information can be received prior to issuance of permits. Field inspectors have instant access to licensing and inspection records which is necessary to determine the status of license holders and issued permits. Daily information requests and forms are transferred electronically from the inspectors to the main office and from the main office to the inspectors. Time consuming paperwork has been replaced with electronic communications, and the electrical inspector spends less time on paperwork and more time providing licensing and inspection enforcement services which is more in line with the agency mission.

**Technical Environment**

14 Laptop; 3 PCs; 1 Server; 1 IRSY call-in PC; 1 Laser printer; 17 Deskject/impact printers; 1 scanner

MS Network Neighborhood for three PCs utilizing the IRSY system with individual printers and shared laser printer.

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	0	Novell Netware	0	Lotus Notes	0
Windows 9x	16	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	0	Windows 9x Peer Networks	3	Internet (POP3)	1
Windows 2000	0	Windows NT	0	OfficeVision	1
OS/2	0	Windows 2000	0	Other (Specify: IRSY )	15
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify: )	0				

**Major Applications and Databases**

- Access 2000 Inspection Reporting System (IRSY) - Developed by Dakota State University, Business and Education Institute, Madison, SD
- Foxpro Examination Question Database - Developed by Multi-Options, Omaha
- Electrical Licenses - database containing electrical licenses issued by the agency.
- Electrical Inspection - database containing electrical permits issued by the agency.

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<b>Agency</b>	<b>31-Military Department</b>
<b>Agency IT Contact</b>	<b>Susan Krogman (Sue.Krogman@nema.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 15,293,586	<b>Agency FTE</b>	149.5
<b>IT Budget FY2001</b>	\$ -	<b>Agency IT FTE</b>	-

**Agency IT Staff**

We have one staff person supporting the state computer system. Within the Military Department we have both a state computer system and federal computer system. The federal computer system has not been included within these comments regarding system requirements or staffing.

**Benefits of IT to the Agency**

The Agency computer system has allowed our employees to improve productivity, reduced duplication and effectively conduct the business of state government.

**Technical Environment**

<b>Desktop Operating System</b>	<b>Users</b>	<b>Network</b>	<b>Users</b>	<b>E-Mail</b>	<b>Users</b>
Windows 3.1	0	Novell Netware	0	Lotus Notes	0
Windows 9x	X	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	X	Windows 9x Peer Networks	X	Internet (POP3)	0
Windows 2000	0	Windows NT	X	OfficeVision	17
OS/2	0	Windows 2000	0	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify: )	0				

**Major Applications and Databases**

Microsoft Access

Nebraska Information Technology Commission  
**Agency Information Technology Plan Summary - 2000**

<b>Agency</b>	<b>33 - Nebraska Game and Parks Commission</b>
<b>Agency IT Contact</b>	<b>Terry Majewski (Majewski@ngpc.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 57,659,288	<b>Agency FTE</b>	486.14
<b>IT Budget FY2001</b>	\$ 1,010,943	<b>Agency IT FTE</b>	2

### **Agency Mission**

The Game and Parks Commission is responsible for the stewardship of the state's fish, wildlife, park and outdoor recreational resources in the best long-term interest of the people and those resources.

### **Agency IT Staff**

The agency's official IT staff consists of two full time positions:  
**Information Systems Analyst Supervisor**

This person is responsible for managing and directing the agency technology applications and services.

**Information Systems Analyst**

This person reports to the Information Systems Analyst Supervisor and performs a wide array of functions related to managing and maintaining the agency information technology applications and services.

In addition to the official IT Staff there is a GIS specialist working within the Realty and Environmental Services Division and a dedicated technical support person within the Wildlife, Fisheries and Budget/Fiscal Division. These people support IT applications primarily within their own division but can and do support agency-wide applications and systems when required.

There are also a number of staff within the agency who perform Information Technology related functions but are not officially designated as Information Technology classifications. These people perform IT-related duties under the direction and approval of their supervisors as part of the ongoing work of the division.

The Agency has formed an Information Technology Committee that has a representative from the various division which meets on a monthly basis. The committee's primary purpose is communication between divisions on IT-related matters.

### **Benefits of IT to the Agency**

Current computer hardware and software is being used to maintain more complete and accessible information on the resources we manage. This allows our agency to base management decisions on more current and accurate information. Networking provides more efficient sharing of information and hardware resources and reduces duplication of equipment and data. Internet connectivity for our agency allows employees to access and query databases on remote systems, search for relevant information on research projects and keep up with current legislation affecting the agency's programs and policies. The agency's public web site on the Internet allows our customers to access information and communicate with us 24 hours a day, 7 days a week.

### **Technical Environment**

LAN of personal computers, Windows NT Workstations, NT Servers and Unix application servers. The main headquarters and district office LANs are configured as a TCP/IP network. The Lincoln headquarters LAN is connected to the Internet via a direct 'T1' communication line that goes to Alltel Communications. At Alltel, the connection links with the State of Nebraska frame relay network. Internet connectivity is provided and managed by the State of Nebraska Division of Communications through the frame relay network. Each of the agency's six (6) district offices, Omaha Metro Office, Mahoney State Park and the Outdoor Education Center at Gretna have a LAN connected to the state network backbone via a 56k communication line.



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Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	0	Novell Netware	0	Lotus Notes	0
Windows 9x	225	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	25	Windows 9x Peer Networks	225	Internet (POP3)	250
Windows 2000	1	Windows NT	25	OfficeVision	2
OS/2	0	Windows 2000	0	Other (Specify: )	0
Linux	1	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify: UNIX-Sun Solaris )					

**Major Applications and Databases**

The Game and Parks Commission has developed a number of custom applications for managing hunter education students, boater registrations, magazine subscriptions and the issuing of small game and some big game permits. All of these applications use web servers and HTML forms to connect to back-end SQL databases. The databases are stored and maintained on either Microsoft SQL server or Borland Interbase systems. There are other custom applications written in Visual Basic and other programming languages that are used within a division that are not web enabled.

**Databases**

The following major databases are maintained on the State mainframe system and are considered critical to the operation of the agency or its programs.

**State Mainframe databases and records**

- NAS and NEIS systems
- Universal Fiscal Accounting
- Property & Equipment Inventory
- Big Game Permits - Deer, Elk, Antelope Turkey and Bighorn Sheep permits
- Permit Vendor Accounting
- Wildlife Management Surveys
- Harvest Information Program (HIP)

**Major PC Based Databases hosted on an SQL Server**

- Hunter Education - Student and Instructors of the Hunter Education Program
- Boater Registration - Nebraska Boat Registrations
- Lifetime and Fee Exempt Permit Holders
- Credit Card Transaction records processed through agency web site.
- Big Game Trophy Database - hunters and trophy database
- NEBRASKAland catalog sales - mail-order records
- Fish Stocking Records - records of fish stocking in Nebraska lakes and ponds
- Master Angler Award recipients
- Game and Parks real estate holdings
- State Park and recreation area facilities
- Cowboy Trail user pass holders
- Scientific Collecting Permits

**Databases maintained on standard desktop PC**

- Property and Equipment Inventory
- Requisition & Purchase Order Tracking
- Accounts Receivable/Revenue Depositing
- GIS coverage's
- Heritage/Nature Conservancy Endangered Species Records
- Agency Budget Tracking Records
- Fish Surveys

A number of other databases are supported within each division that are considered important to the division's daily business and record keeping but are not considered agency critical.

Nebraska Information Technology Commission  
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<b>Agency</b>	<b>34 - Nebraska Library Commission</b>
<b>Agency IT Contact</b>	<b>Vern Buis (vbuis@nlc.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 4,811,399	<b>Agency FTE</b>	46.5
<b>IT Budget FY2001</b>	\$ 280,612	<b>Agency IT FTE</b>	4

### **Agency Mission**

The mission of the Nebraska Library Commission is statewide promotion, development, and coordination of library and information services. As the state library agency, the Commission is an advocate for the library and information service needs of all Nebraskans.

### **Agency IT Staff**

The agency IT staff consists of four full-time positions, one of whom recently joined the team after completing the State's IT retraining program. Because information technology is a major part of modern libraries, many other staff have significant technology-related duties.

### **Benefits of IT to the Agency**

The benefits of technology are numerous and varied. Among those most significant to the Library Commission are the following

#### Libraries = Information = Technology

Libraries are in the information business. Information is increasingly being developed, delivered and managed via computer technology. Increasing numbers of other information services are moving either to exclusive, reduced-cost, or preferential delivery of services electronically.

#### Higher Productivity

Technology can and does improve staff productivity. One of the most dramatic is the case of the Talking Book and Braille Service (TBBS). Since introduction of the Library of Congress READS automation system in 1988, TBBS client load has increased from approximately 2200 to 4400.

#### Higher Quality

Technology can and does improve the quality of staff. The desktop publishing revolution has led to dramatic improvements in the appearance and readability of Library Commission publications. While quality of publications is higher, production costs have dropped. Production time has also been reduced, allowing publications to be issued in a more timely manner. The quality of data has also improved.

#### Unique New Services

Technology makes services possible that otherwise could not exist. An example is full-text databases. Searching the Nebraska Statutes for every occurrence of a key word, for example, is only possible via computer technology. The Library Commission staff use many full-text databases to provide better information to clients; we also maintain several in order to provide better information to libraries and citizens.

#### Geographic Equality

Communications technology allows us to provide the same level of information and services to libraries and citizens in the most remote parts of the state as to those living in Lincoln. This equalizing factor is enhanced as the Internet spreads and becomes an accepted part of the infrastructure.

#### Adaptive Technology for the Disabled

Technology can also open new worlds to individuals with disabilities, who constitute a significant share of the agency's customers. The Library Commission provides an Adaptive Technology Workstation Computer (ATWAC) for use by visually impaired clients, and by other agencies who need to communicate with them. Through ATWAC, text (books, magazines, computer files) can be converted into a variety of special output formats: Braille, speech, and large type computer display.

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ATWAC also allows visually impaired users to interact with various standard computer programs and services (word processing, databases, etc.) via speech output or large-character interfaces. Advances in technology have allowed use of mostly standard, off-the-shelf hardware for adaptive technology, making this a very cost-effective way to meet special needs.

**Technical Environment**

LAN mix of 10base-T and 100base TX Ethernet. Mobile network with 8 laptops and a printer for training.

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	1	Novell Netware	0	Lotus Notes	0
Windows 9x	85	Windows for Workgroups	0	Microsoft Exchange	50
Windows NT	7	Windows 9x Peer Networks	85	Internet (POP3)	0
Windows 2000	0	Windows NT	7	OfficeVision	0
OS/2	0	Windows 2000	0	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify: )	0				

**Major Applications and Databases**

Omnibase (statewide library data and mailing list, plus OCLC & online database data)  
 LBPH (TBBS magazine circulation)  
 Library CE/Certification/Accreditation tracking

SydneyPlus Online Catalog

This database includes detailed catalog records for all books, videos, government documents, and periodicals in the Library Commission collections. The SydneyPlus software includes database management and maintenance modules, as well as a public access online catalog module. The latter is available to the public in the agency, and is also accessible via the Internet.

Agency Mailing List/Library Directory Database (Omnibase)

The core of this originated on the mainframe-based MMF system, was later migrated to a DOS-based product (FoxPro), and now in greatly expanded form exists as a Windows-based (Visual Basic/MS Access) system. It includes directory information for all Nebraska libraries as well as staff and board information. Public access is available via the Internet.

Continuing Education/Certification/Accreditation Database

This database catalogs for-credit library-related continuing education events, records attendance, and tracks other data needed to manage the certification and accreditation programs. This database will soon become part of the Omnibase.

DEC-TOP Library Database

This database organizes detailed collection, financial, and personnel information about Nebraska Libraries, as part of a nationwide U.S. Department of Education program. This data is cross-linked to Omnibase data. Public access is currently available only in print form and via on-demand custom extracts.

Talking Books & Braille Service Patron, Book, and Magazine Databases

These databases provide directory and profile information for the 4000+ patrons of the Service, as well as collection information.

State of Nebraska Publications Database

This database is maintained as a subset of the SydneyPlus database mentioned above. Like other SydneyPlus data, it is also accessible via the Internet. This database is specifically mandated in the Publications Clearinghouse authorizing legislation.

Nebraska Union Catalog

Like the State Publications database, this was once a separately-maintained, discrete product. It is now incorporated as a subset of the International OCLC bibliographic database, which is used in libraries throughout the world.

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<b>Agency</b>	<b>35 - Nebraska Liquor Control Commission</b>
<b>Agency IT Contact</b>	<b>Jerry Van Ackeren (nlcc03@nol.org)</b>

<b>Agency Budget FY2001</b>	\$ 801,467	<b>Agency FTE</b>	15
<b>IT Budget FY2001</b>	\$ 24,529	<b>Agency IT FTE</b>	-

**Agency Mission**

Our mission is to regulate and control the Alcoholic Beverage Industry within and into the State of Nebraska in an efficient effective manner in order to promote the public health, safety and welfare.

**Agency IT Staff**

Mary Messman and Debbie Jacobson.

**Benefits of IT to the Agency**

The investment made by the agency greatly enhances the exchange of information between industry members, government agencies, (Federal, State & Local), general public and attorney's offices. The license mechanisms are highly efficient over earlier manual systems. All license application forms can be downloaded by the applicants. The commission developed a web-site where many different areas of question, information can be linked and viewed by any interested party, citizens can file complaints about licensees very readily. The web-site entertains over 1,500 hits a month. Enforcement duties are enhanced due to quick access to information about the history of licensee and previous citations and results thereof. The decision of the commission to invest and develop automation systems in cooperation with IMS and internet server has paid excellent dividends to ensure commission is carrying its statutory authority assigned by the legislature.

**Technical Environment**

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	3	Novell Netware		Lotus Notes	0
Windows 9x	7	Windows for Workgroups		Microsoft Exchange	0
Windows NT	0	Windows 9x Peer Networks		Internet (POP3)	10
Windows 2000	0	Windows NT		OfficeVision	7
OS/2	0	Windows 2000		Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server			
Mac OS	0	Other -			
Other (Specify: )	0				

**Major Applications and Databases**

Nebraska Information Technology Commission  
**Agency Information Technology Plan Summary - 2000**

<b>Agency</b>	<b>36 - Nebraska Racing Commission</b>
<b>Agency IT Contact</b>	<b>Dennis Oelschlager (oelschla@linus3.nrc.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 751,636	<b>Agency FTE</b>	7.5
<b>IT Budget FY2001</b>	\$ 31,504	<b>Agency IT FTE</b>	.25

**Agency Mission**

The mission of the commission is to prevent and eliminate corrupt practices and fraudulent behavior to maintain a high level of integrity and honesty in the horse racing industry in Nebraska; to insure that all funds received by the commission are properly distributed; and, to promote agriculture and horse breeding in Nebraska.

**Agency IT Staff**

One staff position in headquarters office providing significant technology support. Contract Staffing provided to agency by DAS-IT Support estimated @ 2 FTE per year beginning FY 2000-2001.

**Benefits of IT to the Agency**

Beginning January 2000 - significantly enhanced efficiency in process applications resulting in less delay for applicants, significantly improved legibility and durability of license ID card, elimination of need for duplicate ID card and storage requirements, significant reduction in cost of materials needed to produce an ID card, enhanced availability of licensee information to investigators and headquarters office.

Intangible benefits include a more professional appearance of the license product and improved employee moral resulting from opportunity to use and become more proficient with current hardware and software.

**Technical Environment**

<b>Desktop Operating System</b>	<b>Users</b>	<b>Network</b>	<b>Users</b>	<b>E-Mail</b>	<b>Users</b>
Windows 3.1	0	Novell Netware	0	Lotus Notes	5
Windows 9x	3	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	4	Windows 9x Peer Networks	3	Internet (POP3)	0
Windows 2000	0	Windows NT	4	OfficeVision	0
OS/2	0	Windows 2000	0	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify: )	0				

**Major Applications and Databases**

Database for licensing, including interface with DataCard Digital photo and ID Card software and hardware, written in FoxPro.

Nebraska Information Technology Commission  
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<b>Agency</b>	<b>37 - Workers' Compensation Court</b>
<b>Agency IT Contact</b>	<b>Randy Cecrle (rcecrle@wcc.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 3,433,012	<b>Agency FTE</b>	56
<b>IT Budget FY2001</b>	\$ 511,305	<b>Agency IT FTE</b>	5

### **Agency Mission**

The Nebraska Workers' Compensation Court was created in 1935 pursuant to Article V, Section 1, of the Constitution of the State of Nebraska. Chapter 48, Sections 101-191, 1,110, 1,113-1,118 of the Revised Statutes of Nebraska provides for the authority and duties of the Court. The general responsibilities include the prompt resolution of disputed cases, the approval of lump sum settlements, receipt of all injury, payment, and insurance coverage reports, oversight and payment of vocational rehabilitation services, monitoring that all parties are in compliance with the law, provide a medical fee schedule and certify managed care plans, provide an independent medical examiner system, and administer the Second Injury Trust Fund. The Court is responsible for making the workers' compensation system work throughout Nebraska.

### **Agency IT Staff**

1 FTE - IT Manager / Database Administrator  
2 FTE - Custom application development, maintenance, and support  
1 FTE - Infrastructure support  
1 FTE - Computer Operator  
IMServices PCLAN provides desktop support and installation.  
Other consulting/contracting services are used to assist with Oracle upgrades, network upgrades, etc.

### **Benefits of IT to the Agency**

The Court completed the conversion of its aged mainframe system to a Windows/Oracle - Client/Server system in December 1998. The new system is fully Century date compliant.

What originally was an isolated agency-only system on the mainframe has now become a system that is positioned to be accessible by other state agencies and other external parties by either the Internet or client/server applications.

The new Windows/Oracle - Client/Server system provides information beyond what was available on the aged mainframe system. This expanded information provides Court personnel the ability to answer questions that before were automatically passed on to other sections of the Court. One example is the Public Information Specialists whom receive the incoming calls on the Help Line. They have been able to reduce by up to 50% the number of calls forwarded to Adjudication.

By the use of what is called a Workers' Compensation Case@ record, the Windows/Oracle - Client/Server system ties together all Court work request activities (Pleadings, Vocational Rehabilitation Requests, Independent Medical Examiner Requests, Informal Dispute Resolution Requests, etc.). Overlapping work between sections have been reduced because of the ability to Asee@ activities in other sections of the agency. This also helps us communicate effectively with external parties about the status of a case within the Court.

Electronic submission of First Report of Injuries by Insurance Carriers has improved the quality of information for operational management and statistical purposes. It has also assisted Carriers with meeting their reporting requirements as required by law and rule. While electronic submission of First Reports has not had a substantial impact on reducing costs for carriers, it is a prerequisite to the electronic submission of Subsequent Reporting which should help carriers reduce their costs.

The use of the email and calendar system allows the Court to effectively communicate between locations. The Court also has implemented use of Internet email to communicate with outside parties such as attorney offices, injured employees on the road, etc. This has reduced communication lag time.

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The Internet is used by Court staff to access external information such as Secretary of State, Nebraska Domestic Corporations to answer questions and complete corporate waivers. The implementation of the Court Internet Web site has allowed the Court to make available information and forms electronically to external parties.

**Technical Environment**

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	0	Novell Netware	3 servers	Lotus Notes	55
Windows 9x	40	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	15	Windows 9x Peer Networks	0	Internet (POP3)	0
Windows 2000	0	Windows NT	5 servers	OfficeVision	0
OS/2	0	Windows 2000	0	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify: )	0				

**Major Applications and Databases**

The Court currently maintains the following Oracle applications:

- Administrative Case Management
- Adjudication Case Management
- Injury Report and Payment Processing, both manual and EDI
- Compliance
- Award Payment Monitoring
- Contact Management
- Informal Dispute Resolution
- Vocational Rehabilitation
- Independent Medical Examiner
- Settlement Management
- Employer Information Loading and Viewing

In addition, the Court makes extensive use of Discussion Databases within Lotus Notes Domino for documentation of Court procedures and legislative activities.

The Court currently maintains a tightly integrated database system using the relational capabilities of the Oracle Database Management system. These databases are:

**WCC Case** - the hub that ties the Court information together.

**Adjudication** - supports the judicial side of the Court by providing judicial case management, hearing scheduling, and electronic docket book information.

**Injury Report and Payment** - contains alleged injury reported and compensation and expense information as reported by the Insurance companies and employers.

**Compliance** - captures and provides information to assure employers are complying with the laws, captures and tracks complaints, captures corporate waivers, manages First Report Requests.

**Insurance Carriers** - carries insurance carrier status information and contact information.

**Informal Dispute Resolution** - provides information for the management of the informal dispute resolution process.

**Vocational Rehabilitation** - provides information for the management of VR counselors, requests for VR services, and captures accounting information related to VR approved plans and payments.

**Independent Medical Examiner** - provides minimal status information related to requests for independent medical examiners.

**Settlement Management** - provides information for tracking and processing of Applications for Lump Sum Settlement and Settlement Agreements.

**Employer** - provides information about employers that do business in the state of Nebraska as furnished by the NE Department of Labor.

**Proof of Coverage** - provides proof that employers have obtained Workers' Compensation Insurance. (Provided by a third party provider via online access by the Court.)

Nebraska Information Technology Commission  
**Agency Information Technology Plan Summary - 2000**

<b>Agency</b>	<b>38 - Nebraska Commission on the Status of Women</b>
<b>Agency IT Contact</b>	<b>Connie R. Snider (ncswmail@mail.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 200,518	<b>Agency FTE</b>	4
<b>IT Budget FY2001</b>	\$ 450	<b>Agency IT FTE</b>	0

**Agency Mission**

The Commission mission is to study the changing and developing roles of women in Nebraska society including:

1. Recognition of the socioeconomic factors influencing the status of women;
2. Development of individual potential;
3. Encouragement of women to utilize their capabilities and assume leadership roles;
4. Coordination of efforts with other women's organizations interested in the welfare of women;
5. Identification and recognition of contributions made by Nebraska women to community, state and nation;
6. Implementation of programs to improve working conditions, financial security and the legal status of Nebraska women and men; and
7. Promotion of legislation to improve the status of women where there is a need for change.

**Benefits of IT to the Agency**

The Nebraska Commission on the Status of Women will increase visibility and accessibility to the Commission and reach a broader base of women and agencies across Nebraska, as well as nationally. As a result of up-grading and maintaining current information on the Commission's web-site it will provide Nebraska women and their families with more timely information. The Commission will be able to respond and provide information which concerns them (i.e., issues involving employment, personal crisis, economics, legal rights, etc.). Additionally, the Commission's website and email increases more timely contact with NCSW Commissioner's.

NCSW is limited in its technological resources and thus in its ability to further develop a quality improvement/evaluation system for the Commission and its projects.

**Technical Environment**

4 PCs; 1 Laptop; 2 Laser printers; 2 color inkjet; 1 scanner

<b>Desktop Operating System</b>	<b>Users</b>	<b>Network</b>	<b>Users</b>	<b>E-Mail</b>	<b>Users</b>
Windows 3.1	0	Novell Netware	0	Lotus Notes	0
Windows 9x	X	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	0	Windows 9x Peer Networks	0	Internet (POP3)	4
Windows 2000	0	Windows NT	0	OfficeVision	0
OS/2	0	Windows 2000	0	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify: )	0				

**Major Applications and Databases**

Microsoft Access 7.0  
 Main agency mail list - bi-monthly newsletter (*WomeNews*) other special events or alert mailings  
 Women's health mailing list - two annual women's health symposiums mass mailing for Legislative and women's Health issues accounting/financial to track symposium registrations



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<b>Agency</b>	<b>39 - Brand Committee</b>
<b>Agency IT Contact</b>	<b>Dawn Ford (Nebc8900@premaonline.com)</b>

<b>Agency Budget FY2001</b>	\$ 3,711,266	<b>Agency FTE</b>	60
<b>IT Budget FY2001</b>	\$ 47,646	<b>Agency IT FTE</b>	0

**Agency Mission**

The 1941 Legislature created the Nebraska Brand Committee to protect Nebraska brand and livestock owners from livestock theft through a brand recording, brand inspection and livestock theft investigation staff.

**Agency IT Staff**

We use three outside contacts for our in-house network and tech support.

**Benefits of IT to the Agency**

The need to know information to better serve customers. The field staff could access our records for their specific needs (e.g. is recorded brand in good standing, was an inspection performed per state statutes, investigators could access prior violation of brand laws and criminal activity with other law enforcement agencies.)

**Technical Environment**

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1		Novell Netware		Lotus Notes	
Windows 9x		Windows for Workgroups		Microsoft Exchange	
Windows NT		Windows 9x Peer Networks		Internet (POP3)	6
Windows 2000		Windows NT		OfficeVision	
OS/2		Windows 2000		Other (Specify: )	
Linux		OS/2 LAN Server and Warp Server			
Mac OS		Other -			
Other (Specify: )					

**Major Applications and Databases**

- Automated brand recording system used to initiate brand recording certificates, renewal notices, transfers of brands, names and addresses of recorded owners.
- Compaq -Program Products -NBC Network for local inspection certificates, grazing permits, violation reports, feedlot/dairy in/out transactions, private treaty transactions.

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<b>Agency</b>	<b>41 - Real Estate Commission</b>
<b>Agency IT Contact</b>	<b>Heidi Burklund (InfoTech@nrec.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 873,709	<b>Agency FTE</b>	12
<b>IT Budget FY2001</b>	\$ 45,809	<b>Agency IT FTE</b>	.75

**Agency Mission**

To protect the public interest of Nebraska citizens through the efficient and effective administration of the Nebraska Real Estate License Act and the registration of Timeshare projects, Subdivided Land projects, Retirement Subdivisions and Communities, and Membership Campgrounds.

The Nebraska Real Estate Commission is a statutory agency (NEB. REV. STAT. ' 81-885.01 et. seq.) with the seven Members of the Commission serving as the policy-making body of the Agency. The Commission hires a Director and Staff who administer the Nebraska Real Estate License Act and the other statutes set forth below on a daily basis on behalf of the Commission. The Commission is not supported in any manner by tax revenues. All expenditures for activities are required by law to be paid from the fees collected by the Commission.

**Agency IT Staff**

One staff member, the Information Technology Infrastructure Support Specialist/ Administrative Assistant, provides all computer services. This includes needs analysis, research, procurement, installation, support, troubleshooting, and staff training for both servers, all PCS and laptops, both printers, and all software packages. This duty comprises approximately .5 FTE for this position.

One staff member, the Finance Officer, administers the web site. This includes updating information and forms as needed, and developing enhancements such as on-line transactions, electronic payments, and limited database access. This duty comprises approximately .25 FTE for this position.

**Benefits of IT to the Agency**

Utilization of information technology has enabled the Real Estate Commission to continue providing excellent service with very few staff. Information is disseminated and requests are handled quickly, efficiently, and in a cost-effective manner. Information technology has also enabled licensees and the public to obtain forms, information, and current license law regulations 24 hours per day, via the web site. It is anticipated that, as the web site is developed, licensees will also be able to conduct business with the Commission 24 hours per day.

**Technical Environment**

<b>Desktop Operating System</b>	<b>Users</b>	<b>Network</b>	<b>Users</b>	<b>E-Mail</b>	<b>Users</b>
Windows 3.1	0	Novell Netware	X	Lotus Notes	0
Windows 9x	13	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	0	Windows 9x Peer Networks	0	Internet (POP3)	12
Windows 2000	0	Windows NT	X	OfficeVision	2
OS/2	0	Windows 2000	0	Other (Specify: Outlook Express)	12
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify: )	0				

**Major Applications and Databases**

IFMC LicenSure, to track licensee data.

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<b>Agency</b>	<b>45 - Board of Barber Examiners</b>
<b>Agency IT Contact</b>	<b>Ronald J. Pella</b>

<b>Agency Budget FY2001</b>	\$ 112,703	<b>Agency FTE</b>	2
<b>IT Budget FY2001</b>	\$ -	<b>Agency IT FTE</b>	0

**Agency Mission**

The mission of the Nebraska Board of Barber Examiners is to examine and provide for the licensing of qualified barbers and barber instructors, to enforce the sanitary rules regulating barber shops and schools, to develop and approve barber school curriculum and post-secondary educational requirements for barber instructors, to investigate and resolve consumer complaints and provide the public with a healthy and safe shop environment.

**Agency IT Staff**

The agency's technology environment is maintained by current staff.

**Benefits of IT to the Agency**

A major tangible benefit of agency technology is the elimination of outside printing and data processing costs. Intangible benefits: smoother work flow serving agency needs and immediate licensee data.

**Technical Environment**

<b>Desktop Operating System</b>	<b>Users</b>	<b>Network</b>	<b>Users</b>	<b>E-Mail</b>	<b>Users</b>
Windows 3.1	2	Novell Netware		Lotus Notes	
Windows 9x	0	Windows for Workgroups		Microsoft Exchange	
Windows NT	0	Windows 9x Peer Networks		Internet (POP3)	
Windows 2000	0	Windows NT		OfficeVision	
OS/2	0	Windows 2000		Other (Specify: )	
Linux	0	OS/2 LAN Server and Warp Server			
Mac OS	0	Other -			
Other (Specify: )	0				

**Major Applications and Databases**

Borland dBase 5.0 maintains licensee information and status.

Nebraska Information Technology Commission  
**Agency Information Technology Plan Summary - 2000**

<b>Agency</b>	<b>46 - Department of Correctional Services, 15 - Nebraska Board of Parole</b>
<b>Agency IT Contact</b>	<b>Clifford D. Privatt</b>

<b>Agency Budget FY2001</b>	\$ 109,268,013	<b>Agency FTE</b>	1828
<b>IT Budget FY2001</b>	\$ 1,428,555	<b>Agency IT FTE</b>	5

**Agency Mission**

The mission of the Department of Correctional Services is to serve and protect the public by providing humane control, care, and program opportunities for those individuals placed in its custody and supervision, thereby facilitating their return to society as responsible persons.

The Nebraska Board of Parole is an integral part of the criminal justice system. The actions of the Board affect all society including those who are confined and paroled, victims, and the general public. The Board is dedicated to ensuring public safety by returning qualified offenders into the community through supervised conditional release. It is the agency's objective to provide the offender with a successful transition from confinement to responsible citizenship.

**Agency IT Staff**

Information Technology Manager

Responsible for the strategic planning, management, and supervision of all aspects of Information Systems.

Information Technology Infrastructure Support Lead

Responsible for all PC installation and support.

Information Technology Infrastructure Support Technician

Serves as the resident Access and Lotus Data Base Programmer.

Information Technology Infrastructure Support Technician

Serves as our only Help Desk person.

Information Technology Infrastructure Support Analyst/Senior

Performs all Networking functions including installation and support.

In addition contractors are used where possible to supplement our staff.

**Benefits of IT to the Agency**

DCS faces the same dilemma all state agencies do. In order to continue to meet the increasing work demands, technology is playing an ever-increasing significant role. Be it computers, networking or the like, the efficiencies and effectiveness gained through today's technological systems are emerging as a prerequisite for DCS staff to continue to perform their job responsibilities. Coordination and access to information internally and externally within all levels and departments of DCS has become critical to the agency operations.

**Technical Environment**

527 computers and 123 mainframe terminals. TCP/IP LAN in central office and some institutions. LANs connected into the WAN with T1.

Nebraska Information Technology Commission  
**Agency Information Technology Plan Summary - 2000**

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	6	Novell Netware	1	Lotus Notes	
Windows 9x	572	Windows for Workgroups	0	Microsoft Exchange	
Windows NT	25	Windows 9x Peer Networks	4	Internet (POP3)	
Windows 2000	6	Windows NT	572	OfficeVision	
OS/2	0	Windows 2000	6	Other (Specify: )	
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -			
Other (Specify:UNIX )					

**Major Applications and Databases**

Institutional Management - The largest application used throughout the Department is the Corrections Tracking System (CTS). It consists of components for tracking inmate demographic as well as key information relating to inmate sentencing, release and parole. This system resides on the DAS IM Services mainframe and is in the process of an extensive rewrite. It has not been updated in 18 years except to make it Y2K compliant and to allow an interface to DB2 so that we can share data with the Nebraska State Patrol.

The Corrections Information and Tracking (CIT) is the inmate accounting, payroll and canteen system. The system has been completely reprogrammed on the DB/2 platform and is operational with additional phases being brought online this year.

The largest application used throughout the Department is the Corrections Tracking System (CTS). The database resides on DB/2 and is linked to the Nebraska State Patrol and the CIT system.

The Corrections Information and Tracking (CIT) system is also on the DB/2 platform and is closely linked to the CTS system.

The PC systems are all equipped with MS Access to allow development of the individual data bases as needed.

Nebraska Information Technology Commission  
**Agency Information Technology Plan Summary - 2000**

<b>Agency</b>	<b>47 - Nebraska Educational Telecommunications Commission</b>
<b>Agency IT Contact</b>	<b>Micheal F. Beach (mbeach@unl.edu)</b>

<b>Agency Budget FY2001</b>	\$ 8,247,521	<b>Agency FTE</b>	79
<b>IT Budget FY2001</b>	\$ 4,588,158	<b>Agency IT FTE</b>	-

**Agency Mission**

The mission of Nebraska Educational Telecommunications is to educate, challenge and inspire Nebraska, the nation and the world through excellence in non-commercial telecommunications.

**Agency IT Staff**

NET houses a diverse staff with diverse missions. Under the authority of the legislature, a study of the building needs for NET's future is currently under way. This process is assisting in the projections of staffing to help determine space needs. The ultimate result will be a building program statement, which will be presented to the legislature for their consideration.

Despite increased staff efficiency, the steadily increasing opportunities and demands of the DTV conversion, great demand for Interactive Media development, and the increasing demand for Neb\*Sat services continue to drive staff growth. NET currently has nearly 350 permanent and temporary employees. Some of these employees are scattered about the state. Most employees hold University of Nebraska positions, but many are employed directly by the state.

It is premature at this point to predict the exact number or percent FTE increase requirements expected. That information is being developed as part of the program statement process to be completed by September 1, 2000.

That being said, below are employees specifically tasked with maintenance and operation of the various networks of NET:

**Information Services Staff**

7 full-time and 3 part-time

Responsible for operations and maintenance of all desktops, software, non-broadcast servers, non-broadcast LANs and WANs, making daily backups, printers, and telephone PBX.

**Satellite Transmission Center Staff**

6 full-time

Responsible for all broadcast and distance learning terrestrial and satellite links to and from the NET facilities.

**NVCN (Scheduling) Staff**

2 full-time

Collaterally responsible for making NVCN connections except where tie in to Network 2 or Network 3 is required.

**Distance Learning Field Staff**

6 full-time

Responsible for design, project oversight, and maintenance of all Network 2, Network 3 and NVCN sites in the state of Nebraska.

**Benefits of IT to the Agency**

Nebraska Information Technology Commission  
**Agency Information Technology Plan Summary - 2000**

Information technology is a core enabler for NET. It would be difficult to identify any process or product within the organization that is not accomplished, scheduled, or monitored through IT. A new online accounting and budgeting system facilitates business operations and management. Broadcast facility and equipment scheduling is done via complex software resource management systems. All interactive media content development is, by its nature, accomplished through information technology. With the emergence of digital television (DTV) and NET's continuing role in the development of online or CDROM- (DVD-) interactive products, NET's dependence on information technology becomes profound.

NET provides many services to other state agencies including the development of specialized interactive media training materials. Video teleconferencing, satellite program reception, etc., is also done in support of our sister agencies. The state's investment in technology at NET is of direct benefit to many components of state government.

Information technology reduces personnel cost and time, minimizes redundant resources, and provides the mechanism for NET to meet its mission. One specific example is the software that is used to manage NET's broadcast and production infrastructure. This infrastructure consists of items as diverse as digital (non-linear) video editing equipment through satellite transponder channels. There are literally thousands of combinations of infrastructure elements that must be coordinated to allow for video production and delivery of content.

NET's working environment is also improved through the use of IT. Electronic mail, online scheduling and time keeping minimize the amount of paper and number of phone calls needed to perform basic business functions. The use of word processors to develop documents jointly amongst collaborators speeds the efforts and coordinates the work of all involved.

Given the nature of NET and its increasing reliance on information technology, the current IT expenditure of approximately 2% of the budget is certainly not excessive. NET will be examining the amount of funding and funding mechanisms in the near term to insure that the needs of employees and, in turn, the needs, of our constituents are being met.

<b>Technical Environment</b>
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50 Servers; Application servers include DNS, DHCP, Fax Server, SQL, SUN, Lotus R5, SCO and Informix

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	0	Novell Netware	X	Lotus Notes	300
Windows 9x	X	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	X	Windows 9x Peer Networks	0	Internet (POP3)	0
Windows 2000	0	Windows NT	X	OfficeVision	0
OS/2	0	Windows 2000	0	Other (Specify: First Class (PBS))	270
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	X	Other -	0		
Other (Specify: UNIX)	X				

<b>Major Applications and Databases</b>
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**Scene Stealer**

Video logging

**CCTV Logging & Videotape Checkout**

Nebraska Information Technology Commission  
**Agency Information Technology Plan Summary - 2000**

Database for scheduling & logging closed circuit activities and for tape checkout. Currently migrating to ScheduAll.

**Alpha 5**

Used to track repair requests and maintenance for engineering systems.

**Repair Parts Inventory**

Used to track and maintain inventory of parts for repair of systems.

**Network Management Control System**

Controls all Network 3 hardware, connections and assets at NET and remote sites across the state.

**Deltek Costpoint**

Business & Finance ERP Solution

**Electronic Timesheets**

Personnel hours tracking

**Scout Development Plus**

Viewer and listener membership tracking

**Myers ProTrack**

Broadcast traffic and scheduling

**VizuAll ScheduAll**

Production facilities use, distance learning scheduling and campus CCTV use.

**UPS**

System for package handling of shipped packages specific to United Parcel Service

**Scene Stealer**

Videotape tracking

**First Class**

E-mail and data warehouse for PBS related activities.

**CCTV Logging & Videotape Checkout**

Database for scheduling and logging closed circuit activities and for tape checkout. Currently migrating to ScheduAll.

**Engineering Maintenance & Repair**

Database used to track repair requests and maintenance for engineering systems

**Repair Parts Inventory**

Used to track and maintain inventory of parts for repair of systems.



Nebraska Information Technology Commission  
**Agency Information Technology Plan Summary - 2000**

<b>Agency</b>	<b>48 - Coordinating Commission for Postsecondary Education</b>
<b>Agency IT Contact</b>	<b>Duncan Hsu (duhsu@ccpe.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 7,340,782	<b>Agency FTE</b>	13.71
<b>IT Budget FY2001</b>	\$ 116,675	<b>Agency IT FTE</b>	2

**Agency Mission**

The Coordinating Commission for Postsecondary Education is a constitutional agency that represents the citizens of Nebraska for the purpose of coordinating the state's public postsecondary education institutions. The Commission serves as a student-centered, statewide oriented entity that is responsive to the postsecondary education needs and concerns of the people of Nebraska.

In the Comprehensive Statewide Plan for Postsecondary Education, the Coordinating Commission articulated its vision for the future of postsecondary education in this state. This vision is a postsecondary education system comprised of high quality, efficient institutions with clearly defined roles and missions that provide broad access to the people of our state and meet the educational needs of the state's students, employers, and residents.

***The Commission will contribute toward the realization of this vision by adherence to the following principles:***

- The Commission will fulfill its constitutional and statutory responsibilities to the State of Nebraska;
- The Commission will foster cooperation and collaboration with the postsecondary education institutions and K/12 education throughout the state;
- The Commission will promote efficiency and accountability among the institutions to affect the best use of available resources through elimination of unnecessary duplication;
- The Commission will identify and develop policies to meet the postsecondary educational, research and public service needs of the state; and,
- The Commission will serve as an advocate for postsecondary education in Nebraska and, in doing so, strive for balance and responsiveness among all of the state's public institutions.

**Agency IT Staff**

Database Manager maintains all CCPE databases; Develops programs for database maintenance; Develops web panels for data entry; Meets with Individuals and Groups to evaluate development of New Databases.

Survey/Database Technician assists in hardware/software installation and minor support; Developed and maintains custom calendar program; Developed and Improving Computer Inventory database; Assists in IPEDS/NEEDS Database maintenance; web site maintenance.

Independent Contractor hired for major hardware/software support

**Benefits of IT to the Agency**

The Commission has a statutory responsibility to administer the Integrated Postsecondary Education Data Systems (IPEDS), the Nebraska Educational Data System (NEEDS), and the statewide facilities in order to provide the Commission with timely, comprehensive and meaningful information pertinent to the exercise of its duties. The data system provides comparable data on each public postsecondary institution and also includes the IPEDS data for Nebraska's (17) Independent Colleges and Universities.

Nebraska Information Technology Commission  
**Agency Information Technology Plan Summary - 2000**

The data systems are valuable to the agency in providing state-level information regarding the activities of public postsecondary institutions and to insure that the Legislature and state and federal agencies obtain timely and accurate information concerning programs, personnel, students, finances and facilities of the state's postsecondary institutions.

**Technical Environment**

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	0	Novell Netware	0	Lotus Notes	0
Windows 9x	17	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	0	Windows 9x Peer Networks	16	Internet (POP3)	17
Windows 2000	0	Windows NT	1	OfficeVision	0
OS/2	0	Windows 2000	0	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify: )	0				

**Major Applications and Databases**

IPEDS - Integrated Postsecondary Educational Data System - Instituted by the US Department of Education, This is a nationally collected survey that Handles basic Fall enrollments, Completers, Institutional Characteristics, Staff Information, Graduation Rates, and Institutional Finance

NEEDS - Nebraska Educational Data System - This is a Nebraska-Wide survey that collects data with the following categories: Student Contact, Credit hours, student FTE, and Student attainment level, Faculty FTE, Faculty Salaries, Faculty Headcounts, Completers by PCS categories, Institutional Revenues and Expenses broken down by State Aided and Non-State Aided, Expenditures by PCS categories, , Expenditures by CIP codes,

Program Inventory - Program Inventory is a list of the authorized instructional programs offered at public postsecondary institutions in Nebraska. It includes the name of the major, any subsets offered (such as options or areas of emphasis), and the degrees and awards available. Some inventory formats also give the CIP code, date of the next scheduled program review, and programs for which articulation agreements exist with other institutions.

Statewide Facilities Inventory and Utilization - Land, Building and Room Inventory, Building Audit, and Classroom/Class Lab Utilization for the State's Public Postsecondary Education Institutions.

Nebraska Information Technology Commission  
**Agency Information Technology Plan Summary - 2000**

<b>Agency</b>	<b>State College Board of Trustees</b>
<b>Agency IT Contact</b>	<b>Becky Kohrs (bkohrs@nscs.edu)</b>

<b>Agency Budget FY2001</b>	\$ 68,609,989	<b>Agency FTE</b>	-
<b>IT Budget FY2001</b>	\$ 23,791	<b>Agency IT FTE</b>	1

**Agency Mission**

The Nebraska State College System, with campuses at Chadron, Peru and Wayne, offers high quality educational services in small residential settings emphasizing close student-faculty interaction. The System has extended its tradition of service to rural Nebraska by identifying each of the State Colleges as regional centers, charging them with the role of enhancing the quality of life and assisting with the development of their greater communities through the delivery of public service activities and programs.

**Agency IT Staff**

1 FTE professional staff

**Benefits of IT to the Agency**

Software applications allow staff to accomplish the day to day tasks required to perform efficiently and effectively.

**Technical Environment**

<b>Desktop Operating System</b>	<b>Users</b>	<b>Network</b>	<b>Users</b>	<b>E-Mail</b>	<b>Users</b>
Windows 3.1	0	Novell Netware	0	Lotus Notes	0
Windows 9x	0	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	8	Windows 9x Peer Networks	0	Internet (POP3)	8
Windows 2000	0	Windows NT	8	OfficeVision	1
OS/2	0	Windows 2000	0	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify: )	0				

**Major Applications and Databases**

None.

Nebraska Information Technology Commission  
**Agency Information Technology Plan Summary - 2000**

<b>Agency</b>	<b>50 - State College, Chadron State College</b>
<b>Agency IT Contact</b>	Ann Burk (aburk@csc.edu) Terry Brennan (tbrennan@csc.edu) <b>Steve Taylor (staylor@csc.edu)</b>

<b>Agency Budget FY2001</b>	\$ -	<b>Agency FTE</b>	-
<b>IT Budget FY2001</b>	\$ -	<b>Agency IT FTE</b>	-

**Agency Mission**

Chadron State College provides premier instructional, applied research, and public service programming in an open and welcoming environment. We fulfill our commitment to quality by using advanced instructional technologies, fostering lifelong learning, promoting cultural diversity, and working in partnership with our communities.

**Agency IT Staff**

<u>Computer Services</u> 4 FTE Programmers 1 FTE Computer Support Specialist 1 FTE Network Support Specialist 1 FTE Computer Operator Director of Computer Services Library Automation and Distance Learning: 1 FTE Technical Services Librarian, 1 FTE Telecommunications Service Specialist 1 FTE Telecommunications Technician	<u>Many Software Maintenance Contracts</u> SCT, PMDF, TGV, IBI, III, etc. 2 FTE Student Assistants .5 FTE Web Specialist
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**Benefits of IT to the Agency**

Tangible Benefits:  
Provides hardware/software necessary for web based access  
Provides current network technologies  
Provides quality computer lab & classroom environments  
Provides quality library and distance learning facilities

Intangible Benefits:  
Reduces time and effort dedicated to maintenance issues  
Increases staff productivity  
Provides for efficient communication  
Promotes a quality learning environment  
Provides a self-service environment  
Encourages education for individuals living in remote locations

**Technical Environment**

Buildings are connected via multimode and single mode fiber. TCP/IP over 10BaseT and 100BaseT Ethernet

Nebraska Information Technology Commission  
**Agency Information Technology Plan Summary - 2000**

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	X	Novell Netware	0	Lotus Notes	0
Windows 9x	X	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	X	Windows 9x Peer Networks	X	Internet (POP3)	X
Windows 2000	X	Windows NT	X	OfficeVision	0
OS/2	0	Windows 2000	0	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	X	Other -	0		
Other (Specify: )	0				

**Major Applications and Databases**

SCT's Student Information System  
 SCT's Financial Records System  
 SCT's Alumni Development System  
 III Innopac Library Automation System

<u>Database</u>	<u>Description</u>
ACT	Score, School Date
AFSA	Perkins Data History
Campus Inventory	All Campus Equipment
Campus Visits	Admission Tour Management
Check Register	Agency Deposit Revolving
Computer Inventory	Campus Hardware, Software, Network Info
Copy/Supplies	Inventory for Supplies Department
Downgrades	Midterm Grade Entry and Reporting
Employee	Personnel
FORM22	Creates State Form
Graduate Office	Graduate Program Tracking
Housing Inventory	Dorm Info
I9	Personnel
Maintenance	Work Orders
Misc Mail	Mailing Lists/Labels
Music Contest	Contestant, Test, Score Info
Parking	Sticker Assignment, Violations
Phone Budget	Process Lincoln Phone Tape
Scholastic Contest	Contestant, Test, Score Info
Senate Voting	Student Senate Ballot and Results
TIAA/CREF	Employee Retirement Info
Trip Slips	Vehicle Mileage
Tutoring	Track Tutoring Services
Workstudy	Student Employee Payroll

Nebraska Information Technology Commission  
**Agency Information Technology Plan Summary - 2000**

<b>Agency</b>	<b>50 -State College, Peru State College</b>
<b>Agency IT Contact</b>	<b>Jay Jacobson (jjacobsen@oakmail.peru.edu)</b>

<b>Agency Budget FY2001</b>	\$ -	<b>Agency FTE</b>	-
<b>IT Budget FY2001</b>	\$ 511,067	<b>Agency IT FTE</b>	-

**Agency Mission**

Peru State College (PSC) is a multi-purpose, state-assisted, regional institution offering a variety of educational opportunities to the students of Nebraska and the nation. Peru State is committed to providing high quality instruction, personalized attention, and a supportive learning environment for students of diverse abilities.

**Agency IT Staff**

Peru State College currently has 6.0 FTE devoted to support of agency technology operations. These include: Director of Communication Services (1.0 FTE), Programmer/Analyst (2.0 FTE), Network Specialist (1.0 FTE), and Computer Operator (2.0 FTE). Both computer operators provide hardware/software support to the campus in addition to their operator duties. In addition, student-workers (.25 FTE) are employed during the year to help augment the needs of the campus. Also, faculty, while not dedicated technological staff, in various departments serve as a resource for other faculty/staff when appropriate. We also have a 1.0 FTE vacancy for a programmer/analyst.

**Benefits of IT to the Agency**

In today's world, it is impossible to calculate the value of information technology to Peru State College. All faucets of the agency interacting with others around the world is dependent on information technology. Tomorrow's workforce must be able to use information technology to exist in the marketplace. The production of this technology plan depends heavily on information technology.

**Technical Environment**

Novell GroupWise (by 12/2000 all 145 faculty/staff).  
 Ethernet, 100mbs main backbone (10mbs backup) b/n buildings, 10mbs connections to computers.

<b>Desktop Operating System</b>	<b>Users</b>	<b>Network</b>	<b>Users</b>	<b>E-Mail</b>	<b>Users</b>
Windows 3.1	0	Novell Netware	3	Lotus Notes	0
Windows 9x	1150	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	2	Windows 9x Peer Networks	300	Internet (POP3)	130
Windows 2000	3	Windows NT	2	OfficeVision	0
OS/2	1	Windows 2000	3	Other (Specify: Novell Group- Wise)	65
Linux	1	OS/2 LAN Server and Warp Server	0		
Mac OS	300	Other - Macintosh	50		
Other (Specify: )	0				

Nebraska Information Technology Commission  
**Agency Information Technology Plan Summary - 2000**

<b>Major Applications and Databases</b>
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We have developed in-house custom applications for bi-weekly payroll, vacation/sick leave, journal charges (copier, telephone, internal charges, fax, etc....), inventory, parking, as well as hundreds of customized reports for our SCT products listed below.

<u>Vendor</u>	<u>Product Name</u>
SCT Corp	Student Information System (SIS)
SCT Corp	Financial Records System (FRS)
SCT Corp	Alumni Development System (ADS)
Microsoft	Office 97 Professional, Office 2000 Professional
WBT	Topclass

SIS - Maintain student information,  
FRS - Maintain financial information,  
ADS - Maintain Alumni information,  
Inventory - maintain inventory information ....

Nebraska Information Technology Commission  
**Agency Information Technology Plan Summary - 2000**

<b>Agency</b>	<b>50 - State College, Wayne State College</b>
<b>Agency IT Contact</b>	<b>Dennis Linster (delinst1@wsc.edu)</b>

<b>Agency Budget FY2001</b>	\$ -	<b>Agency FTE</b>	-
<b>IT Budget FY2001</b>	\$ 844,843	<b>Agency IT FTE</b>	8

**Agency Mission**

The mission of Wayne State College is to instill in our students a life long passion for learning, an appreciation of the global community, and a sense of civic responsibility.

**Agency IT Staff**

Currently we employ 8 full time professional IT staff.

**Benefits of IT to the Agency**

The tangible benefits of our investment are significant in that the technology tools allow us to automate our administrative functions for the college as well as the alumni, automation of the library system, the day to day use of communication tools like web services and e-mail, as well as the software applications that our students, faculty, and staff use to accomplish the daily tasks required in an educational environment. The intangible tasks are directly related to our students and the skills that they take with them upon graduation.

**Technical Environment**

The tangible benefits of our investment are significant in that the technology tools allow us to automate our administrative functions for the college as well as the alumni, automation of the library system, the day to day use of communication tools like web services and e-mail, as well as the software applications that our students, faculty, and staff use to accomplish the daily tasks required in an educational environment. The intangible tasks are directly related to our students and the skills that they take with them upon graduation.

<b>Desktop Operating System</b>	<b>Users</b>	<b>Network</b>	<b>Users</b>	<b>E-Mail</b>	<b>Users</b>
Windows 3.1	30	Novell Netware	3500	Lotus Notes	
Windows 9x	120	Windows for Workgroups	0	Microsoft Exchange	
Windows NT	0	Windows 9x Peer Networks	0	Internet (POP3)	
Windows 2000	0	Windows NT	5 webservers	OfficeVision	
OS/2	0	Windows 2000	0	Other (Specify: )	
Linux	5	OS/2 LAN Server and Warp Server	0		
Mac OS	45	Other - Linux e-mail	3500		
Other (Specify: Digital VMS)	100				

**Major Applications and Databases**



Nebraska Information Technology Commission  
**Agency Information Technology Plan Summary - 2000**

<b>Agency</b>	<b>51 - University of Nebraska</b>
<b>Agency IT Contact</b>	<b>Walter Weir (wweir@uneb.edu)</b>

<b>Agency Budget FY2001</b>	\$ 985,887,458	<b>Agency FTE</b>	12,940
<b>IT Budget FY2001</b>	\$ 44,323,478	<b>Agency IT FTE</b>	313

**Agency Mission**

The University of Nebraska is the state's only public university and is comprised of the University of Nebraska at Omaha, the University of Nebraska - Lincoln, the University of Nebraska at Kearney, and the University of Nebraska Medical Center in Omaha. The University also includes many research, extension and service facilities statewide and NITC near Curtis. The University is distinguished as a Carnegie I research institution, by the scope and quality of its doctoral programs and by its scholarly and creative productivity.

Along with the variety of academic programs and research emphases comes a great deal of variation in the tasks, tools, and computing technology in use across the University structure. The mission of the University of Nebraska has evolved over time –but there has consistently been an emphasis on access and affordability as core issues. As we begin the 21 st Century, the mission of the university is to meet the educational, economic, social, and cultural needs and aspirations of the citizens of Nebraska through teaching, outreach, research, and the integration and application of knowledge.

**Agency IT Staff**

**UNCSN**

Computing Services Network has 85 full time staff. Responsibilities include networking services, Operating Systems, Data Base, Operations, Production Services, and Customer Support.

**UNL**

UNL Information Services has 103 FTE permanent staff and IANR has 19 FTE for a total of 122 FTE. Responsibilities include network services, application development, and client services, including a helpdesk, hardware and software purchase support, training, lab support and web services.

**UNMC**

UNMC ITS has 48.5 centralized IT staff that support the UNMC campus computing activities. This only includes Computing Services and does not include Biomedical Communications, nor telecommunications which are also a part of UNMC's Information Technology Services. [Please note that UNMC also provides a number of these services to Nebraska Health System, its partner organization. The FTE required to support NHS are not included in these numbers.]

**UNK**

UNK Computer Services has 18.63 FTE permanent staff and 2.0 FTE in part-time student workers, for a total of 20.63 FTE. Responsibilities include network services, application development, and client services, including a helpdesk, hardware and software purchase support, training, lab support and web services. Approximately 20 part-time student workers serve as lab monitors in a 24-hour general-purpose student computer lab.

**UNO**

UNO Computer Services has 37 FTE permanent staff responsibilities include network services, application development, and client services, including a helpdesk, hardware and software purchase support, training, lab support and web services.

**Benefits of IT to the Agency**

Nebraska Information Technology Commission  
**Agency Information Technology Plan Summary - 2000**

The value of the University of Nebraska's investment in information technology is substantial and critical to the daily operations of the University. Technology is thoroughly integrated into every function of the university in support of our mission. It is critically important to accomplish the university vision.

The value to the people of Nebraska of these facilities and capabilities is fundamental. There is no way to quantify it, except to say that the University of Nebraska could not operate without these systems, and the people who install, maintain, and modify them.

The knowledge and social capital that are developed in our information technology professionals and users of information technology that allow the university to work together to perform our mission.

<b>Technical Environment</b>
------------------------------

Desktop Operating System	Users	E-Mail	Users
Windows 3.1	1%	Lotus Notes	37,851
Windows 9x	70%	Microsoft Exchange	200
Windows NT	5%	Internet (POP3)	2,345
Windows 2000	1%	OfficeVision	
OS/2	0%	Other (Specify: )	2,130
Linux	3%		
Mac OS	18%		
Other (Specify: UNIX)	2%		

The University communications network is designed to meet the needs of the University staff located on all four campuses and throughout the state of Nebraska that require access to University-wide systems and data. The University is moving to an IP centric network and will continue to minimize/eliminate the native use of the non-TCP/IP protocols.

The primary network topology at the University is based on local area networks (LAN) and wide area networks (WAN). The LAN's are built around switched Ethernet and Token Ring technologies. Most of the Token Rings will be removed and Token Ring will only be used where it is a requirement. Most of the WAN's are based on routed networks (with some bridging) using Cisco routers and switches. The WAN provides interconnections between all of the University networks.

Network backbones at each campus are built around ATM and/or 100Mb and 1000Mb Ethernet. A move toward switching technologies is underway for most of the University networks to provide higher performance and reliability. Connectivity to the desktops is typically made through a combination of 100Mb Ethernet or 10Mb Ethernet. 4Mb and 16Mb Token Ring desktops are being converted to Ethernet where possible. Several initiatives are underway to evaluate the feasibility of wireless networks at the University. Each campus will have applications that can take advantage of this technology.

The University has a single DS3 (45Mb) connection to the Internet and an OC3 (155Mb) connection to Internet 2. There is a need to expand the current connection to the Internet and that should be accomplished over the next year. We also have a variety of low speed (1.54Mb or less) connections throughout the state. The University is working with the Nebraska Division of Communications (DOC) and the Nebraska Higher Education Information Technology forum (NEHEIT) to help plan and develop a network capable of delivering University curriculum to all areas of the state.

**UNCA/UNCSN**

The UNCA LAN is in the process of converting to 100Mb connections to all desktops and Gigabit connections for the backbone. All servers will be connected with 100Mb or 1000Mb Ethernet.

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The current University WAN consists of DS3 (45Mb) connections between UNCSN and UNK, UNO and UNMC. We will be working to improve these connections and add appropriate backup support. This is a switched ATM network. UNL is connected with a direct 155Mb ATM connection.

Further development of the University's statewide network will start this year. The network initiative will provide the vision, leadership, management, planning, and advocacy for statewide distance learning and information technologies that compliment the University of Nebraska's educational effort.

#### **UNL**

UNL's statewide computing network consists of over 11,000 computers connected to a high-speed backbone. The vast majority of computers are connected to this network through either dedicated 10Mb or 100Mb Ethernet connections (dedicated means that the network capacity given to each computer is not shared by other computers). While some Token Ring connections still exist (fewer than 200), a migration is currently under way to move everyone to Ethernet based connections within the next year.

#### **UNO**

UNOmaha is finishing a campus wide network backbone upgrade from a Nortel (Bay) router providing 10Megabit connectivity to each building on campus, to a Cisco based network backbone with 100Megabit (Mb) and 1000Megabit (Mb) connections to each building.

- All buildings with less than 250 computers have been, or will be, converted to 100Mb connections.
- All buildings with more than 250 computers have been, or will be, converted to 1000Mb connections.

A complete overview of the UNOmaha campus network and link speeds to buildings can be found at the following web site: <http://its.unomaha.edu/network/diagram/campus/unonet-overview.pdf>

UNOmaha Internet building networks are also in the process of being upgraded from shared 10Mb connections to gigabit building backbone connections with switched 100Mb connections out to individual offices and labs. Progress varies by building and is based on funding sources from grants, ITS budget sources, departmental and college funding and, where appropriate, UNOmaha technology fees.

An estimated 99% of all UNOmaha network connections are based on 10Mb, 100Mb or 1000Mb Ethernet technology.

UNOmaha started a program to make use of wireless network technology. This program is designed to test how well wireless technology fits in to office, classroom, student housing, laboratory and general access areas. Once performance and need is determined, then funding sources are examined to bring this technology on line in the selected areas.

UNOmaha also has a variety of wide area network (WAN) links. These include:

- 45Mb (DS3) ATM link for Internet traffic and Administrative traffic
- 155Mb (OC3) ATM link for Internet II traffic (in progress)
- 10Mb (Ethernet over ATM) link for traffic between UNOmaha and Metropolitan Community College
- 1.54Mb (T1) link for connections to the Peter Kiewit Conference Center in downtown Omaha
- 1.54Mb (T1) link between Offutt Air Force base UNOmaha lab and PKCC/UNOmaha/Internet
- 1.54Mb (T1) link between Nebraska Business Development Center training lab at the Nebraska Furniture Mart and UNOmaha/Internet

#### **UNK**

UNK's campus network is based on 10 and 100 MHz Ethernet technology. Since its inception, the campus network was based on a star arrangement implementing a router-centric collapsed backbone topology. Every building on campus, including the residence halls, is connected to Computer Services in the Otto Olsen building via multi-mode and single-mode fiber. Virtually every academic and administrative building is wired with enhanced Level 5 Lucent Technologies (AT&T) 100+ Mbps High-5 Systemax

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Premises Distribution System. The residence halls and renovated areas of West Center have Lucent's GigaSPEED copper cabling offering over 1000 Mbps of bandwidth. The recent residence hall and West Center upgrades placed switched networking equipment in those facilities. The central core of the network places each building in its own routed VLAN(s) attached to a central switch fabric. The core is capable of layer 3, layer 4, multicast and Quality of Service (QOS) decisions, and hence, is well suited to supporting future multimedia and distance learning applications.

Internet access is provided via a dedicated 45Mbps DS3 circuit to Lincoln providing access to the general Internet, Internet-2, and the Great Plains Network.

Enhancements in the last year moved UNK's central servers and major labs from shared segment equipment to switched network technologies, substantially increasing throughput to the servers and labs. The campus has an agreement with an ISP for dial-in network access. An ASCEND MAX 4000 WAN access unit with 24 ports supports ISDN access. The Alumni House, Museum of Nebraska Art, the Safety Center, the Airway Science program at the Kearney Municipal Airport, and various faculty and staff, utilizes ISDN.

### **UNMC**

As a result of the merger, the UNMC network and the Clarkson Regional network were connected via fiber based fast Ethernet to form a single network. This combined UNMC and NHS network is managed by UNMC's Information Technology Services. The combined network consists of 7000 workstations with UNMC workstations making up approximately 2,100 of the total.

Most of UNMC's workstations are Intel-based systems running Microsoft Windows/95 or Microsoft Windows/NT Workstation, with some Apple Macintosh computers running MacOS. In addition, UNMC supports approximately 80 Intel based file servers, most of which are running the Novell Netware operating system, with a growing number of Microsoft Windows/NT server.

The University of Nebraska Medical Center data communications network is designed to meet the needs of the UNMC staff that require access to UNMC as well as University-wide systems and data. The primary networking protocols used throughout the UNMC network include TCP/IP, IPX, NetBIOS, and AppleTalk.

The data network at the UNMC is based on local area network (LAN) and wide area network (WAN) technologies. The administrative LAN is a mix of Ethernet, Fast Ethernet, as well as 4mbps and 16mbps Token Rings to support desktops as well as servers. Migration continues away from Token Ring to Fast Ethernet and Gigabit Ethernet. Upgrading backbones will provide greater capacity for carrying data resulting in better performance.

Dial up access is offered via Secure-ID card challenge/response systems and web access via ISP.

### **UNMC Connections to Remote Locations**

- Lincoln, Omaha, Kearney and Scottsbluff Campuses
- St. Joseph Hospital-Radiology
- Veterans Administration Hospital
- State House
- Lab InterLink

Internet access is provided via a dedicated 45Mbps DS3 circuit to Lincoln providing access to the general Internet, Internet-2, and the Great Plains Network.

Enhancements in the last year moved UNK's central servers and major labs from shared segment equipment to switched network technologies, substantially increasing throughput to the servers and labs. The campus has an agreement with an ISP for dial-in network access. An ASCEND MAX 4000 WAN access unit with 24 ports supports ISDN access. The Alumni House, Museum of Nebraska Art, the Safety

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Center, the Airway Science program at the Kearney Municipal Airport, and various faculty and staff, utilizes ISDN.

<b>Major Applications and Databases</b>
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**Applications:**

There are several large systems that were purchased from vendors and have been customized to fit the needs of the University. These systems include:

- SCT and POISE student information systems
- SAP financial and human resource systems
- BRITE - BRUNO Voice Response System
- Informed Decisions - Cashiering Point of Sale
- Missouri Book Systems - AS400 Point of Sale System
- EBRUNO Web application
- Cash Receipting
- Event calendar
- Internal budget tracking
- Athletics student status query
- Motor Pool tracking/billing
- UNMC Health Professions Tracking System
- UNMC/UNO Telephone Billing System
- UNMC Campus Business Applications
- UNMC Center for Continuing Education Course Management System
- UNMC Academic Affairs Applications
- UNMC Faculty Database
- UNMC Tracking System

Significant applications that have been completely developed for campus usage include:

- Facilities Management System
- Scholarship System
- Financial Aid Imaging System
- BottomLine Income/Expense Tracking System
- Comprehensive Online Class Schedule
- Centralized Receivables System
- Undergraduate/Graduate Recruiting and Admissions System
- Short-Term Loan System
- Research Tracking Systems (for patents, grant proposals, and experimental data)
- Student ID Card System and the Express Charge System
- NRoll Voice Response Systems
- Student Advising System
- CARES System (for independent studies)
- Printing Services System
- Cash Receipting System (for the Bursar)
- CSO database engine
- S-CWIS mail interface
- CourseInfo 4.0/SIS port
- U-Wide Data Warehouse
- Budget – PSL
- Budget – Data Warehouse

**Major Databases:**

- UNL & UNO - DB2 (on MVS) - Used as the data store for the SAP Financial and HR systems, the SCT student systems, and various other student system application augmentations.

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- Oracle - Used as the data store Facilities Management, graduate and undergraduate recruiting data (moving to DB2), various web databases, the Open Text search engine software, and the Blackboard CourseInfo software.
- Sybase Adaptive Server - Used as the data store for the Action Request System, the networking DHCP server, and the UNL Student Information System data warehouse (moving to DB2).
- Rbase - Used as the data store for BottomLine (a departmental expense and income tracking system). Support for this database is being phased out with the implementation of SAP.
- CSO - Used as the data store for the UNL enterprise directory service software and email routing system. (This database software will be replaced over the next year)
- Lotus Notes Domino Software - Used as the data store for email, calendaring, and other collaborative/workflow systems.
- Innovative Interfaces Information System - Online library information system and card catalog.
- Digital Databases - There are many digital databases available to support the research and teaching processes. Significant examples include:
  - Electronic encyclopedias
  - More than 140 articles and full-text indexes of scientific, social sciences and humanities journals.
  - Full-text digitized version of more than 300 professional journals.
  - Unique editions from the University Special Collections customized in full-text for the web.
  - Digitized collections of international, federal, and state government documents.
  - University of Nebraska Willa Cather Archive.
- IANR Web-based digital databases include
  - Extension Accomplishments Reporting System / Pioneering the Future (Research)
  - Publications
  - American Distance Education Consortium Program & Degree Database w/ e-commerce
  - MySQL databases support numerous content related applications
- UNMC Health Professions Tracking System - In collaboration with the State Department of Health, UNMC provides tracking information regarding physicians, dentists, physician assistants, nurse practitioners, and pharmacists throughout the region.
- UNMC/UNO Telephone Billing Database - Tracks work orders, billings, and phone related data for the UNMC and UNO telephone systems.
- UNMC Campus Business Databases - Tracks work orders, billings, and other data for Printing and Duplicating, Mail Services, Physical Plant, BioMedical Communications, ITS, and Cell Phone Billing.
- UNMC Center for Continuing Education Course Management System - Manages courses and related activities for the UNMC Center for Continuing Education
- UNMC Academic Affairs Databases
  - Grants Administration Database - tracks pending / active grants and contracts.
  - IRB - Tracks protocols for the Institution Review Board
- IACUC – Tracks protocols for the Animal Care Committee
- UNMC Faculty Database - Provides a data repository and source of evaluation data for faculty within the College of Medicine.
- UNMC Tracking System - Provides data regarding cashiering stations, parking privileges, and key assignments for staff, students, and NHS employees.
- UNK Library - card catalog, patron data
- UNK Student - Financial Aid, Admissions, Student Records, Student Accounts, Housing
- UNK Public Safety data - permits and tickets
- UNK Subject index to Kearney Hub and Omaha World Herald
- UNK Index of collection of company annual reports
- UNK Subject index to uncataloged items in UNK archives
- Informix Student Accounts - Cashnet and Short Term Loan applications

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<b>Agency</b>	<b>53 - Real Estate Appraiser Board</b>
<b>Agency IT Contact</b>	<b>Marilyn Hasselbalch (mjhass@nrc.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 175,527	<b>Agency FTE</b>	2
<b>IT Budget FY2001</b>	\$ -	<b>Agency IT FTE</b>	0

**Agency Mission**

The mission of the Real Estate Appraiser Board is to regulate and support appraisers in this state in compliance with Nebraska law and federal mandates for the benefit of citizen needing appraisals related to real property transactions in Nebraska. The agency is mandated by federal law ensure that federal financial and public policy interests in real estate transactions will be protected by requiring that real estate appraisals for these transactions are performed in writing, in accordance with uniform standards, by individuals with demonstrated competency and whose professional conduct is subject to effective supervision.

**Agency IT Staff**

The Appraiser Board support staff office consists of two individuals. The director, who is appointed by the board and an assistant who serves the director. Both individuals must be knowledgeable of the software being supported and their application. However, the assistant has the responsibility of maintaining daily changes and updates.

**Benefits of IT to the Agency**

The tangible or intangible benefits are moot. The state cannot navigate into the future without meeting the public and private sectors through electronics. Information technology will fortunately eliminate much of the distance for any department servicing a need. We are better able to inform and update by merely maintaining a web site that can be accessed at convenience.

Appraisers and business who support their services such as bankers and brokers will maintain a closer relationship and accessibility through an informative and information laden electronic relationship.

**Technical Environment**

<b>Desktop Operating System</b>	<b>Users</b>	<b>Network</b>	<b>Users</b>	<b>E-Mail</b>	<b>Users</b>
Windows 3.1	0	Novell Netware		Lotus Notes	0
Windows 9x	2	Windows for Workgroups		Microsoft Exchange	0
Windows NT	0	Windows 9x Peer Networks		Internet (POP3)	2
Windows 2000	0	Windows NT		OfficeVision	0
OS/2	0	Windows 2000		Other (Specify: Endora )	2
Linux	2	OS/2 LAN Server and Warp Server			
Mac OS	0	Other -			
Other (Specify: )	0				

**Major Applications and Databases**

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The major database maintained by this agency is Access. This database is customized to generate licensing status, business and residential locations and changes, education, violations and the general status of each appraiser. The database also maintains our reciprocity accounts. Reciprocity accounts are appraisers who qualified for credentialing by their home states but in addition pay to maintain the authority to appraise in the state of Nebraska.

A database for temporary accounts is entered but limited. Temporary accounts are non resident appraisers who apply and if qualify, are granted authority to perform a single assignment within the state. The temporary license has a value of only six months from the day issued and is useful for only the assignment requested.

The database also generates miscellaneous reports and labels to support the day to day activities of the Appraiser Board.



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<b>Agency</b>	<b>56 - Nebraska Wheat Board</b>
<b>Agency IT Contact</b>	<b>Ronald Mass (rmass@linux3.nrc.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 1,219,009	<b>Agency FTE</b>	4
<b>IT Budget FY2001</b>	\$ -	<b>Agency IT FTE</b>	0

**Agency Mission**

The Nebraska Wheat Board will enhance the short and long-term economic well being of all Nebraska wheat producers by investing checkoff funds through a balanced program implemented through board and staff initiatives on behalf of the Nebraska Wheat industry.

**Agency IT Staff**

We have no specific personnel assigned to maintaining the network. We do utilize the services of a consultant who installed the computers and is available for technical advice on system function.

**Benefits of IT to the Agency**

The Wheat Board does not benefit as much from their access to the State mainframe as do other administrative agencies within the state system. Direct input of accounting information is most helpful to DAS as the system avoids duplication of data input. Capability for data queries that would be more beneficial to Wheat Board management is not user friendly and in most cases unavailable from the present data base system. If there are more user adapted applications available the information is not disseminated to line agencies, nor is adequate training made available for main frame access applications. At the present time, the staff ability to work with the system is totally due to self-instruction. The current data printout formats are all designed for use by users with a highly technical orientation and would be much more useful if they were not as repetitive and detailed in nature.

The Windows for Workgroup network holds considerable promise for improved capability to interact within the office structure and with counterparts in other wheat related organizations. This relatively new application has not been in place long enough to have gained full awareness about it's capability, but is expected to become much more of an integral part of office operations. We greatly appreciate the cooperation extended to our agency by the Department of Natural Resources. Their input has been most helpful in many ways and has lead to a better awareness from within the wheat board staff for specific applications. As new capabilities are being developed within the wheat industry, the system now available will become more and more advantageous to wheat board programs.

As additional techniques are found to interact with outside data bases, we expect to find more meaningful applications for use of the available information. Contacts with those wanting to buy wheat and those with wheat for sale holds potential to improve capability to facilitate actual wheat marketing at all levels of the wheat industry. Improving our ability to function in this role is a basic part of why the Wheat Board was organized.

As staff needs are identified, it may become imperative to expand on present assignments to more readily achieve agency purposes. The present staff has improved their awareness considerably and are using available technology in an effective and efficient manner.

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**Technical Environment**

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	1	Novell Netware	0	Lotus Notes	0
Windows 9x	3	Windows for Workgroups	4	Microsoft Exchange	0
Windows NT	1	Windows 9x Peer Networks	0	Internet (POP3)	0
Windows 2000	0	Windows NT	1	OfficeVision	0
OS/2	0	Windows 2000	0	Other (Specify: Eudoura Pro, Outlook Express)	7
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify: )	0				

**Major Applications and Databases**

List of elevators operating in Nebraska

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<b>Agency</b>	<b>57 - Nebraska Oil and Gas Conservation Commission</b>
<b>Agency IT Contact</b>	<b>Mary L. Wistrom (mwistrom@hamilton.net)</b>

<b>Agency Budget FY2001</b>	\$ 461,252	<b>Agency FTE</b>	7.65
<b>IT Budget FY2001</b>	\$ 61,100	<b>Agency IT FTE</b>	-

**Agency Mission**

The Nebraska Oil and Gas Conservation Commission fosters, encourages, and promotes the development, production, and utilization of natural resources of oil and gas in the state in such a manner as will prevent waste, protect correlative rights of all owners and encourage and authorize secondary recovery, pressure maintenance, cycling or recycling in order that the greatest ultimate recovery of oil and gas may be obtained within the state to the end that the landowners, the producers, and the general public realize and enjoy the greatest possible good from these vital irreplaceable natural resources.

The Nebraska Oil and Gas Conservation Commission permits each oil and gas reservoir in the state of Nebraska to be produced up to its maximum efficient rate of production in such a manner that will prevent waste and protect the correlative rights of the owners in a common source of supply so that each may obtain his just and equitable share of the production therefrom.

The Nebraska Oil and Gas Conservation Commission provides for regulation and supervision of seismic surveys to insure protection of shallow sources of underground water by insuring that proper plugging procedures are utilized.

The Nebraska Oil and Gas Conservation Commission maintains geologic and petroleum engineering data in a form and manner that is readily retrieved for use by interested persons. The Commission provides for the use and adoption of such processes that will result in the recovery of additional supplies of crude oil.

The Nebraska Oil and Gas Conservation Commission regulates the drilling of and the operation of each oil and gas well in the State. The Commission also insures lands are restored to agricultural use once production/drilling has ceased and the well has been properly plugged. In order to guarantee the protection of underground sources of drinking water, the Commission approves, monitors, and witnesses plugging procedures. In addition, well data, production data, case files, and operator information are maintained in the Commission office.

The Commission has maintained oil and gas data since 1959. The Commission makes all well data and production data available to any interested party. Most of the data is in an MS SQL 7.0 database; however, it is not readily available in an electronic format. Landowners, royalty owners, fellow government agencies, and industry personnel comprise most of the Commission's clientele.

**Agency IT Staff**

The agency currently employs one person in a .70 FTE position who devotes part of their time to system administration and database administration. This position is classified as an Administrative Assistant.

The Commission does occasionally need to seek the advice of a consultant. The Commission has been granted permission to utilize the services of three different consultants. Depending on the nature of the request, the Commission may use any of the three to solve a problem.

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**Benefits of IT to the Agency**

Utilizing electronic means to track well data, lease data, operator information and production has been a great benefit to the industry, fellow government agencies, and the citizens of Nebraska. Data is more readily retrieved. Data can be queried in minutes, giving results to specific inquiries.

Making the data in RBDMS available to the public via the web will be a further enhancement. People seeking information will not need to travel to Sidney; rather they can find the data they require while sitting right at their own desk. Sharing our information with the public will ultimately aid the industry and the citizens of Nebraska and further the Commission in it's drive to promote the development, production, and utilization of natural resources of oil and gas in the state. The landowners, the producers, and the general public will realize and enjoy the greatest possible good from these vital irreplaceable natural resources.

**Technical Environment**

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	0	Novell Netware	0	Lotus Notes	
Windows 9x	7	Windows for Workgroups	0	Microsoft Exchange	
Windows NT	3	Windows 9x Peer Networks	0	Internet (POP3)	
Windows 2000	0	Windows NT	10	OfficeVision	
OS/2	0	Windows 2000	0	Other (Specify: )	
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify: )	0				

**Major Applications and Databases**

All well data and production data is maintained in RBDMS. RBDMS tracks well data along with various well activities, such as MITs, idle well reports, and well transfers, and field activities such as field inspections and incidents. Monthly production data is also maintained in RBDMS.

The Commission uses ftp software to electronically transfer data to ftp sites. Several companies, who provide oil and gas data as a service, download the data from the ftp site. Data is also zipped and sent via email for posting to our web page, residing on the LOGCC server.

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<b>Agency</b>	<b>58 - Board of Engineers and Architects 59 - Board of Geologists 73 - Board of Landscape Architects</b>
<b>Agency IT Contact</b>	<b>Charles G. Nelson (board@nol.org)</b>

<b>Agency Budget FY2001</b>	\$ 446,593	<b>Agency FTE</b>	4.5
<b>IT Budget FY2001</b>	\$ -	<b>Agency IT FTE</b>	-

**Agency Mission**

The Board's mission is to safeguard life, health, and property where the practice of engineering and architecture is involved. This is accomplished, in large part, by assuring that the education, experience, and examination of those who practice qualifies them to serve the public. In addition, the agency exists in order to ensure the enforcement of Nebraska Statute Sections 81-3401 through 81-3455 – The Engineers and Architects Regulation Act – which apply to the licensure and practice of architects and professional engineers.

**Benefits of IT to the Agency**

**Tangible Benefits:** During the three year period since 1997, it is fair to say that the equipment has substituted for at least one FTE employee. During that time the Y2K conversion of the State mainframe would have cost the agency approximately \$30,000, an expenditure made unnecessary by translation of the main database from the mainframe to agency PC's (this move has resulted in considerable operational advantage as well). The ability of the board to serve the boards of Geologists and Landscape Architects is, in large part, due to capital investment in technology.

**Intangible Benefits:** The Board's ability to serve the public with reliable and timely information has been enhanced as a result of the investment. Information on qualifications of candidates for the Architect Registration Examination is now required to be provided on-line, and e-mail communications are becoming the rule rather than the exception. The one person hired by the agency during the last three years would likely not have considered the position were less technology available.

**Technical Environment**

Three PCs are connected to state mainframe and NOL through ethernet connection through DWR.

<b>Desktop Operating System</b>	<b>Users</b>	<b>Network</b>	<b>Users</b>	<b>E-Mail</b>	<b>Users</b>
Windows 3.1	0	Novell Netware	0	Lotus Notes	0
Windows 9x	5	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	0	Windows 9x Peer Networks	5	Internet (POP3)	0
Windows 2000	1	Windows NT	0	OfficeVision	0
OS/2	0	Windows 2000	0	Other (Specify: Nebrask@Online)	3
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify: )	0				

**Major Applications and Databases**

Bar-code renewal process (pending grant funding).

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- LICENSEES: All architects and engineers licensed to practice in Nebraska since 1937 (approx. 12,800); tracks address, practice discipline, examinations, education, date of license, etc.
- AUTHORIZATION CERTIFICATES: Organizations authorized to practice engineering &/or architecture in Nebraska, since January 1, 1998 (approx. 1,020); tracks legal name, address, expiration, renewal, telephone/fax, and engineer &/or architect in responsible charge.
- TEMPORARY PERMITS: Engineers permitted to practice in Nebraska, on the basis of their license in another State, on one project for up to one year (approx. 80); tracks address, phone/fax, State of license, number of license, expiration, project, etc.
- ARCHITECT REGISTRATION EXAMINATION (ARE): Candidates in the process of testing for licensure as an architect (approx. 50). There are nine divisions to the exam, usually taken at intervals of several months and often retaken. Tracks results on each of the nine divisions.
- BOARDS OF ENGINEERING AND/OR ARCHITECTURE: Data on the boards in the other 49 States and 6 territories (approx. 100). Tracks name, address, phone/fax, and executive director.
- APPLICATIONS: Data on applicants for licensure by reciprocity or examination (approx. 750). Tracks education, experience, staff recommendation, etc.
- ENGINEERING EXAMINATIONS: Candidates for licensure taking either the Fundamentals of Engineering (1<sup>st</sup> exam) or the Principles and Practice of Engineering (2<sup>nd</sup> exam); tracks their results, education, experience, number of tries, etc. (approx. 200 in two databases).
- GEOLOGISTS AND LANDSCAPE ARCHITECTS: Licensees for the boards with whom the Board of Engineers and Architects have entered into a Memorandum of Understanding to provide administrative services.

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<b>Agency</b>	<b>60 - Nebraska Ethanol Board</b>
<b>Agency IT Contact</b>	<b>Steve Sorum (sorum@nrdec.nrc.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 599,338	<b>Agency FTE</b>	4
<b>IT Budget FY2001</b>	\$ -	<b>Agency IT FTE</b>	0

**Agency Mission**

The mission of the Nebraska Ethanol Board is defined in enabling legislation. Broadly stated, the NEB is committed to cooperation with private industry to encourage production, sale, and use of agriculturally produced ethyl alcohol and its co-products. Specifically, the NEB is directed to help establish ethanol production in the state; to promote and develop markets for ethanol and its co-products; and to sponsor research that will advance industrial uses for ethanol.

The Ethanol Development Act declares it shall be the state's public policy to "safeguard the life, health, property, and public welfare of its citizens with the production, sale, and use of motor fuel. The pollution caused by certain components of motor fuel are matters affecting the public interest and a statewide emphasis on the production and use of motor fuel containing agricultural ethyl alcohol as a substitute for polluting components is necessary for the reduction of pollution. It will further serve as an incentive for the agricultural economy in this state and provide an energy and environmental benefit to the citizens of the state and to future economic growth of Nebraska."

**Agency IT Staff**

The NEB has no FTE devoted directly to technology operations. Each of the agency's four FTE utilizes PC's in normal operations. The agency has contracted with a private vendor for installation assistance and other computer-related services for specific task associates with the acquisition, maintenance, and operation of microcomputers and various software packages owned by the Board.

**Benefits of IT to the Agency**

The technology on hand allows the agency to meet its mandated information functions. The agency staff is more productive and able to perform responsibilities in a more efficient manner. Much of the statistical information and modeling would be impractical to maintain if not for the computers.

The agency's current system of PC's connected by Microsoft Exchange allows effective communication and sharing of information among staff members and greatly enhances the productivity of all. With a relatively small staff, the agency is able to meet an ambitious program of information accumulation and dissemination, communication with national and regional trade organizations and the formation of several large statistical databases.

**Technical Environment**

<b>Desktop Operating System</b>	<b>Users</b>	<b>Network</b>	<b>Users</b>	<b>E-Mail</b>	<b>Users</b>
Windows 3.1	0	Novell Netware	0	Lotus Notes	0
Windows 9x	4	Windows for Workgroups	4	Microsoft Exchange	0
Windows NT	0	Windows 9x Peer Networks	0	Internet (POP3)	0
Windows 2000	0	Windows NT	0	OfficeVision	1
OS/2	0	Windows 2000	0	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify: )	0				

Nebraska Information Technology Commission  
**Agency Information Technology Plan Summary - 2000**

**Major Applications and Databases**

Address book, national and state ethanol sales, price information on ethanol and co-products, state and local press contacts, national and state ethanol plants and personnel, and EPIC fund projections and historical data.



Nebraska Information Technology Commission  
**Agency Information Technology Plan Summary - 2000**

<b>Agency</b>	<b>63 - Nebraska Board of Public Accountancy</b>
<b>Agency IT Contact</b>	<b>Annette L. Harmon (nbpa01@nol.org)</b>

<b>Agency Budget FY2001</b>	\$ 458,460	<b>Agency FTE</b>	4
<b>IT Budget FY2001</b>	\$ 1,500	<b>Agency IT FTE</b>	0

**Agency Mission**

The Board's mission is two-fold:

1. To protect the welfare of the citizens of the state by assuring the competency of licensed accountants.
2. To serve the needs of those in the practice of public accountancy by assisting them in complying with Nebraska law and Board-promulgated rules and regulations.

**Agency IT Staff**

The Executive Director is primarily responsible for the overall direction of the Board's technology, including understanding all systems of operation. The Staff Assistant is assigned to management of certain databases and updating the Board's web site.

**Benefits of IT to the Agency**

The Board maintains that information technology is to be utilized as a tool in assisting the Board in carrying out the responsibilities set in statute. By being able to compile and keep track of information on all licensees, the Board is better able to carry out its mission.

It was the Board's goal to develop and maintain databases for information on licensees, such as examination grades, exam sittings, educational degrees, experience qualifications, certification, registration, licensure and continuing education. From these databases, various reports on the effective management of the information can be generated and reviewed by administration and Board members. These reports are a routine part of their regular meeting agendas, as well as special projects.

Consumer inquiries can also be handled with the information technology we have as well. In an effort to make more information available to its licensees, potential examination candidates and members of the public, the Board has established a web page with Nebrask@Online. This allows the dissemination of routine information and forms generally only available upon request previously. The Board is currently in the process of adding two searchable databases to its web page: a disciplinary database, and a database of all licensed individuals and firms.

**Technical Environment**

<b>Desktop Operating System</b>	<b>Users</b>	<b>Network</b>	<b>Users</b>	<b>E-Mail</b>	<b>Users</b>
Windows 3.1	0	Novell Netware	0	Lotus Notes	0
Windows 9x	5	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	1 server	Windows 9x Peer Networks	0	Internet (POP3)	4
Windows 2000	0	Windows NT	5	OfficeVision	0
OS/2	0	Windows 2000	0	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify: )	0				

Nebraska Information Technology Commission  
**Agency Information Technology Plan Summary - 2000**

**Major Applications and Databases**

Visual FoxPro and Access. The computer programming supports databases for the following types of information: examination grades and educational degrees; certification and licensure for individuals, including records of continuing education attendance and past licensure history; approved continuing education courses; registration and licensure for CPA firms, including quality review performance; and complaints against individuals and firms.

Nebraska Information Technology Commission  
**Agency Information Technology Plan Summary - 2000**

<b>Agency</b>	<b>64 - Nebraska State Patrol</b>
<b>Agency IT Contact</b>	<b>Scott McFall (smcfall@nsp.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 41,780,079	<b>Agency FTE</b>	630
<b>IT Budget FY2001</b>	\$ -	<b>Agency IT FTE</b>	6

**Agency Mission**

The mission of the Nebraska State Patrol is to exemplify our values by providing the highest quality of law enforcement and service to the citizens. Through innovation and cooperation, we strive to promote and maintain the spirit of teamwork that is the tradition of the Nebraska State Patrol.

**Agency IT Staff**

The Patrol's IT staff consists of three full time permanent positions and three grant funded positions:

Information Technology Manager - vacant until June 30,2001

The IT Manager is responsible for the Information Systems Division and is the Division Commander. Duties include direct supervision of IT employees. This position manages all current computer related issues for the Patrol and for the future technology direction of the Patrol. Indirect management duties include ultimate responsibility for the operation, upgrading, maintenance and troubleshooting of all major Nebraska State Patrol Enterprise Network (NSPEN) systems. This position serves as coordinator to all the Patrol's technology needs to include, LAN/WANs, Help Desk Technology, Data Processing, Radio Communications, Dispatch Information Technology, Investigative Services Information Technology, Criminal Identification Information Technology, Intelligence/Criminal Analysis Division, Carrier Enforcement Information Technology, AFIS and Crime Lab Information Technology.

Information Technology Supervisor – Permanent Employee

This position reports to the IT Manager and is directly responsible for the daily design, planning, operations, installation and maintenance of the Local Area Networks and for the Wide Area Networks as well as remote site connectivity statewide. This position provides system administration and technical expertise for the NSP Information Technology Division.

Information Technology Applications Developer Senior – Permanent Employee

This position reports to the IT Manager and is responsible for the system administration of the AS/400 and for the programming in COBOL and RPG of the AS/400.

Infrastructure Systems Analyst Senior – Grant Funded

This position is responsible for designing, developing, implementing, upgrading, and maintaining the Nebraska Law Enforcement Intelligence System which is an Internet based query system tying together multi-jurisdictional drug task forces, federal agencies, and law enforcement organizations for the purpose of exchanging drug intelligence information.

Information Technology Applications Developer – Grant Funded

This position is responsible for designing, building, and implementing a Lotus Notes Solution for the State Patrol. This position is the principal Notes developer and Lotus Data Pump expert. This position shares in the administration of Lotus Notes as well as the administration and query functions of the AS/400.

Information Technology Infrastructure Support Analyst – Grant Funded

This position is responsible for the implementation of the Lotus Notes Solution for the State Patrol including training users and administering Lotus Notes and user environments on the NT enterprise network. This position is also developing Notes applications and administrates the State Mainframe accounts. The administration of the users of the NT enterprise network, State Mainframe, and Notes is very intensive and time consuming.

Information Technology Infrastructure Support Technician – Permanent Employee

Nebraska Information Technology Commission  
**Agency Information Technology Plan Summary - 2000**

This position is responsible for basic troubleshooting and being the Enterprise Network Administrator's backup, as well as responsible for ordering all computer software and hardware and keeping inventory. This person deploys a great deal of the software and hardware to the field. This position helps the IT Supervisor in implementing the enterprise network and spends time with network administration duties.

The State Patrol must absorb the grant-funded positions as they expire to keep the experience and talent in our division. This is critical to the continued functioning of our entire agency. Because our staff is spread thin among the approximately 700 employees statewide, we must rely heavily on people in the field to assist. There are several staff within the agency that perform IT related tasks but are not officially designated as Information Technology classifications. These people support IT applications primarily within their own division but also support agency-wide applications and systems when required but have received no formal training and rarely have a chance to see how the IT division operates on a standard. In comparison, the Carrier Enforcement division for the State Patrol has 3 full time, federally funded, permanent IT staff to cover approximately 80 officers statewide. If we were to follow those federal guidelines for our agency we would have an IT staff of 18-20, which is not unreasonable.

Others not directly in Information Technology Division:

IT-Infrastructure Support Analyst Lead – Permanent Employee  
Carrier Enforcement Division, responsible for purchase, maintenance, and upgrading of MCSAP/Carrier Enforcement hardware & software, maintenance of Safetynet programs and databases, equipment inventory, Safetynet Data Analysis & Reports.

IT-Infrastructure Support Analyst – Permanent Employee  
Carrier Enforcement Division, responsible to Lead Analyst for the upgrading and maintenance of hardware & software, tape backups, Motor Carrier inspection file integration, Web Page maintenance, equipment inventory, Safetynet Data Analysis & Reports.

State Patrol Fingerprint Systems Coordinator – Permanent Employee  
Automated Fingerprint Identification System (AFIS) administrator with direct responsibility to State Patrol and other agencies using the system of computerized fingerprint input devices and host technology for the statewide system. Administers the operations of AFIS providing 24 hour assistance. Monitoring system to ensure its operating to its fullest potential, including throughput, quality and performance, aided by using private computer at residence. Performs System level maintenance on AFIS hardware and other equipment used in the automated fingerprinting process. Assigns and monitors control of AFIS table updates, software upgrades and security.

IT Business Systems Analyst – Permanent Employee  
Investigative Services Division, provide management expertise for multiple on going projects. Maintain liaison with the CDP development team, Printrak International and all other vendors working on issues relative to criminal records. Act as a bridge between the Patrol Criminal Identification Division and representatives of local and state agencies with respect to multi-jurisdictional automation projects. Evaluate current systems and maintain a procedure to ensure necessary changes are accomplished and cosmetic or optional design changes are assigned in priority order.

State Patrol Sergeant/Communications Division – Permanent Employee (sworn)  
Communications Division, maintenance for the State Patrol Message Switch and all the pertinent equipment that goes with it. Provide assistance to users throughout the State in regards to messages that needs to be routed and see to it that they get delivered properly.

<b>Benefits of IT to the Agency</b>
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Many of the information technology projects planned by our agency in the near future can utilize some of the new technologies that are now available. Some of these technologies were previously available but were too costly to use. Recent cost reductions in their use now make them a feasible alternative. Bar coding technology is aimed at systems that require accurate and timely entry of data. The Evidence Inventory and Tracking and Equipment Inventory Systems are two Patrol projects that could use this technology. The Mug Shot Tracking and Recording System could utilize digital imaging. The prices of cameras and recording devices have recently become affordable to law enforcement agencies. The Patrol has established the basis for a data warehouse by envisioning a SAN (Storage Area Network) device to retain all mission critical databases. There are data warehousing and data mining software packages available that could assist the Patrol in utilizing that data in the most effective manner possible. These tools allow users to better understand their data and stay current with it. Trend analysis and discovering unknown patterns are two uses of these tools. Potentially an intelligence database could be used with data mining

Nebraska Information Technology Commission  
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software to discover trends that could help in drug law enforcement. The Patrol also has the databases and software products to develop an Executive Information System that would allow the management of the organization to obtain information that would improve the productivity of the organization.

Our agency is dependent on its technical infrastructure to carry out day-to-day activities. In order to provide timely and required technical support for our agency the Information Systems Division will need to hire additional technical staff to meet the escalated demand. This request will be part of our biennium budget request.

Our agency recognizes the need to provide a uniform and consistent direction for information technology within the agency. The Patrol is envisioning integrating and consolidating the agency's technological areas to better achieve the greatly needed uniformity. This priority project will provide the appropriate direction needed for information technology throughout the agency. It will ensure that information technology projects are appropriately funded, monitored and completed within their approved budget.

During the past several years all levels of government have allocated substantial resources in an effort to reduce crime, enhance public safety and administer justice. Law enforcement agencies are continually faced with escalating levels of criminal activity including the rise in violent and drug-related crime. These factors along with the increased sophistication of criminal elements, mobility of offenders, escalating case loads and heightened public awareness place tremendous pressures on public safety agencies.

The Nebraska State Patrol is increasing its technical sophistication and implementing a wide range of information technology solutions in response to public expectations. Our agency is continually seeking cost-effective ways to increase productivity and implement solutions that address real-world problems.

These efforts are targeted at the following areas:

- Enhancing officer and citizen safety;
- Enhancing highway safety;
- Responding better to emergency situations;
- Enhancing Patrol officer productivity;
- Managing rising case loads more effectively;
- Interfacing with legacy applications;
- Agency Asset Sharing;
- Sharing information across multiple systems and applications;
- Implementing new technology;
- Building integrated public safety and justice solutions.

Our agency has already made a substantial investment in new technology and has seen some of the benefits in the productivity of the officers. Our goal is to continue to build on the past accomplishments with additional projects using information technology.

Our agency's technology budget was reduced to zero for the last biennium budget including technology maintenance. This not only caused us to stall out in technological advancement but to fall behind. We are now lacking not only in our IT goals but also on the on-going maintenance requirements to do day-to-day business. It will now be imperative we receive funding to catch up for the last two years. It will also be critical to fund our future projects so we can begin to move forward.

<b>Technical Environment</b>
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Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	0	Novell Netware	0	Lotus Notes	650
Windows 9x	75 laptops	Windows for Workgroups	0	Microsoft Exchange	375
Windows NT	700	Windows 9x Peer Networks	5	Internet (POP3)	15
Windows 2000	5	Windows NT	400	OfficeVision	10
OS/2	150	Windows 2000	5	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	17		
Mac OS	4	Other -	0		
Other (Specify: )	0				

Nebraska Information Technology Commission  
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**Major Applications and Databases**

Our Agency has numerous significant custom applications such as the Sex Offender Registry web site and database, NeLEIS web site and database, Criminal Intelligence database, and others written in HTML, Cold Fusion, SQL, Lotus Notes, Paradox, and Access.

AFIS – Automated Fingerprinting Identification System  
PCH – State Law Enforcement Repository for Criminal History  
NELEIS – State Law Enforcement Drug Intelligence  
Missing Children – Missing Children Network  
NLETS/NCIC – National Criminal Information Center  
PenLink – Phone Wire Tap Data  
FBI Validation – Cross Reference of Records  
SOR – Sex Offender Registry  
ASPEN – Electronic Motor Carrier Inspections  
Blizzard – Master database for ASPEN Inspections  
CAPRI – Motor Carrier compliance review database  
CMV Accidents – Commercial motor vehicle accidents database  
MicroCensus – SAFETYNET Intrastate Motor Carrier database  
Dyed Fuel Database – Commercial motor vehicle fuel tracking  
NCJIS – Nebraska Criminal Justice Information System  
Criminal Lab Evidence Tracking Database  
Explosive Permits Database  
NAS – Agency Accounting System  
NEIS – Agency Employee Information System  
Accounting Disbursement Documents  
Accounting MCSAP Unit Number File  
Accounting Vendor File  
Arrest Tracking/New Case Tracking (712 Database)  
DMV/County File  
Carrier Enforcement PBT Alco-Sensor Inventory File  
Carrier Enforcement Shotgun Tracking File  
Carrier Enforcement Permits Issued File  
Carrier Enforcement Weigh Station Master File  
Carrier Enforcement Special Office Equipment Inventory  
Carrier Enforcement Waiver Money Tracking  
Carrier Enforcement Computer Equipment Inventory  
Equipment Inventory Master File  
Cash Funds Reports File  
Hardgoods Furniture/Description Inventory File  
Issued Inventory Master/Detail Record File  
Incident Processing Upload File  
Master Name Index (MNI Database)  
Personnel Evaluation File  
Personnel Division File  
Personnel Rank File  
Personnel Information File  
Personnel History File  
Radio Engineering Inventory/Description File  
Summons/Violations/Warnings  
Time Reporting File (Timesheets)  
Time Reporting Codes (Offense/Grant/Function/Facility)  
Time Reporting Comp/Overtime File  
Time Reporting Overtime Pay Period Start/End Dates  
Time Reporting Vacation/Sick Leave File  
Violation Codes File  
Vehicle Unit Identification File  
Property Seizure Information

Nebraska Information Technology Commission  
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Nebraska Missing Persons  
Nebraska Wanted Persons  
Nebraska Towed Vehicles  
Position Postings – State Patrol Employment  
Rolodex – Employee Roster and Information  
Intelligence System Codes  
Evaluations – Annual and Quarterly Employee Reviews  
Purchase Orders – Agency Purchasing Mechanism  
Training Requests – Training Mechanism  
IT Project Listing – Information Technology Project Tracking (internal)  
IT Update - Information Technology Project Tracking (external)  
CE IT Project Listing – Carrier Enforcement IT Project Tracking  
Criminal Identification Background Check – Personnel Investigations  
NSP Document Library (Policy/SOP/Forms links) – Document Management  
Expense Vouchers – Reimbursement Request Mechanism  
STAN Bulletin Board – State Troopers Assoc. Information Site (internal)  
NSP Bulletin Board – State Patrol Information Site (internal)  
Personal Bulletin Board – Employee Information Site (internal)  
TA Course Catalog – Training Academy Courses  
TA In-service Records – In-service Training history  
NSP Photo Log – Patrol Employee Photographs Management  
CE Schedule – Carrier Enforcement Work Schedule  
Timesheets – Employee Timekeeping (Lotus Notes)  
Timesheets Archive (1998, '99, '00) – Employee Timekeeping History  
Evidence – Evidence Tracking Information  
Evidence Archive – Evidence Tracking History  
MNI – Master Name Index for Criminal Intelligence  
NSP Resources (Reservations) – Technology Resources, Conference Rooms, etc.  
650 users' mail files – Electronic Mail Account for Each Employee  
County Drug Fund – Fund Tracking Information  
K9 Unit – Commissioned Dogs and handler Information  
Firearms – Firearms Tracking Information  
Funding Proposals – Funding Source Templates  
Non Lethal Use of Force – Required Information from an Incident  
Policy – Agency Policy  
Internal Affairs – IA Tracking Information  
Traffic Forms – Required Information  
Investigative Services Forms – Required Information  
Weapons Destruction – Tracking, Inventory and History  
712 - Investigative Data Report – Incident Reporting (Lotus Notes)  
Supply Inventory – Tracking and History (Lotus Notes)  
Vacation/Sick Leave/Comp Time – Tracking and History (Lotus Notes)  
Legislative Bills – Tracking and History  
Federal Undercover Driver's License Database  
State Patrol Undercover Driver's License Database  
Correction Investigations Database  
Special Investigations Database  
Pursuit Critiques Database  
ASPEN – Driver / Vehicle safety Inspection Information  
Inspection Selection System (ISS) – Carrier Safety Ranking and Targeting System  
Commercial Driver License Information System (CDLIS) - Nationwide linkage of State driver license systems  
SAFER - Safety Data Access System  
National Data Mailbox (NDM) - Access to Safety Performance Data  
SAFETYNET - State Level Information Management System for Motor Carrier Safety  
Blizzard - Communications handler and preprocessor for inbound vehicle inspection reports coming from the ASPEN software  
MCMIS (Motor Carrier Management Information System) - National data warehouse of safely performance information

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<b>Agency</b>	<b>65 - Department of Administrative Services</b>
<b>Agency IT Contact</b>	<b>Larry Eckles (leckles@notes.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ -	<b>Agency FTE</b>	-
<b>IT Budget FY2001</b>	\$ 84,338,214	<b>Agency IT FTE</b>	222+

**Agency Mission**

The Department of Administrative Services has the responsibility of providing centralized support services to State Agencies, boards and commissions. These functions are spearheaded by the Agency Director through 12 separate divisions (Accounting; Budget; Building; Chief Information Officer; Communications; IMServices; Employee Relations; Material; State Personnel; Risk Management; Task Force for Building Renewal; and Transportation Services Bureau). The information technology plans for each division are available on the NITC Web site at <http://www.nitc.state.ne.us/>.

**Agency IT Staff**

**IMServices:**

Information Management Service's approach to staffing for maintaining existing client needs and new requests involves a core State staff supplemented with contractors for peak resource needs and special skills. As new requests are implemented, ongoing support is normally required, which is supported through the replacement of contractors with State staff when possible. IMServices currently has 222 FTE devoted to client support. In addition, IMServices is contracting with private vendors for 163 additional personnel to support various development efforts and ongoing support. IMServices also manages 116 contractors on behalf of client agencies.

The **other DAS divisions** each report three or less FTE devoted to information technology for their respective divisions.

**Benefits of IT to the Agency**

(See division IT Plans.)

**Technical Environment**

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	5	Novell Netware	37	Lotus Notes	565
Windows 9x	127	Windows for Workgroups		Microsoft Exchange	
Windows NT	477	Windows 9x Peer Networks	34	Internet (POP3)	72
Windows 2000	5	Windows NT	490	OfficeVision	618
OS/2	5	Windows 2000		Other (Specify: )	
Linux		OS/2 LAN Server and Warp Server	5		
Mac OS	4	Other - Mac	4		
Other (Specify: )					

IMServices technical environment includes: MVS Enterprise Server; VM Enterprise Server; a Midrange Environment; and a PC/LAN Environment. For additional information about IMServices technical environment and that of the other divisions, see the division IT plans.



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**Major Applications and Databases**

Director's Office	Legislative Bill Tracking System Project Tracking System
Accounting	NAS - Nebraska Accounting System NEIS - Nebraska Employee Information System STIP - short-term investment pool CASH FLOW - system to monitor the state's general fund balance Cash Management - system to facilitate the delay of draw of federal funding on the single letter of credit Duplicate Warrant system SWW - single warrant writer system
Budget	Nebraska Budget Application databases - biennial budget request data BudFiscal - historical expenditures NAS Appropriation - current and historical appropriations
Building	State buildings and land inventory - an aggregate inventory of all state owned capital facilities, used for statistical purposes and to provide a basis for property insurance  Work order system - to document the maintenance of capital assets and provide a means of scheduling human resources to support the maintenance program  Leased space inventory - to track the location, utilization and cost of buildings and lands leased by state agencies
Communications	CSB – Communications Services Billing – This database contains all of the billing information for the Division of Communications to produce its monthly bill. CIB – Communications Invoice Billing – This database interfaces with CSB and NAS and is used to process all of the Division of Communication's invoices.
Employee Relations	Grievance Appeal Statistics
IMServices	Information Management Services is the custodian of hundreds of data bases for our clients. The capacity exists to store more than one trillion characters (one terabyte) of information, which equates to approximately 700,000 PC diskettes. The major data bases utilized by IMServices for its own purposes are: Support Data Bases (timesheets, projects) Billing Data Base (client usage information) Security Data Bases (RACF, Secure ID Cards) Performance Data Bases (Key Performance Indicators)
Materiel	Public Procurement Services - Advance procurement system First Logic - Postal Soft Desktop Mailer; Peachtree (for office supply bureau inventory); Fox Pro (mail billing) Requisition Tracking System (RTS) Statewide Inventory (SWI)
Personnel	SOS Payroll - tracks time cards and work histories of SOS temporary employees and processes inputs to NEIS that create the SOS pay checks. Also creates billings to Agencies to for temporary services and tracks continuous service times of employees. Application Database - tracks electronic job applications submitted through the website, and prepares them for entry into our Personic Workflow application tracking system. Personic Workflow - commercial software that manages job requisitions, job applications and the process of matching job applications with job requisitions. Travis Cobra - commercial software that helps us manage the Cobra insurance program. Class/Comp Tracking - This application is being developed to allow us to track Classification and Compensation requests, and to communicate the status to agency personnel contacts.
Transportation Services Bureau	VIS (Vehicle Information System) - used to track TSB vehicles, billing, milage, preventative maintenance, and replacement TSB Driver ID Card

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<b>Agency</b>	<b>Nebraska Equal Opportunity Commission</b>
<b>Agency IT Contact</b>	<b>Kathleen Bogenreif (kabogen@neoc.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 2,106,229	<b>Agency FTE</b>	41
<b>IT Budget FY2001</b>	\$ -	<b>Agency IT FTE</b>	.5

**Agency Mission**

The mission of the agency is to receive, investigate and make decisions on charges of unlawful employment, housing and public accommodations practices anywhere in the State of Nebraska.

**Agency IT Staff**

We do not currently have a position devoted specifically to maintaining our IT system. Kathy Bogenreif, Admin. Assistant in the Lincoln office, is the system administrator and spends about 50% of her time on IT related areas. This includes not only keeping the hardware running, but research on new technology, purchasing decisions, inventory, etc. When necessary, she acts as liaison with technical support staff on the phone and with PC/Lan group when their services are needed. We also have several staff assistants who provide software support for our staff in general. They answer questions, assist with software/application problems and do research when necessary. The staff asst. in Omaha does help K. Bogenreif by doing some troubleshooting for hardware problems.

**Benefits of IT to the Agency**

The benefit of our IT system is by providing the up-to-date tools and equipment for our staff we give them the opportunity to be their most efficient. By establishing standard letters and forms on line for the staff and the ability to access these items by pushing a button (on their toolbar) the agency gains consistency in our work processes and work product and the employees can do their job faster. Using internet Email for office communications, has lessened the amount of time spent by staff because information is shared faster. Other timely information can be found and shared in an efficient manner. This benefits the public (our customers) because we have been able to reduce the time needed per case, thus increasing our total case production and shortening the time from the filing of a charge to it's conclusion.

**Technical Environment**

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	0	Novell Netware	0	Lotus Notes	0
Windows 9x	42 + 2 laptops	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	0	Windows 9x Peer Networks	0	Internet (POP3)	42
Windows 2000	0	Windows NT	2 servers w/ 21PC's	OfficeVision	0
OS/2	0	Windows 2000	0	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other - SCO-Unix	1 PC		
Other (Specify: )	0				

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**Major Applications and Databases**

The NEOC utilizes a custom data base that was written in the mid 80's to keep track of the statistical information of the agency. This database on the mainframe keeps track of all open cases, their status, when they are assigned for investigation, to whom they are assigned and when they are completed. The data base indicates the age of the case in our system.

We also use NEIS and NAS and other applications such as the Budget application that is based on the state mainframe.

The data base outlined in custom applications is maintained on the mainframe by our agency to keep track of our cases and where they are in the system.

We also maintain a data base which acts as a case log listing the basics about a case such as the case number, name and address of charging party and respondent and basis for filing. This was designed to replace a paper log we used to keep. At 6 months and 12 months, we use this data base to send out cards to complainants indicating that their case is still active. In this way we keep addresses current. We have shortened our back log significantly, and cases are currently being assigned in less than 12 months.

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<b>Agency</b>	<b>68 - Mexican American Commission</b>
<b>Agency IT Contact</b>	<b>Cecilia Olivarez Huerta (mac1000@vmhost.cdp.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 172,236	<b>Agency FTE</b>	2
<b>IT Budget FY2001</b>	\$ -	<b>Agency IT FTE</b>	0

**Agency Mission**

Our mission is to serve as a voice in the Nebraska state government so that all Mexican-Americans/Hispanics/Latinos have the opportunity to participate fully in the good life of Nebraska.

**Technical Environment**

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1		Novell Netware		Lotus Notes	
Windows 9x		Windows for Workgroups		Microsoft Exchange	
Windows NT		Windows 9x Peer Networks		Internet (POP3)	
Windows 2000		Windows NT		OfficeVision	3
OS/2		Windows 2000		Other (Specify: )	
Linux		OS/2 LAN Server and Warp Server			
Mac OS		Other -			
Other (Specify: )					

**Major Applications and Databases**

Mailing list for quarterly newsletter.

Nebraska Information Technology Commission  
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<b>Agency</b>	<b>69 - Nebraska Arts Council</b>
<b>Agency IT Contact</b>	<b>Kathy Kusak (kkuszak@nebraskaartscouncil.org)</b>

<b>Agency Budget FY2001</b>	\$ 3,502,326	<b>Agency FTE</b>	10.6
<b>IT Budget FY2001</b>	\$ -	<b>Agency IT FTE</b>	-

**Agency Mission**

The Nebraska Arts Council is a state agency that promotes, cultivates, and sustains the arts for the people of Nebraska.

**Agency IT Staff**

Associate Director of Administration  
 Manager of Arts Education & Community Programs  
 Grants Manager

**Benefits of IT to the Agency**

The Nebraska Arts Council will increase accessibility and reach a broader base of constituents in not only Nebraska, but throughout the country as well. As a result of maintaining current information on the internet, the NAC will have the ability to respond more quickly to constituents' needs and keep people informed of the importance of the arts in their lives.

The upcoming conversion to e-granting will make the grant application and intake processes more efficient.

**Technical Environment**

The NAC has one NT server that networks the agency's PC desktops and provides data storage for the network. There are 13 PC desktops connected through the server. All desktops are operating on Windows 95. The NAC has one NT server that networks the agency's PC desktops and provides data storage for the network.

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	0	Novell Netware	0	Lotus Notes	0
Windows 9x	12	Windows for Workgroups	0	Microsoft Exchange	12
Windows NT	1-server	Windows 9x Peer Networks	0	Internet (POP3)	12
Windows 2000	0	Windows NT	1 server	OfficeVision	0
OS/2	0	Windows 2000	0	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other - Local network for artists' networks	X		
Other (Specify: )	0				

**Major Applications and Databases**

The Microsoft Access-based system, "Pearl", was developed by Bromelkamp & Company specifically for grants management.

- Pearl –database maintaining the grants system and names for office mailings
- GiftMaker Pro – database for the Nebraska Cultural Endowment and for events
- Microsoft Access –the Accounting Department uses to maintain Year-To-Date records

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<b>Agency</b>	<b>72 - Department of Economic Development</b>
<b>Agency IT Contact</b>	<b>Joy Alice (jalice@neded.org)</b>

<b>Agency Budget FY2001</b>	\$ 40,986,316	<b>Agency FTE</b>	72
<b>IT Budget FY2001</b>	\$ -	<b>Agency IT FTE</b>	2

**Agency Mission**

The mission of the Nebraska Department of Economic Development (DED) is to provide quality leadership and services that enable Nebraska communities, businesses and people to succeed in a global economy.

**Agency IT Staff**

The Agency has 2.0 FTE personnel resources devoted to support DED Information Technology components:

- 1.0 FTE Infrastructure Support Analyst - Senior
- 1.0 FTE Infrastructure Support Analyst

The Agency uses College Interns, Work study Students, and SOS workers to provide assistance with specific projects

The Agency hires Contract workers on occasion for specific projects.

**Benefits of IT to the Agency**

The Agency will continue to evaluate information technology components (including supporting staff) as to their value to the Agency, and their compatibility with stated goals and visions of the Agency.

- Objective - use the following criteria for evaluating value to the Agency:
- cost effectiveness
  - ease of use
  - compatibility with existing systems
  - reliability
  - compliance with standards and guidelines

**Technical Environment**

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	0	Novell Netware	0	Lotus Notes	0
Windows 9x	5	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	85	Windows 9x Peer Networks	0	Internet (POP3)	88
Windows 2000	2	Windows NT	85	OfficeVision	5
OS/2	0	Windows 2000	0	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	4	Other -	0		
Other (Specify: )	0				

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**Major Applications and Databases**

MITAS	Community & Rural Development Division – Federal Grants Programs
Information Center	Tourism Division – Manage disbursement of Tourism Fulfillment Program
Film Office InfoBase	Tourism Division – Manage Film Office Information
Nebraska Manufacturing Extension Partnership	Business and technical services to manufacturers and processors throughout Nebraska
Field Services Information System	Tracks Community Contacts and projects
Information Systems Database	Manage Information Systems equipment maintenance, procurement, and inventory
Business Development Database	Manage Business Recruitment Activity
MFG Directory	Directory of Manufacturers in Nebraska

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<b>Agency</b>	<b>74 - Power Review Board</b>
<b>Agency IT Contact</b>	<b>Tim Texel (tjtexel@linux3.nrc.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 269,732	<b>Agency FTE</b>	2
<b>IT Budget FY2001</b>	\$ -	<b>Agency IT FTE</b>	0

**Agency Mission**

The mission of the Nebraska Power Review Board is to regulate Nebraska's electric industry to ensure that Nebraska's citizens receive adequate electric service at the lowest cost possible, to eliminate conflict and competition between Nebraska's power suppliers, to avoid and eliminate duplication of facilities and resources, to facilitate the settlement of rate disputes between power suppliers, and to issue an annual report to the Governor and Legislature which monitors the conditions in the electric industry that indicate whether retail competition in electricity would be beneficial for the citizens of Nebraska.

**Agency IT Staff**

The Power Review Board has a staff of two people -- the executive director and an administrative assistant. Both staff members attempt to spend adequate time supporting the items listed in section 3.A. However, the Board's staff time is primarily occupied with fulfilling the Board's primary duties and activities related to its mission. The Board does not have the resources nor the funds to provide a full-time staff member or contracted staff member devoted solely to supporting the items in section 3.A

**Benefits of IT to the Agency**

The website has been a valuable addition to the Board's public and business relations. Although we have not yet seen the number of hits on the Board's new website, it has proven useful in providing information about the Board and deregulation activities in Nebraska to interested parties across the country. With the dramatic increase of activities in the electric industry on matters such as deregulation and collaboration of regulatory agencies, the website and the addition of e-mail has increased the Board's exposure. The website and internet has also saved some expenses by allowing individuals to access the Board's regulations without the Board needing to mail copies of them to interested parties. The Board maintains a list of interested parties who regularly receive the Board's agenda and minutes, but the website makes it easier and less expensive for parties who may only deal with the Board on rare occasions to review the Board's agenda and minutes. Other parties may review these materials on the website, obviating the need to mail copies to them. The e-mail access has made it more convenient and less expensive to contact Board members and power supplier representatives, rather than incurring postage or long-distance telephone costs.

**Technical Environment**

<b>Desktop Operating System</b>	<b>Users</b>	<b>Network</b>	<b>Users</b>	<b>E-Mail</b>	<b>Users</b>
Windows 3.1	0	Novell Netware		Lotus Notes	0
Windows 9x	2	Windows for Workgroups		Microsoft Exchange	2
Windows NT	0	Windows 9x Peer Networks		Internet (POP3)	0
Windows 2000	0	Windows NT		OfficeVision	0
OS/2	0	Windows 2000		Other (Specify: )	0
Linux	2	OS/2 LAN Server and Warp Server			
Mac OS	0	Other - Local network for artists' networks			
Other (Specify: )	0				



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<b>Agency</b>	<b>75 - Nebraska Investment Council</b>
<b>Agency IT Contact</b>	<b>Kathy Dawes (kdawes@mail.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 555,625	<b>Agency FTE</b>	6
<b>IT Budget FY2001</b>	\$ 13,500	<b>Agency IT FTE</b>	0

**Agency Mission**

“It is the mission of the Nebraska Investment Council to prudently manage the funds entrusted to us by the people of the State of Nebraska. We deliver investment management services to provide direct financial benefit exclusively to the owners of these funds. We are committed to thorough, sound, and informed analysis in order to achieve superior returns while maintaining prudent levels of risk.”

**Agency IT Staff**

Business Manager  
 Contract with Computer Associates

**Benefits of IT to the Agency**

The investment management industry is technologically intensive. The firms we hire to provide top quality investment management services are going to be at the forefront of information technology. Therefore, the requirement of our service providers will dictate our internal information technology hardware and software upgrades. The alternative of using inferior service providers will significantly impact investment portfolio earnings.

**Technical Environment**

<b>Desktop Operating System</b>	<b>Users</b>	<b>Network</b>	<b>Users</b>	<b>E-Mail</b>	<b>Users</b>
Windows 3.1	0	Novell Netware		Lotus Notes	0
Windows 9x	6	Windows for Workgroups		Microsoft Exchange	0
Windows NT	0	Windows 9x Peer Networks		Internet (POP3)	6
Windows 2000	0	Windows NT		OfficeVision	0
OS/2	0	Windows 2000		Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server			
Mac OS	0	Other -			
Other (Specify: )	0				

**Major Applications and Databases**

N/A.

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<b>Agency</b>	<b>77 - Commission of Industrial Relations</b>
<b>Agency IT Contact</b>	<b>Annette Hord (ncir02@nol.org)</b>

<b>Agency Budget FY2001</b>	\$ 231,938	<b>Agency FTE</b>	3
<b>IT Budget FY2001</b>	\$ 6,429	<b>Agency IT FTE</b>	0

**Agency Mission**

The mission of the Commission of Industrial Relations is to guarantee continuous, uninterrupted operation of governmental service to the citizens of the State of Nebraska in times of industrial (labor) disputes.

**Agency IT Staff**

Clerk/Administrator has general responsibility, but the agency relies on IMS for technical assistance.

**Benefits of IT to the Agency**

The primary tangible benefit of the agency's investment in information technology is the access that our staff and subscribers, many of whom are attorneys, have to the previous decisions of the CIR. Knowing how the CIR has ruled in the past aids our staff in the preparation of current decisions, helping to provide consistency. This helps the parties know the position of the CIR on issues, and would certainly be helpful to them in preparing any cases to bring to the CIR. Having these decisions on the Internet, in a searchable format, greatly increases the productivity of the staff and judges. This helps to keep the staff size small and also helps to hold down the per diem costs.

The intangible benefit would be that the public has an opportunity to be better informed regarding the CIR, what it does, and how it works, due to the website. The CIR does not really provide services to the public at large, as other agencies do, so interest is probably less than it would be for other websites. However, if a person has a need to know more about the agency, due to their involvement in some type of labor issue, the information is there for them to use.

**Technical Environment**

<b>Desktop Operating System</b>	<b>Users</b>	<b>Network</b>	<b>Users</b>	<b>E-Mail</b>	<b>Users</b>
Windows 3.1	0	Novell Netware	0	Lotus Notes	0
Windows 9x	3	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	0	Windows 9x Peer Networks	3	Internet (POP3)	3
Windows 2000	0	Windows NT	0	OfficeVision	3
OS/2	0	Windows 2000	0	Other (Specify: )	
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify: )	0				

**Major Applications and Databases**

CIR Reporter available through [Nebrask@](mailto:Nebrask@) Online - To search decisions of Commission

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<b>Agency</b>	<b>78 - Nebraska Commission on Law Enforcement</b>
<b>Agency IT Contact</b>	<b>Michael Overton (moverton@crimecom.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 17,798,580	<b>Agency FTE</b>	36.3
<b>IT Budget FY2001</b>	\$ -	<b>Agency IT FTE</b>	1.5

**Agency Mission**

The stated mission of the Crime Commission is to provide comprehensive planning and coordination of activities related to the improvement of criminal and juvenile justice administration among state and local agencies. Through the direction and guidance of a 19 member board comprised of a representative group of criminal and juvenile justice professionals, the Crime Commission serves in a leadership role by providing expertise, technical assistance, training, financial aid, enforcement of mandatory standards and regulations, research, evaluation, statistical services and informational resources to criminal and juvenile justice programs statewide.

**Agency IT Staff**

Crime Commission -There are two staffers responsible for and capable of supporting Crime Commission IT. Neither of these are FTEs dedicated to IT support. Instead, they also do statistical work as well as CJIS planning and implementation. Development of in-house databases is done by these staff.

CJIS - CJIS has 1/2 FTE currently designated for all of its activities. Planning and other non-support tasks are contributed by other agencies. Direct support of NCJIS is contracted to IMS with hardware housed in the 501 Building. Development and various support tasks are contracted to Analysts International of Omaha.

NLETC -There is one FTE dedicated to supporting NLETC. His tasks include hardware and software support as well as in-house development.

**Benefits of IT to the Agency**

Benefits of the agency's investment in information technology have been felt in a variety of ways. While some savings are clear from a resource position there are also less tangible effects. Automation has provided staff greatly improved tracking of a variety of things: grants, class schedules, staff availability and sharing of documents. Training staff, CJIS staff and jail inspectors spend considerable time on the road. Technology has allowed us to remain productive and work more consistently on our main missions.

CJIS has been able to significantly improve the sharing of data across jurisdictions. NCJIS went live in April, 2000 and there are approximately 100 agencies trained and accessing data. Many of these agencies had no access to state data previously including county attorneys, smaller law enforcement and probation. We have had reported savings in the time to obtain criminal histories (estimated by Probation at 45 minutes per background check plus the time of local agencies who would have previously been involved) and instances where gun permits have been denied because of checks being available.

VINE was implemented to provide statewide victim notification. Since April, 1999 there have been over 10,200 calls in to the toll free VINE number for people obtaining information on the status of an offender. Previously jail staff would have had to field these calls. More than 1,000 victims have registered to be notified when an offender is released and almost 470 such calls have been made. To provide this service 64 jails were provided with PCs and jail management software which also includes mandated Jail Standards record keeping. These jails now electronically submit admission information to the Crime Commission as do the four larger jails who already had a system. This data provides statistics for planning as well as data for NCJIS.

To integrate data there must be automation in agencies. Jails have programs through VINE. To meet the local and reporting needs of law enforcement, and to lay the foundation for integration, CJIS contracted with Access Data for 100 installations of their records system. Funding is done through NCHIP monies applied for by NSP and CJIS appropriations. Six beta sites are now testing the software and we are doing NIBRS compliant testing. In the fall of

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2000 we will begin installing in small to medium sites, encouraging police and sheriffs in the same communities to share installation so they can share data. The vast majority of agencies do not have the funds nor, perhaps more significantly, the technical expertise to evaluate and acquire commercial software that can meet the multiple objectives and needs.

NLETC's Internet based training provides a very real savings for many agencies. Prior to this being available jails and other agencies were required to send staff to Grand Island for extended periods, some up to eight weeks. Small facilities had limited staff and this was a burden on workload as well as funding. Now the time in Grand Island is significantly reduced which saves expenses and allows staff to continue their normal duties while taking a portion of the course online. Although this may seem to benefit small agencies the most it is still a benefit to larger agencies in time savings as well as costs. Additionally, this provides a savings in staff time. They can now provide other classes during the weeks that would have been used for jail or reserve officer onsite classes.

**Technical Environment**

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	0	Novell Netware		Lotus Notes	
Windows 9x	45	Windows for Workgroups		Microsoft Exchange	
Windows NT	0	Windows 9x Peer Networks		Internet (POP3)	45
Windows 2000	0	Windows NT		OfficeVision	11
OS/2	0	Windows 2000		Other (Specify: )	
Linux	0	OS/2 LAN Server and Warp Server			
Mac OS	0	Other -			
Other (Specify: )					

**Major Applications and Databases**

The most significant applications developed for the agency include NCJIS (Nebraska Criminal Justice Information System) - secure, web based data warehouse as described earlier NLETC Internet Training - developed cooperatively with NET to eliminate the need for some of the onsite training for jailers and reserve officers, in particular.

**Crime Commission**

- Uniform Crime Reporting Program (UCR) and Nebraska Incident Based Reporting System (NIBRS) - statistical programs that collect information on crimes and arrests
- Hate Crimes - crimes reported relative to legislation designating the Crime Commission as a statistical repository
- Domestic Violence - crimes reported relative to legislation designating the Crime Commission as a statistical repository. Additionally a statistically based system derived from grant programs is being developed and implemented.
- Jail and Juvenile Detention Admission and Releases - data used for statistical planning, monitoring and Jail Standards
- Juvenile Court - statistical repository of petitions filed and dispositions
- Drug and Violent Crime - arrest and related information from grant funded task forces

**CJIS**

- NCJIS - As stated, this is a cooperative data access project with the Crime Commission and CJIS merely providing a technical platform for other agencies to share their operational level data with other criminal justice users in a secure, encrypted manner. These are not Crime Commission databases as the Commission does not originate, own, maintain or disseminate information relative to them outside of the scope of cooperative agreements and restrictions relative to the data. Currently available data includes data provided by the Nebraska State Patrol (criminal histories, sex offenders), Probation, Department of Correctional Services

NOTE: CJIS projects are undertaken to meet multiple needs including providing data to NCJIS as appropriate. As such the databases contained on NCJIS will grow. NSP currently shares a copy of criminal histories and sex offenders while Probation, Corrections and Parole similarly provide data access. A current local law enforcement

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automation project will provide a records management system to police and sheriffs that will also extract monthly statistical data and, if they so desire, data to NCJIS.

**NLETC**

- Officer Training - centralized data on the training received and certification of Nebraska law enforcement officers
- Instructor Certification - database on status and ability of certified, professional law enforcement instructors
- Class Activity - history of classes offered and student status

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<b>Agency</b>	<b>82 - Nebraska Commission for the Deaf &amp; Hard of Hearing</b>
<b>Agency IT Contact</b>	<b>Tanya D. Wendel (twendel@chdhh.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 666,971	<b>Agency FTE</b>	12
<b>IT Budget FY2001</b>	\$ 6,009	<b>Agency IT FTE</b>	0

**Agency Mission**

As a state agency, we work cooperatively with deaf and hard of hearing people and the public to promote an awareness of and to meet the identified needs of this population.

**Agency IT Staff**

The following positions are responsible for the operation of software programs, they include two Staff Assistant II's and an administrative assistant, but this is not their only function. IM Services-PC Lan technicians provide any hardware or configuration support, which is at an additional cost to the agency.

**Benefits of IT to the Agency**

- Reduction in the amount of long distance calls placed since we operate a program for scheduling interpreters.
- Assists with the researching and compiling of information.
- Quick access
- Ability to sort data and compile numerous reports.
- Saves on transportation expenses or commuting to a site since information can be shared electronically.
- Efficiency and time management-reduces paperwork.

**Technical Environment**

<b>Desktop Operating System</b>	<b>Users</b>	<b>Network</b>	<b>Users</b>	<b>E-Mail</b>	<b>Users</b>
Windows 3.1	0	Novell Netware	0	Lotus Notes	0
Windows 9x	12	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	0	Windows 9x Peer Networks	0	Internet (POP3)	12
Windows 2000	0	Windows NT	12	OfficeVision	1
OS/2	0	Windows 2000	0	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify: )	0				

**Major Applications and Databases**

In 1997, the agency purchased a software program designed for scheduling of sign language interpreters. The software considers the individual interpreter or consumer and situation criteria in filling requests and sends an alpha numeric page to the selected interpreters. It handles the scheduling, billing, time tracking and other statistical reporting and stores the data on interpreters.

Access 2000-the general purpose is to maintain our census, resource information and equipment/hearing aid bank loan programs.

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<b>Agency</b>	<b>83 - Nebraska Community College System</b>
<b>Agency IT Contact</b>	<b>Dennis Baack (dbaack@ncca.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 92,387,138	<b>Agency FTE</b>	-
<b>IT Budget FY2001</b>	\$ -	<b>Agency IT FTE</b>	-

<b>Agency Mission</b>
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The Nebraska Community College System's vision for two-year postsecondary education in the 21<sup>st</sup> Century encompasses the best of the past and present and a vision of the future, tempered with a commitment to accept change as a vision of the future, tempered with a commitment to accept change as an opportunity to improve services to Nebraska citizens. The Nebraska Community College System believes that education is an investment in human resources and is fundamental to the quality of life and the economic prosperity of the State of Nebraska. In the 21<sup>st</sup> Century, Nebraska's community colleges will:

- √ Embrace lifelong learning as student-centered learning communities
- √ Provide high quality programs and services based upon the needs of the local communities and the state, supported by state role and mission assignments
- √ Utilize the talents and expertise of outstanding faculty and staff and promote personal growth and development in their areas of expertise
- √ Remain accessible and affordable for a diverse student population
- √ Provide a safe, healthy learning environment that will provide opportunities for a successful college experience for all students
- √ Be leaders in the new age of information technology
- √ Remain funded by a partnership established with the local citizens, the State of Nebraska, and the students
- √ Remain locally governed

<b>Agency IT Staff</b>
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Nebraska Community College	Information Technology	Media Serv	Instructional Technology	Others
Central Community College	12	4	2	1
Metropolitan Community College	47 + 9 for Admin.	1	11	4
Mid-Plains Community College	9		1	
Northeast Community College	7	3		
Southeast Community College	10			
Western Nebraska Community College	9	1	1	

**Information Technology** includes MIS personnel computer lab monitors, computer help desk personnel, technical support and network, telephone personnel.

**Media Services** includes video personnel, camera technicians, AV repair and maintenance personnel  
**Instructional Technology** includes personnel devoted to training and aiding faculty in the delivery of courses via technologies include distance learning, online course development and faculty support personnel.

**Others** include personnel in that support related technologies such as management, secretarial, and clerical staff.

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**Benefits of IT to the Agency**

**Value of Technology – Tangible**

The improvements in information technology infrastructure have provided improved access to information, technology training, technical support and delivery of instruction to learners. As a system, the Nebraska Community Colleges continue to grow in enrollment when other state institutions are experiencing declines.

Automated library systems provided by some community colleges greatly enhance the ability of area residents to access needed materials within their communities.

Provide state of the art classrooms, labs, libraries and distance learning facilities across the State of Nebraska.

Integrated, administrative, application support systems are invaluable to the effective and efficient administration of Nebraska Community Colleges.

Remain accredited through North Central Accreditation and other national bodies that reflect the quality of programming offered by Nebraska Community Colleges.

**Intangible Value of Technology**

The quality of the workforce throughout Nebraska has improved due to the community colleges' efforts to employ technology in order to provide just-in-time training to business and industry as well as to keep students as updated to technology as possible.

Provide Nebraskans with current and expanding information technology training from the basic computer usage level to those which would lead to additional studies in a transfer institution.

More communities have access to quality, competitive education and training.

The establishment of fiber optic networks that merge voice, data, and video have improved in-class communication of ideas using multimedia technologies, and increased student fluency in information technology as well as permit the colleges to be connected to global resources.

Expanded and enhanced educational experiences to Nebraskans using distance learning technologies strengthen the economic base of the state.

**Technical Environment**

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1		Novell Netware		Lotus Notes	
Windows 9x		Windows for Workgroups		Microsoft Exchange	
Windows NT		Windows 9x Peer Networks		Internet (POP3)	
Windows 2000		Windows NT		OfficeVision	
OS/2		Windows 2000		Other (Specify: )	
Linux		OS/2 LAN Server and Warp Server			
Mac OS		Other -			
Other (Specify: )					



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<b>Major Applications and Databases</b>	
Central Community College	Unidata - College Accounting/student records, MS SQL-misc.
Metropolitan Community College	Windows NT Database is used for user management for network and e-mail access. Xpediter is used by the College's Public Safety Office to track reports. Blackbaud is used by the College's Foundation Office to track donations. Informix is used to run Colleague, the administrative software. The Informix also houses the Advance Library Database. SQL is used to run Resource 25 (scheduling software) and Maximizer Information Manager for WDI™. ESP is used to record Help Desk inquiries and assign tickets. WebCT is used to support web-based courses. NETg is used to support web-based courses. Smartforce is used to support web-based courses. Budget Database was developed using Access this year to assist the cost center managers in the budget process.
Mid-Plains Community College	SQL (Business Office and Student Records)
Northeast Community College	Inventory Database for tracking assets; computer inventory database for tracking computer equipment; software license database for tracking software purchased. SCT – financial, student, human resources databases. Budget database for budgeting process. ASI – security database. Best - Lock System database,
Southeast Community College	
Western Nebraska Community College	Microsoft Access – general desktop flat file databases Colleague Version 16 by Datatel UNIX Based RDMS
Central Community College	
Metropolitan Community College	U. S. Department of Education Electronic Data Exchange version 6.2 Nebraska State Student Loan Program Elite Norwest BankTIES PC Services, Version 2.6 Grant Administration and Payment System (GAPS), U.S. Department of Education SMARTLINK II, Department of Health and Human Services Fidelity Interchange Version 1.0A TIAA-CREF Contribution Reporting System Version 4.0 Global Retail PC Version 1.0.2W
Mid-Plains Community College	
Northeast Community College	Financial aid applications and corrections; Pell origination and payments – Department of Education; Commonline loans – Elite; Enrollment certification; Direct deposit – Clearinghouse; 1098T – IRS; W2-Federal; State Tax Information – State of Nebraska; TIAA/CREF.
Southeast Community College	
Western Nebraska Community College	

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<b>Agency</b>	<b>84 - Department of Environmental Quality</b>
<b>Agency IT Contact</b>	<b>Dennis Burling (deq082@mail.deq.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 57,524,196	<b>Agency FTE</b>	214
<b>IT Budget FY2001</b>	\$ 1,231,304	<b>Agency IT FTE</b>	12

**Agency Mission**

The mission of the Department is soundly based in Nebraska statutes which direct the agency to address contamination problems created in the past, assure that current activities are conducted in accordance with recognized principles of sound environmental management and enhance the environment of the future by grasping the opportunity for pollution prevention.

**Agency IT Staff**

Information Management staff consisting of  
1FTE - section management and planning  
3FTE - custom application development, maintenance, and support  
6FTE - infrastructure support, install new equipment, maintain existing equipment, some PC software support, training  
1FTE - GIS application development and support for the agency  
1FTE - data entry and section support activities

**Contractual services** are used as necessary to write programs based on the design specifications provided by Information Management staff working in conjunction with agency staff.

**Agency staff** - Staff assist each other with off-the-shelf software and work together to develop an understanding of these packages. Staff also assists with minor equipment problems and printer assistance. This support is estimated at 1 to 2 FTE of non-information technology staff time.

**Interns/Temporary staff** - These staff is expected to use agency technology and will share any knowledge of tools with other agency staff.

The agency has recently created a Records Center and as part of that group a records manager has been hired to manage the agency records. In addition an existing staff position has been tasked with the oversight of all facility information in our Integrated Information System. Both positions will work together to support our electronic and paper information in the agency.

Short term programming - There has been a need expressed for programming support for small or short term development of utility type applications. This will require either existing program staff or utilize contract-programming services.

Technology review and research - The TAG recognizes the need to spend time on review and research of new available technology. The agency must continue to plan for the future and so doing must also spend the time necessary to properly review and evaluate new technologies.

**Benefits of IT to the Agency**

In order to protect the air, water, and land of Nebraska, the agency has collected and continues to collect a vast amount of information. Technology assists agency staff in performing their duties regarding sound environmental management. The use of the technology, applications, and databases provides for the efficient use of resources to meet the objectives and goals of the agency.

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Technology review and research - In taking the time to properly review and research new technology, new equipment, new software, etc., the agency can continue to provide enhancements to the existing technology within the agency. As the agency reviews and implements new technology, we must consider the following items:

- How does the agency stay compatible with the technology/software utilized by our customers and partners?
- How does the agency implement new technology/software and remain consistent with the PC replacement schedule?
- When should the agency migrate to a new release of software?
- What drives the technology changes in the agency and how can we influence our customers for compatibility?
- The credibility of agency staff and the work they do is dependent upon the available tools and resources.

<b>Technical Environment</b>
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2 PC LAN servers; 2 AS/400; 2 AS/400 PC servers; 240 PCs; 23 Laptops; 17 Laser; 4 Inkjet; 1 plotter; 3 Scanners.

OS/2 LAN server software. Small Ethernet LAN in field offices as pilot.

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	10	Novell Netware	0	Lotus Notes	0
Windows 9x	240	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	1	Windows 9x Peer Networks	0	Internet (POP3)	14
Windows 2000	0	Windows NT	0	OfficeVision	210
OS/2	3	Windows 2000	0	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	250		
Mac OS	0	Other -	0		
Other (Specify: )	0				

<b>Major Applications and Databases</b>
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**Custom Off-the-shelf Applications On the AS/400**

- OV/400 (OfficeVision 400) - This package is our primary agency electronic mail system and also provides mail capabilities to the mainframe OfficeVision users. It also provides calendars and some word processing for staff.
- Group 1 Software (consisting of Code 1, Merge/Purge, & List Conversion) - This software has been and is being used in conjunction with the IIS to verify postal addresses and provide a control list for addresses and to merge our multiple program data bases for use in IIS.
- Business Directory - This is a data base consisting of Nebraska Businesses listed in the Yellow Pages. The agency purchased this data base as an authoritative source to initiate the Integrated Information System and provide a starting point for agency program facility verification.
- Postal Data base - This data base works in conjunction with the Integrated Information System to provide verification of addresses. It is our intent to start using delivery point bar codes to reduce postage costs.
- File Edit Utility - This is a utility package that allows Information Management staff to edit and correct large files on the AS/400.
- Lotus Notes – The agency will be installing this package to replace OV/400 in FY01.

**Custom Off-the-shelf Applications On the State Mainframe**

- OfficeVision - electronic mail and word processing
  - SAS - statistical package
  - ADMCHART - graphing and chart package
  - QMF(Query Management Facility) - query package for SQL
  - Dynaplan - spreadsheet package
  - VMSQL/Edit & VMSQL/Report - utility packages to work with SQL
  - Easytrieve - utility and report writing package
  - SQL(Structured Query Language) - VM database
  - DCF(Document Composition Facility) - word processing
- These are packages supported by IMS.

**Custom Off-the-shelf Applications On the EPA Mainframe**

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SAS - statistical package

**Custom Off-the-shelf Applications On the LAN or stand alone PCs**

The following software application packages are used as productivity tools within the agency to complete our work assignments. The agency has standardized on the Microsoft

Office Suite for our desktop PCs.

Microsoft office suite (2000, 97, Pro)

Microsoft Word - word processing

Microsoft Excel - spreadsheet

Microsoft Powerpoint - presentation package

Microsoft Access - data base package

Microsoft Explorer – web browser

Miscellaneous web utilities

Microsoft Project - project tracking

Visio - business graphics package

GSAS(Groundwater Statistical Analysis Software) - ground water statistics

PageMaker - desktop publishing

CorelDraw - graphics package

ArcView - a GIS visualization tool for analyzing spatial data

AutoCAD Lite - a low end CAD package

Surfer & Grapher - 3 dimensional contour packages

PC SAS - statistical package

Pfinder - GPS post processing

ProPlan - GPS mission planning

Pkzip - file compression utility

McAfee - virus protection

EQUIS – ground water database software

Photo editing software for digital cameras

Visual ModFlow – ground water modeling software

Visual Help – infiltration model

Microsoft Visual Basic – application development software

Lotus Notes – the client side of the Notes software

**Custom Applications On the AS/400**

Integrated Information System -The agency has developed an Integrated Information System (IIS) which is a centralized, shared data base containing descriptive and locational information for all facilities under the agency's jurisdiction. Historically plagued by fragmented agency data, we have emphasized the need for "holistic" management of the agency's facilities in this system. We have provided a unique identification number for each facility and then program staff have been correlating agency-wide program information for a given facility. The IIS will continue to expand as we move our program applications from the mainframe to the AS/400. In addition, facility data is being developed for use with the Geographic Information System (GIS) by obtaining locational coordinates with address matching and hand held Global Positioning System (GPS) units

Air - (a subset of IIS) - This portion of the IIS is to track detailed information for the Air Program of the agency. The main components of the system include compliance activity, emission inventory, and permitting activities. This system is also used by Lincoln/Lancaster County Health Department and the City of Omaha in support of their Air program activities. The agency also transmits this information to EPA's national system.

Document Tracking System - (a subset of IIS) - This application is to record the establishment and circulation of program files in the agency. All of the agency facility files will be labeled in a similar fashion and tracked within this system. We will utilize bar coding on the file labels to assist in the handling of these files.

Correspondence Tracking - This application is to track incoming correspondence requiring a response from the agency. Examples include correspondence received from the governor's office, complaints, and general informational inquiries.

RCRA Resource Conservation Recovery Act - (a subset of IIS, in design phase) - This portion of the IIS will be to track detailed Hazardous Waste program information for the agency. The main components of the system include compliance activity, wastes handled, and permits. The agency also transmits this information to EPA's national system.

SARA Title III - (a subset of IIS) - This portion of the IIS tracks detailed information for the

SARA Title III Program of the agency, which consists mainly of chemical storage in the state.

Event Tracking –(a subset of IIS) - This portion of the IIS tracks information regarding all program activities at facilities within the state.

Permit Tracking – (a subset of IIS, in design phase) - This portion of the IIS will track agency level permit information for all permitting programs.

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Remediation Tracking – (a subset of IIS, in design phase) – This portion of the IIS will track agency level remediation information.

Livestock – (a subset of IIS, in design phase) – This portion of the IIS will track information on compliance activity, animal units, control structures, and more detail livestock permit information.

Operator Certification– (in design phase) – migrating existing mainframe application to the AS/400.

Industrial/Municipal Classification – (in design phase) – migrating existing mainframe application to the AS/400

**Custom Applications On the State Mainframe**

401/404 Reviews - used to track water quality certification and dredge and fill permit reviews conducted by the agency

Operator Certification - used to track the certified operators of waste water treatment facilities and to issue certificates and certification cards (currently being redesigned and will be moved to the AS/400)

Industrial/Municipal Classification - used as assistance for the classification of industrial and municipal treatment facilities (currently being redesigned and will be moved to the AS/400)

Spill Tracking - To track Leaking Underground Storage Tanks (LUST) & surface spills to include compliance activities, spill types and amounts. To be included with IIS.

Title 200 - To track reimbursements for the LUST cleanups. This application uses existing information in the Spill Tracking application. To be included with IIS.

Chemigation - To track the land application of chemical types and amounts via irrigation

Chemical Applicators - To track the certified applicators for Chemigation including the testing process. This application is also used to produce cards for the applicators.

Air Monitoring Data - To track the ambient air monitoring data which is collected by the agency. This system is used to transmit information to EPA's national system.

Underground Injection - To track information regarding underground injection control wells and mineral exploration.

Community Needs - To track community needs for wastewater treatment facilities

Miscellaneous agency support applications - such as for time sheets, leave, employee information, budget, travel

LLRW tracking - To track comments and responses on the license application.

LLRW file tracking - To track and index the application review documentation.

NESHAPS - Track asbestos removals and demolition in the state.

**Custom Applications On the EPA Mainframe** - Some information on EPA's mainframe may be accessible via the EPA home page on the Internet.

Permits and Compliance System (PCS) - To track information regarding the National

Pollutant Discharge Elimination System activities to include facilities that discharge water pollutants, permit information, monitoring information and compliance activities. The agency does data entry on the state mainframe and then sends batch jobs to update the national system. To be included with IIS

Resource Conservation Recovery Information System (RCRIS) - To track hazardous waste facilities in the state including permit information, and compliance activities. The agency is currently developing these capabilities in the IIS for the hazardous waste program. Once developed, we will transmit the required information to the EPA system. Being developed in IIS.

Biennial Reporting System (BRS) - To track hazardous waste chemicals and the amounts by generator or treatment facility. The agency is currently developing these capabilities in the IIS for the hazardous waste program. Once developed, we will transmit the required information to the EPA system. Being developed in IIS.

Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) - To track information regarding Superfund sites and cleanup activities.

Aerometric Information and Retrieval System/Air Quality System (AIRS/AQS) - EPA system to track Air Monitoring Data. The state transmits information to this system electronically.

Aerometric Information and Retrieval system/Air Facility System (AIRS/AFS) - EPA system to track facilities for compliance, emission inventory, and permit activities. The state transmits information to this system electronically.

EPA provided modeling software - includes different programs that EPA has written to assist in permit reviews, assessments, and other work activities.

**Custom Applications On a PC**

State Revolving Fund (SRF) - To track loan information regarding the SRF program.

Septic tanks - Information on the septic tank plans and installations.

Miscellaneous EPA provided software

Mailing lists – Agency mailing lists

STorage and RETrieval (STORET) - To track Water Quality Data collected by the agency from the surface waters of the state. Data entry is on the state mainframe and then batch jobs are sent to update this system.

BIological System (BIOS) - To track information regarding the taxonomic sampling conducted by the agency. Data entry is on the state mainframe and then batch jobs are sent to update this system.

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<b>Agency</b>	<b>85 - Nebraska Public Employees Retirement Systems</b>
<b>Agency IT Contact</b>	<b>Steve Platt (splatt@ret.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 21,510,606	<b>Agency FTE</b>	46
<b>IT Budget FY2001</b>	\$ 4,319,496	<b>Agency IT FTE</b>	2

**Agency Mission**

The Nebraska Public Employees Retirement Systems recognizes the importance of a successful retirement and is dedicated to providing the highest quality service necessary to assist members in achieving this goal.

**Agency IT Staff**

Right now we have two individuals dedicated full-time to PC and network support for our agency. We just recently added the second individual after she completed the technology training course (6 months) offered through the State. She was an existing employee who displayed the aptitude for this type of work and has therefore been given the opportunity to continue her training in our office under the direction of our primary Infrastructure Support Analyst. As our organization's technology efforts unfold we will be developing a support network both in-house and with IMS. Our plan is to maintain and support our new systems rather than contract with a vendor for this work. (See Technology Plan dated January 2000 for details.)

**Benefits of IT to the Agency**

Please refer to the details of our Strategic Business Technology Plan of January 2000 on the benefits we expect to realize from our investment in technology. We have spent considerable time analyzing our current workload, our expected workload in the future and the related service levels to our members. (A electronic copy of our plan is posted on our Web site.)

**Technical Environment**

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	0	Novell Netware	0	Lotus Notes	0
Windows 9x	25	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	7	Windows 9x Peer Networks	45	Internet (POP3)	44
Windows 2000	10	Windows NT	10	OfficeVision	10
OS/2	0	Windows 2000	0	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify: )	0				

**Major Applications and Databases**

- Databases downloaded from State Mainframe
- Active and Inactive members for School, Patrol, Judges

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- Retired members for School, Patrol, Judges
- State employees in Retirement from NEIS
- Data sent to Actuary
- Databases downloaded from Ameritas Mainframe
- County employees in Retirement from Ameritas
- Multiple PC Databases and spreadsheets maintained in house
- List of members scheduled to receive a refund of their account
- Data is uploaded to the State mainframe monthly to be verified
- List of members applying for retirement benefits
- Members registered for seminars

The system we use for School, Patrol, Judges is custom written on the State Mainframe.

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<b>Agency</b>	<b>87 - Accountability and Disclosure</b>
<b>Agency IT Contact</b>	<b>Frank Daley</b>

<b>Agency Budget FY2001</b>	\$ 783,180	<b>Agency FTE</b>	8
<b>IT Budget FY2001</b>	\$ 36,200	<b>Agency IT FTE</b>	0

**Agency Mission**

The Commission administers and enforces the Nebraska Political Accountability and Disclosure Act (NPADA) and the Campaign Finance Limitation Act (CFLA).

The NPADA regulates campaign financing, lobbying activity, and conflicts of interest. The campaign finance laws require campaign committees and other entities to disclose the sources and amounts of political contributions and information regarding political expenditures. The Commission is required to ensure that this information is filed and make it available to the public.

**Agency IT Staff**

The Commission has no IT staff.

**Benefits of IT to the Agency**

Information on candidates and committees is more readily available to the public. The distance from Lincoln has much less significance.

**Technical Environment**

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	0	Novell Netware	0	Lotus Notes	0
Windows 9x	5	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	2	Windows 9x Peer Networks	0	Internet (POP3)	8
Windows 2000	2	Windows NT	2	OfficeVision	0
OS/2	0	Windows 2000	2	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	7		
Other (Specify: )	0				

**Major Applications and Databases**

Comprehensive Accountability and Disclosure Application  
 Candidate Electronic Filing Application

Microsoft Access-Tracking of all late filing fees from assessment date to resolved date.  
 Comprehensive Accountability and Disclosure Application-Searchable data base which allows the public to access campaign finance information. It also facilitates the audit and review of campaign filings by the Commission staff.



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<b>Agency</b>	<b>88 - Corn Board</b>
<b>Agency IT Contact</b>	<b>Judy Peterson (peterson@nrcdec.nrc.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 4,126,690	<b>Agency FTE</b>	6.4
<b>IT Budget FY2001</b>	\$ -	<b>Agency IT FTE</b>	0

**Agency Mission**

The Board's mission is that "the equivalent of 100 percent of the corn produced in Nebraska will be processed (including through livestock) or exported as a value-added product. Ideally, a net bushel of corn will never leave Nebraska in its raw form."

**Agency IT Staff**

None.

**Benefits of IT to the Agency**

Networking capabilities have enabled staff to share files and printers, which speeds up processing of reports and correspondence. It has also enabled us to receive data from others and transmit back in a much more timely and efficient manner.

**Technical Environment**

<b>Desktop Operating System</b>	<b>Users</b>	<b>Network</b>	<b>Users</b>	<b>E-Mail</b>	<b>Users</b>
Windows 3.1	0	Novell Netware	0	Lotus Notes	0
Windows 9x	1	Windows for Workgroups	1	Microsoft Exchange	0
Windows NT	6	Windows 9x Peer Networks	0	Internet (POP3)	NRD
Windows 2000	0	Windows NT	6	OfficeVision	0
OS/2	0	Windows 2000	0	Other (Specify: Outlook )	NRD
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other - Local network for artists' networks	0		
Other (Specify: )	0				

**Major Applications and Databases**

Trade team contacts, elevators, feed lots, mailing lists

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<b>Agency</b>	<b>92 - Nebraska Grain Sorghum Board</b>
<b>Agency IT Contact</b>	<b>Barbara Kliment (Bkliment@nrcdec.nrc.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 810,746	<b>Agency FTE</b>	2.3
<b>IT Budget FY2001</b>	\$ -	<b>Agency IT FTE</b>	0

**Agency Mission**

The Nebraska Grain Sorghum Board, as outlined in Nebraska Revised Statutes §§2-4001 to 2-4020, is charged with the responsibility to develop, carry out, and participate in programs of research, education, market development, and promotion aimed at enhancing the profit potential and economic well-being of sorghum producers.

**Agency IT Staff**

The Grain Sorghum Board consists of an Executive Director and Administrative Assistant who support/manage the current information technology plan. Internet access is hosted/managed by the Dept of Natural Resources and Economic Development. The agency does not employ a specific IT staff person.

**Benefits of IT to the Agency**

The tangible benefits of the Board's investment in information technology include the ability to print more professional correspondence on a color printer and the ability to generate professional documents, letters, etc. on the PCs.

Intangible benefits include a professional image of the Board through attractive correspondence and efficiency in preparing those documents.

**Technical Environment**

<b>Desktop Operating System</b>	<b>Users</b>	<b>Network</b>	<b>Users</b>	<b>E-Mail</b>	<b>Users</b>
Windows 3.1	2	Novell Netware	0	Lotus Notes	0
Windows 9x	0	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	0	Windows 9x Peer Networks	0	Internet (POP3)	0
Windows 2000	0	Windows NT	0	OfficeVision	0
OS/2	0	Windows 2000	0	Other (Specify: Endora Light )	
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other - Windows Peer to Peer	2		
Other (Specify:)	0				

**Major Applications and Databases**

Microsoft Access for membership names and addresses for general mailing purposes.

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<b>Agency</b>	<b>93 - Tax Equalization and Review Commission</b>
<b>Agency IT Contact</b>	<b>Mark Reynolds</b>

<b>Agency Budget FY2001</b>	\$ 586,752	<b>Agency FTE</b>	8
<b>IT Budget FY2001</b>	\$ -	<b>Agency IT FTE</b>	0

**Agency Mission**

The Commission's ultimate goal is the fair and equitable valuation of all property subject to taxation in the state. This goal can best be accomplished through improvements in the quality of appraisal practices, both at the state and county level. Appraisal practices (although not an exact science) are analyzed through the use of statistical measures of central tendency. The Commission's goal, therefore, will be accomplished through (1) the adoption of a formal plan of equalization which is updated annually; (2) the adoption of appropriate appraisal standards for progressive implementation; (3) the monitoring of that progress through analysis of statistical measures of central tendency, ratio studies, and any other appropriate information; and (4) assistance and if necessary, corrective action, to insure compliance and progressive improvement.

The Commission should always be mindful of the fact these appraisal practices, and any changes to them, directly impact property owners. It is essential, therefore, that these property owners be treated respectfully and fairly proceed in a fashion that is easily understood by the general public.

**Agency IT Staff**

The Commission has no permanent staff member whose sole responsibility is to support the items listed in this section. The Commission relies on the Chairman and Staff Attorney for basic support. The Commission contracts with an independent computer technician to address technology issues that the Commission staff is unable to handle on their own.

**Benefits of IT to the Agency**

The Commission cannot function without word processing applications since, by statute, the Commission is required to issue Findings of Fact and Conclusions of Law for every order it issues which is adverse to a party's interest. (Neb. Rev. Stat. '77-5018)

Similarly, the Commission cannot function without a case tracking program. The Commission must issue summons, notice of hearings, schedule cases, schedule hearing rooms in the counties, etc. The Commission cannot manage its caseload without a docket management application.

Finally, the Commission cannot manage the information necessary pursuant to its constitutional and statutory duties without a spreadsheet application similar to Quattro Pro. Furthermore, since the Commission must hold hearings in the field, that is outside of its Lincoln offices, the applications must be laptop based in order to allow the Commissioners access to the information during hearings and the decision making process.

**Technical Environment**

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1		Novell Netware	8	Lotus Notes	
Windows 9x	9	Windows for Workgroups		Microsoft Exchange	
Windows NT		Windows 9x Peer Networks		Internet (POP3)	2
Windows 2000		Windows NT		OfficeVision	3
OS/2		Windows 2000		Other (Specify: )	
Linux		OS/2 LAN Server and Warp Server			

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Mac OS		Other -	
Other (Specify: )			

**Major Applications and Databases**

The Commission has developed a database for tracking case files.

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<b>Agency</b>	<b>94 - Nebraska Commission on Public Advocacy</b>
<b>Agency IT Contact</b>	<b>James R. Mowbray (jmowbray@ncpa.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 1,425,978	<b>Agency FTE</b>	7
<b>IT Budget FY2001</b>	\$ 13,847	<b>Agency IT FTE</b>	-

**Agency Mission**

The Nebraska Commission on Public Advocacy's mission is to provide indigent citizens of the state of Nebraska with effective representation when charged with murder and possibly facing the death penalty, an at the same time, provide county taxpayers with property tax relief by using tax dollars to pay for the majority of the costs of such representation.

**Agency IT Staff**

Chief Counsel/Director

**Technical Environment**

<b>Desktop Operating System</b>	<b>Users</b>	<b>Network</b>	<b>Users</b>	<b>E-Mail</b>	<b>Users</b>
Windows 3.1	0	Novell Netware	25	Lotus Notes	0
Windows 9x	10	Windows for Workgroups	0	Microsoft Exchange	0
Windows NT	0	Windows 9x Peer Networks	0	Internet (POP3)	10
Windows 2000	0	Windows NT	0	OfficeVision	0
OS/2	0	Windows 2000	0	Other (Specify: Group Wise)	25
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify: )	0				

**Major Applications and Databases**

None.

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<b>Agency</b>	<b>95 - Nebraska Rural Development Commission</b>
<b>Agency IT Contact</b>	<b>Douglas Gibbs (gibbsd@mail.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 500,792	<b>Agency FTE</b>	6
<b>IT Budget FY2001</b>	\$ -	<b>Agency IT FTE</b>	0

**Agency Mission**

The mission and purpose of the Nebraska Rural Development Commission is to advocate and recommend programs that encourage regional cooperation and foster sustainable community and economic development initiatives in rural Nebraska. These initiatives should enable Nebraska's rural communities to realize their own goals, thereby contributing to the growth and well-being of the entire state. The Commission is to focus attention on the opportunities and needs of rural Nebraska by advocating for rural Nebraska and as an advisory body to the Governor, Legislature and other state agencies. In addition, the Commission is to serve as an information clearinghouse on rural challenges and needs, development services, model practices, available resources and service providers. The Commission also serves as Nebraska's member of the National Rural Development Partnership and as a member of the Partnership for Rural Nebraska. The mission and purpose of the Rural Development Commission should remain unchanged for the next five years. The Commission also administers the Nebraska Development Network Program and the Community Builders program.

**Agency IT Staff**

Deputy Director; Administrative Assistant; Office Assistant

**Benefits of IT to the Agency**

It is the Commission's belief that the sustainability and perhaps survival of Nebraska's rural communities depends on the ability to utilize information technology. The Commission is trying to set an example of how technology can be utilized to enhance the working environment. The use of laptops is an example of how Commission staff takes its work "on the road" and demonstrates that through the use of information technology even remote rural communities can be connect to the global marketplace.

In addition, through the upgrades in both hardware and software, Commission staff has improved overall efficiency and productivity.

**Technical Environment**

<b>Desktop Operating System</b>	<b>Users</b>	<b>Network</b>	<b>Users</b>	<b>E-Mail</b>	<b>Users</b>
Windows 3.1	0	Novell Netware		Lotus Notes	0
Windows 9x	4	Windows for Workgroups		Microsoft Exchange	0
Windows NT	0	Windows 9x Peer Networks		Internet (POP3)	6
Windows 2000	2	Windows NT		OfficeVision	0
OS/2	0	Windows 2000		Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server			
Mac OS	0	Other -			
Other (Specify: )	0				

**Major Applications and Databases**

Microsoft Access: Used for newsletter mailing list (approx: 6800 entries), a number of sub-lists from main database used for meetings, other publications, etc.

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<b>Agency</b>	<b>96 - Dept. of Property Assessment and Taxation</b>
<b>Agency IT Contact</b>	<b>Catherine D. Lang ( Cdlang@pat.state.ne.us)</b>

<b>Agency Budget FY2001</b>	\$ 30,007,391	<b>Agency FTE</b>	90
<b>IT Budget FY2001</b>	\$ 446,400	<b>Agency IT FTE</b>	-

**Agency Mission**

The purpose of the Nebraska Department of Property Assessment and Taxation<sup>1</sup> is to develop information, in various formats, that assists the administrators, payers and beneficiaries of the property taxes to make informed decisions concerning the quality of the assessment function of the property tax system in Nebraska. Beginning on July 1, 1998, the Department assumed the assessment function in several counties in Nebraska.

**Agency IT Staff**

Dave Schneider - contract FoxPro. Glen Rosenthal and Kimberly Bunch

**Benefits of IT to the Agency**

1. Communication
2. Information Storage, retrieval, sharing across the state.

**Technical Environment**

Desktop Operating System	Users	Network	Users	E-Mail	Users
Windows 3.1	0	Novell Netware	0	Lotus Notes	0
Windows 9x	0	Windows for Workgroups	0	Microsoft Exchange	88
Windows NT	86	Windows 9x Peer Networks	0	Internet (POP3)	0
Windows 2000	0	Windows NT	28-Ethernet 58 Token Ring	OfficeVision	0
OS/2	0	Windows 2000	0	Other (Specify: )	0
Linux	0	OS/2 LAN Server and Warp Server	0		
Mac OS	0	Other -	0		
Other (Specify: )	0				

**Major Applications and Databases**

Sales File in Fox Pro and ASI

ASI, Sales File, CTL and Access.