

AGENDA
TECHNICAL PANEL
Varner Hall - Board Room
3835 Holdrege Street
Lincoln, Nebraska
Tuesday, April 12, 2022
9:00 a.m. CT

- I. ROLL CALL; MEETING NOTICE; OPEN MEETINGS ACT INFORMATION
- II. PUBLIC COMMENT
- III. APPROVAL OF DECEMBER 14, 2021, MEETING MINUTES (*Attachment III*) ***
- IV. REGULAR BUSINESS
 - A. PROJECTS
 - 1. Enterprise project status dashboard report. Andy Weekly. (*Attachment IV-A-1*)
 - 2. Recommend closure of the Centrex Replacement project as an enterprise project. ***
 - B. TECHNICAL STANDARDS AND GUIDELINES
 - 1. Proposal 24. Revise the agency information technology plan form. [Motion to recommend approval.] (*Attachment IV-B-1*) ***
 - 2. Proposal 25. Amend provisions of the Information Security Policy. [Motion to post for 30-day comment period.] (*Attachment IV-B-2*) ***
- V. OTHER BUSINESS
- VI. ADJOURN

*** Action item.

The Technical Panel will attempt to adhere to the sequence of the published agenda but reserves the right to adjust the order and timing of items and may elect to take action on any of the items listed. If you need interpreter services or other reasonable accommodations, please contact the Technical Panel at 402-471-3560 at least five days prior to the meeting to coordinate arrangements.

Meeting notice was posted to the [NITC website](#) and the [Nebraska Public Meeting Calendar](#) on April 6, 2022. The agenda was posted to the NITC website on April 8, 2022.

[Nebraska Open Meetings Act](#) | [Technical Panel Meeting Documents](#)

Attachment III

TECHNICAL PANEL
Varner Hall - Board Room
3835 Holdrege Street, Lincoln, Nebraska
Tuesday, December 14, 2021, 9:00 a.m. CT
MINUTES

MEMBERS PRESENT:

Kirk Langer, Chair, Lincoln Public Schools
Ed Toner, Chief Information Officer, State of Nebraska
Ling Ling Sun, Nebraska Educational Telecommunications
Jeremy Sydik, University of Nebraska

MEMBERS ABSENT: Bret Blackman, University of Nebraska, ITS

ROLL CALL; MEETING NOTICE; OPEN MEETINGS ACT INFORMATION

Mr. Langer called the meeting to order at 9:04 a.m. Roll call was taken. A quorum was present. Meeting notice was posted to the NITC website and the Nebraska Public Meeting Calendar on November 23, 2021. The agenda was posted to the NITC website on December 10, 2021. The Open Meetings Act was posted on the south wall of the meeting room, and a link to the act was included with the agenda.

PUBLIC COMMENT

There was no public comment.

APPROVAL OF OCTOBER 26, 2021 MEETING MINUTES

Ms. Sun moved to approve the October 26, 2021 meeting minutes as presented. Mr. Sydik seconded. Roll call vote: Toner-Yes, Sydik-Yes, Langer-Yes, and Sun-Yes. Results: Yes-4, No-0, Abstained-0. Motion carried.

REGULAR BUSINESS

PROJECTS

Recommendations on project proposals submitted with the 2022 mid-biennium budget adjustments.

33-01, Game and Parks Commission, Web-based Permit/Licensing System.

Mr. Langer led a discussion about the project.

The panel's standard review questions are: (1) Does the project: (a) create efficiencies and/or (b) reduce or eliminate risks?; (2) Is the proposed technology appropriate for the project?; and (3) Can the technical elements be accomplished within the proposed timeframe and budget?

In addition, the panel recommends project prioritization using the commission's tier system with the following categories:

- Mandate. Required by law, regulation, or other authority.
- Tier 1. Highly Recommended. Mission critical project for the agency or the state.
- Tier 2. Recommended. Project with high strategic importance for the agency or the state.
- Tier 3. Other. Project with strategic importance for the agency or the state; but, in general, has an overall lower priority than the Tier 1 and Tier 2 projects.
- Insufficient Information. Insufficient information to make a recommendation.

Mr. Toner moved to provide the following comments and recommendations on Project 33-01: (1) answer “yes” to questions 1-3, and (2) recommend the project be prioritized as a Tier 2 project. Mr. Langer seconded. Roll call vote: Langer-Yes, Sun-Yes, Sydik-Yes, and Toner-Yes. Results: Yes-4, No-0, Abstained-0. Motion carried.

The Office of the CIO will submit the review materials to the State Budget Division and Legislative Fiscal Office.

Enterprise project status dashboard report.

Andy Weekly, OCIO Project Manager

Mr. Weekly provided an update on the status of the enterprise projects.

TECHNICAL STANDARDS AND GUIDELINES

Proposal 21. Amend the web domain name standard.

Proposal 22. Amend access control provisions of the Information Security Policy

Proposal 23. Adopt a new section relating to Internet of Things devices.

Proposals 21, 22, and 23 were posted for the 30-day public comment period. No comments were received.

Ms. Sun moved to recommend approval of Proposals 21, 22, and 23. Mr. Sydik seconded. Roll call vote: Sydik-Yes, Langer-Yes, Sun-Yes and Toner-Yes. Results: Yes-4, No-0, Abstained-0. Motion carried.

ELECTION OF TECHNICAL PANEL CHAIRPERSON FOR 2022

Ms. Sun nominated Kirk Langer to continue to serve as the Technical Panel Chair for 2022. There were no other nominations. By acclamation, Kirk Langer was elected as Chair.

OTHER BUSINESS

There was no other business.

ADJOURN

With no further business and without objection, Mr. Langer adjourned the meeting.

The meeting was adjourned at 9:40 a.m.

Attachment IV-A-1

Projects Status Dashboard









April 2022

Enterprise Projects - Current

Agency/Entity	Project	NITC Designated
Nebraska Council of Regions	Nebraska Regional Interoperability Network	03/15/2010
Office of the CIO	Centrex Replacement	07/12/2018
Department of Health and Human Services	iServe Nebraska	11/12/2020
Department of Transportation	Financial Systems Modernization Project	07/08/2021
Nebraska Public Employees Retirement Systems	OPS Retirement Plan Management Transfer	11/04/2021

Note: Status is self-reported by the agency

Project Storyboard: Nebraska Regional Interoperability Network (NRIN)

Project Manager	Krogman, Sue	Status Report Date	4/11/22	Project Dates			Status Report Indicators		
Project Type	Major Project	Status	Approved		Start	Finish	Overall		
Stage	Build	Progress	Started	Plan	10/1/10	8/31/23	Schedule		
Total Estimated Cost	\$12,500,000.00	Estimate to Complete	83.24%	Baseline	10/1/10	8/31/23	Scope		
Actual Cost To Date	\$10,405,204.00			Days Late	0	0	Cost and Effort		
Project Description				Key Accomplishments					
The Nebraska Regional Interoperability Network (NRIN) is a project that will connect a majority of the Public Safety Access Points (PSAP) across the State by means of a point to point microwave system. The network will be a true, secure means of transferring data, video and voice. Speed and stability are major expectations; therefore there is a required redundant technology base of no less than 100 mbps with 99.999% availability for each site. It is hoped that the network will be used as the main transfer mechanism for currently in-place items, thus imposing a cost-saving to local government. All equipment purchased for this project is compatible with the networking equipment of the OCIO.				Approval for the Richardson County tower was finalized and work will now start on hanging approved equipment.					
Status Report Update				Upcoming Activities					
UPDATE FOR MARCH 2022 – Weather has stopped quite a bit of the build-out. Extreme winds have grounded all tower climbers. In lieu of that, the plan for construction and installation will still move forward with a new tower being built in the NC Region between O'Neill and Taylor. Installation will continue down the eastern side of the state particularly in the NE Region and along the Missouri River.									
UPDATE FOR JANUARY 2022 – We are currently working on updating the equipment at the current sites and purchasing new equipment for all of the sites that need to be finished. During this process the NRIN Governance Board has put out an RFP (that ends on Monday, January 31, 2022) – this RFP is for a contractor to monitor the network for outages, shortages and down paths. The focus this last month has been purchasing the equipment and getting all of the pre-work done. No installations have happened, however, finalization is being done on the fiber shot from Center to Hartington.									
Issues by Priority		Risks by Priority		Current Issues					
<div></div>		<div></div>		No matching records were found					







Project Storyboard: Centrex Replacement

Project Manager		Weekly, Andy	Status Report Date	1/5/22	Project Dates			Status Report Indicators		
Project Type			Status	Approved		Start	Finish	Overall	<div></div>	<div></div>
Stage		Launch	Progress	Completed	Plan	10/10/17	12/31/22	Schedule	<div></div>	<div></div>
Total Estimated Cost		\$2,800,000.00	Estimate to Complete	100%	Baseline	10/10/17	12/31/22	Scope	<div></div>	<div></div>
Actual Cost To Date		\$933,481.12			Days Late	0	0	Cost and Effort	<div></div>	<div></div>
Project Description					Key Accomplishments					
To secure the most cost efficient Hosted Voice Over Internet Protocol Telephony (VOIP) Services. This solution will replace the State’s Centrex service throughout the State of Nebraska. The purpose of the project is to provide phone service that includes the most up-to-date VOIP features and functionality as a hosted service with equipment ownership, maintenance and service remaining with the Contractor.					Between December 3 and January 4, here is the progress; Ported 113 numbers Ported and Reserved 459 numbers Ported 88 Soft Phones Disconnected 5 Windstream numbers Disconnected 1 CenturyLink/Lumens numbers					
Status Report Update					Upcoming Activities					
It was a busy month for Allo and the OCIO Voice Team. The numbers as of January 4... 10,546 lines have been removed from Windstream and CenturyLink (Lumens). 666 lines in the month of December! Ported 113 numbers Port and Reserve 459 numbers Ported 88 Soft Phones Disconnected 5 Windstream numbers Disconnected 1 CenturyLink/Lumens numbers 10,000 lines were in the RFP to be taken off of the Centrex contracts from Windstream and CenturyLink territory. We have surpassed those numbers on this project. In parallel with this project, over 1000 softphones have been deployed using the same resources assigned to this project.					I recommend closing the project for Enterprise Reporting and begin the clean-up efforts.					
Issues by Priority		Risks by Priority		Current Issues						
<div></div>		<div></div>		No matching records were found						









Project Storyboard: iServe Nebraska

Project Manager		Agarwal, Ankush		Status Report Date		3/24/22		Project Dates			Status Report Indicators								
Project Type		Major Project		Status		Approved		<div>Start</div> <div>Finish</div>			Overall			<div></div>	<div></div>				
Stage		Design		Progress		Started		Plan			4/6/20			12/30/22			Schedule	<div></div>	<div></div>
Total Estimated Cost		\$33,524,476.00		Estimate to Complete		30.18%		Baseline			4/6/20			4/30/22			Scope	<div></div>	<div></div>
Actual Cost To Date		\$10,117,688.00						Days Late			244			244			Cost and Effort	<div></div>	<div></div>
Project Description								Key Accomplishments											
<p>The Nebraska Department of Health and Human Services (DHHS) has embarked on the iServe Nebraska Program to improve access, outcomes, cost, accountability and quality of DHHS services through an integrated, consumer-centric model of practice, across all programs. DHHS intends the iServe Nebraska Program to be adaptive and incrementally deliver new business capabilities, enabling the state to move from a siloed and program-based business model, to an integrated service delivery model that is family and person-centered, focused on improving the overall health and well-being of all family members.</p>								<p>Work Order 3 (Core Portal Development) is in progress; behind schedule. Work Order 4 (Identity and Access Management) is complete. Program Increment 4 is complete. Continued User Acceptance Testing (UAT). Completed Automated Language Translation. Commenced Human Language Translation verification. Completed Third Party Security Assessment Report (SAR). Completed Third Party Penetration Test Phase 1. Completed CMS Operational Readiness Review (ORR). Conducted multiple portal demonstrations for the Governor and Community Partners.</p>											
Status Report Update								Upcoming Activities											
<p>Work Orders 1, 2 and 4 are complete. Work Order 3 activities are behind schedule.</p>								<p>Complete UAT for Soft Launches 1 and 2. Complete iServe Portal MVP Development and UAT. Conduct Third Party Penetration Test Phases 2 and 3. Closeout any follow-ups from CMS ORR. Submit State Plan Amendment (SPA) to CMS. Complete / Submit FNS Concurrence documentation. Conduct training of Internal and External Stakeholders. Complete Human Language Translation verification. Press Release for iServe Portal soft launches 1 and 2. Constant communication for upcoming soft launches to all stakeholders. Complete Access Nebraska Account Migration.</p>											
Issues by Priority				Risks by Priority				Current Issues											
<div></div>				<div></div>				<div>No matching records were found</div>											

Project Storyboard: NDOT Financial System Modernization

Project Manager		Lusero, Cody	Status Report Date	4/1/22	Project Dates			Status Report Indicators		
Project Type		Major Project	Status	Approved		Start	Finish	Overall		
Stage		Design	Progress	Started	Plan	4/11/22	6/28/24	Schedule		
Total Estimated Cost		\$5,945,871.00	Estimate to Complete		Baseline	4/11/22	6/28/24	Scope		
Actual Cost To Date					Days Late	0	0	Cost and Effort		
Project Description					Key Accomplishments					
NDOT Financial System Modernization					To-be process documents completed and reviewed with DAS / OCIO. Requirements Matrices completed and sent to DAS / OCIO for review. Phase 1 Work Plan completed (April to December 2022).					
Status Report Update					Upcoming Activities					
Pre-Implementation is coming to an end this month and the project will officially kick off. We have been working with OCIO and DAS resources to identify key resources for the first phase of the project which will include moving General Ledger and Journal Entry / Voucher functionality to the E1 system. We have created a Phase 1 Work Plan and have project kick-off meetings scheduled the week of April 18th. We have also created a Project Governance Team which will help oversee the project and be tasked with making key decisions on direction.					Project kick-off and system architecture meetings week of April 18th.					
Issues by Priority		Risks by Priority		Current Issues						
<div></div>		<div></div>		No matching records were found						

Project Storyboard: OPS Retirement Plan Management Transfer

Project Manager		Hardy, Jack	Status Report Date	4/7/22	Project Dates			Status Report Indicators		
Project Type		Major Project	Status	Approved		Start	Finish	Overall		
Stage		Requirements	Progress	Started	Plan	10/1/21	8/31/24	Schedule		
Total Estimated Cost		\$4,200,000.00	Estimate to Complete		Baseline	10/1/21	8/31/24	Scope		
Actual Cost To Date					Days Late	0	0	Cost and Effort		
Project Description					Key Accomplishments					
NPERS OPS (Omaha Public School) project - data and document migration from the OPS environment to NPRIS and OnBase.					Hired a project manager					
Status Report Update					Upcoming Activities					
<p>The status of the OPS Management Transfer project:</p> <p>1) We interviewed project managers last week and made an offer to our top candidate on Tuesday and he accepted the position. His name is Jaydeep Deshpande and he will be starting on April 25.</p> <p>2) Data migration planning is ongoing and we have started receiving the data we have requested from OPS. That is mainly database structures, record counts, and their input on what needs to be converted.</p> <p>3) RFP requirements development ongoing:</p> <p>a. Received an updated version of the draft RFP requirements on March 31</p> <p>b. We will continue to work on improvements to the requirements up to the RFP publication date.</p> <p>c. Setting up workshops with OPS teams to focus on specific requirements areas</p> <p>4) Procurement Timeline</p> <p>a. RFP publication target date is June 13</p> <p>b. Proposals due July 26</p> <p>c. Vendor interviews in September</p> <p>d. BAFO target is October 17</p> <p>5) Concerns:</p> <p>a. Pete Kroll from DAS procurement has said they would like 90 days to review all of the material, but they would do the best they can to meet our timelines</p> <p>6) What review of the RFP will be needed by the OCIO?</p> <p>a. What can I do now to ensure that goes smoothly?</p>										
Issues by Priority		Risks by Priority		Current Issues						
<div></div>		<div></div>		No matching records were found						

Attachment IV-B-1

**State of Nebraska
Nebraska Information Technology Commission
Technical Standards and Guidelines**

Proposal 24

A PROPOSAL to revise the agency information technology plan form.

Section 1. The form referenced in section 1-201 is revised as follows:

Nebraska Information Technology Commission
and the
Office of the Chief Information Officer

Agency Information Technology Plan

Due: September 15, ~~2020~~2022

Notes about this form:

1. **REQUIREMENT.** Neb. Rev. Stat. § 86-524.01 provides: “On or before September 15 of each even-numbered year, all state agencies, boards, and commissions shall report to the Chief Information Officer, in a format determined by the commission, an information technology plan that includes an accounting of all technology assets, including planned acquisitions and upgrades.” ~~(NEB. REV. STAT. § 86-524.01)~~. This document is the approved format for information technology plans. This form should be treated as if it is a public record. Do not include information that would compromise information technology security.
2. **DEADLINE.** The information technology plan is due on September 15, ~~2020~~2022.
3. **SUBMITTING THE FORM.** The form must be submitted online at <https://cioapps.nebraska.gov/ITPlan>.
4. **QUESTIONS.** Contact the OCIO Service Desk at (402) 471-4636.

1. Current Assets

1.1 Hardware

(Code agencies are not required to complete this subsection.)

Complete the following table. For “current” devices, enter the total number of each item currently owned/leased by the agency. For “planned” devices, enter an estimated number of each item at the end of the biennium on June 30, ~~2023~~2025.

	Current	Planned
Physical Servers		
- Linux/Unix		
- Microsoft		
- Other		
Virtual Servers		
- Hyper-V		
- VMware		
- Other		
Desktops		
- Apple		
- Linux/Unix		
- Microsoft Windows		
Laptops		
- Apple		
- Google Chromebook		
- Microsoft Windows		
Thin Clients		
Virtual Desktop Infrastructure		
Tablets		
- Android		
- Apple		
- Microsoft Windows		
Smart Phones		
- Android		
- Apple		

What is your agency's current hardware refresh plan?

Narrative:

1.2 Software

1.2.1 Commercial Off-the-Shelf Software

(Code agencies are not required to complete this subsection.)

Provide an estimated number of users/licenses for each of the following:

	Estimated Number of Users/Licenses	Version(s)
Applications Development Tools		
IBM Rational Application Developer		
Lotus Notes		
Micro Focus COBOL		
Microsoft Visual Studio		
Other (Specify)		
Assistive Technology Software		
Dragon		
JAWS		
Kurzweil		
NVDA		
ZoomText		
Other (Specify)		
Business Analytics		
IBM Cognos		
Microsoft Power BI		
MicroStrategy		
OBIEE		
SAP Crystal Reports		
Snowflake		
Tableau		
Other (Specify)		
Database Management (DBMS)		
AS/400		
IBM		
Microsoft SQL		
Oracle		
Other (Specify)		
Endpoint Protection		
FireEye		
Malwarebytes		
McAfee		
Microsoft Endpoint Configuration		
ManagerSystem Center Endpoint Protection		
Norton		
Sophos		
Symantec		
Other (Specify)		
Instant Messaging		
Cisco WebEx TeamsWebex		
Microsoft Teams		
Skype for BusinessZoom		
Other (Specify)		
IT Service Management Suite		
iSupport		
Microsoft Service Manager		
Remedy		
ServiceNow		
Track-It		
Other (Specify)		
Productivity Suite		

Microsoft Office		
Other (Specify)		
Web Conferencing		
Adobe Connect		
Cisco WebEx Meeting Webex		
Microsoft Teams		
Skype for Business		
Zoom		
Other (Specify)		

1.2.2 Other Commercial Off-the-Shelf Software

(Code agencies are not required to complete this subsection.)

List other significant commercial off-the-shelf software used by the agency:

Software Title	Vendor	Estimated Number of Users/Licenses	Version(s)

1.2.3 Software as a Service (SaaS)

List software that is licensed on a subscription basis by the agency that is delivered over the Internet (sometimes called web-based software; on-demand software; or, hosted software):

Software Title	Vendor	Estimated Number of Users/Licenses	Short Description

1.2.4 Custom Applications

(Code agencies are not required to complete this subsection if they have completed the application portfolio management review conducted by the OCIO.)

List custom applications used by the agency, including (a) the general purpose of the application; (b) the platform on which it is running; (c) application development tools used; and (d) how the application is supported.

Application:
Platform:
Development Tools:
How Supported:
Internet Accessible: Y/N

1.3 Data

1.3.1 Databases

List the significant databases maintained by the agency.

Database:

Brief Description:
Types of Data (PII, HIPAA, PCI, FTI, CJIS, SSA, None of the above):
Data Classification (RESTRICTED; CONFIDENTIAL; MANAGED ACCESS PUBLIC; PUBLIC):

1.3.2 Data Exchange

List the significant electronic data exchanges your agency has with other entities.

Title/Description:
Other Entity:
Purpose:
Is this exchange encrypted?:

1.4 Network Environment

1.4.1 General Description

Provide a general description of the agency's network environment. You may optionally include any related diagrams, etc. Also, describe any desktop management and/or LAN monitoring tools used by the agency.

Description:

1.4.2 Network Devices

(Code agencies are not required to complete this subsection.)

Complete the following table. For "current" devices, enter the total number of each item currently owned/leased by the agency. For "planned" devices, enter an estimated number of each item at the end of the biennium on June 30, ~~2023~~2025.

	Current	Planned
Application Delivery/Gateway (e.g. Citrix, Terminal Services appliances) (Specify)		
Firewalls (Hardware)		
IP Phones		
IPS/IDS Appliances		
Load Balancers (Hardware)		
Non-OCIO provided Switches		
Video Cameras		
Wireless Access Points		
Other (Specify)		

Provide a brief narrative describing the reason/rationale for any significant change in the number of planned devices as compared to the number of current devices.

Narrative:

1.4.3 Other Devices that Require Network Access

List any other devices used by the agency that require network access (examples: test equipment, lab equipment, HVAC, etc.).

Narrative:

1.4.4 Cloud Services

Cloud services used by the agency.

AWS	<input type="checkbox"/>
Azure	<input type="checkbox"/>
Google	<input type="checkbox"/>
Oracle	<input type="checkbox"/>
Other (Specify)	<input type="checkbox"/>

Provide a brief description of the agency's use of cloud services.

Narrative:

1.4.5 Public Internet Access

Does the agency provide internet access to the public? If yes, provide a brief description of the access provided.

Narrative:

1.5 Server Rooms

1.5.1 Server Rooms

Many agencies have invested in dedicated space for housing servers and network equipment. This dedicated space provided close proximity of the equipment to an agency's offices and support staff. During the early years of client/server technology, close proximity offered many advantages and was even essential in some situations. Changes in technology and higher network speeds have eroded the advantages of close proximity to the extent that separate server rooms often represent a duplication of costs and an impediment to good security, reliability, disaster recovery, and efficient operations. The trend in all large organizations is consolidation of servers and data centers.

The purpose of this section is to document the number and size of server rooms and encourage planning for use of shared services that would eliminate the need for most server rooms.

Please complete the following information:

~~1. Does your agency have servers in the OCIO data center (yes / no):~~

1. Does your agency have a server room (yes / no) [If no, proceed to Section 2.]:
2. Where is the server room located (city, building, floor):
3. What is the size of the server room (square footage):
4. Does the room have special electrical power feeds (yes/no):
5. Does the room have special cooling capacity (yes/no):
6. Does the room have uninterruptible power supply (yes/no):
7. Does the room have backup power, such as a generator (yes/no):
8. Does the room have a separate fire suppression system (yes/no):
9. What equipment is located in the server room (number of servers, racks, network devices, etc.)?
10. What security is available for the server room?

Provide a brief narrative describing your agency's plans to reduce or eliminate the server room or explain why it is still needed.

2. Staff and Training

2.1 Staff and Related Support Personnel

Identify staffing necessary to maintain your current IT environment, including contractor and OCIO staff supporting your agency specific environment.

	Approximate FTE
Agency IT Staff	
Contractors	
OCIO Staff	

2.2 IT Related Training

Summarize the agency's efforts to address training needs relating to information technology, including training for IT staff and users.

Description:

3. Projects and Future Plans

3.1 Projects Currently Active

List current IT projects, including a description of the project, the current project status, projected completion date and costs.

Project Title:
Brief Description:
Describe project alignment with agency goals:
Current Status:
Projected Completion Date:
Total Project Cost:

3.2 Projects Planned to be Started in ~~FY2024~~FY2023

List IT projects that are planned to start before the end of the current fiscal year which were not listed in the previous section.

Project Title:
Brief Description:
Describe project alignment with agency goals:
Projected Start Date:
Projected Completion Date:
Total Project Cost:

3.3 Projects Planned for the ~~2021-2023~~2023-2025 Biennium

List IT project planned for the next biennium. (Note: If funding for a project has been requested and an IT Project Proposal entered in the Nebraska Budget Request and Reporting System, you only need to list the project title and note that it is included in the agency budget request.)

Project Title:
Brief Description:

Describe project alignment with agency goals:
Projected Start Date:
Projected Completion Date:
Total Project Cost:

3.4 Long-Term Plans (Beyond the ~~2021-2023~~2023-2025 Biennium)

Describe any long-term plans for projects to be started after the ~~2021-2023~~2023-2025 Biennium.

Agency Narrative:

3.5 Other Issues

This is a general comment section where the agency can identify issues not captured in another section of the plan. This provides an opportunity to address issues which may, or may not, impact an agency IT budget; such things as known risks, trends, or issues for which there is not currently enough information to be included in the other sections. This section can also be used to summarize the agency's strategies and future direction for the use of information technology within the agency.

Agency Narrative:

Sec.2. This proposal takes effect when approved by the commission.

Attachment IV-B-2

State of Nebraska
Nebraska Information Technology Commission
Technical Standards and Guidelines

Proposal 25

A PROPOSAL relating to the Information Security Policy; to add a definition; to amend section 8-507; to adopt a new section 8-608 relating to low-code/no-code and containerized development; and to repeal the original sections.

Section 1. Section 1-101 is amended to add the following new subsection, and renumbering the existing subsections accordingly:

“CIS” is an abbreviation for Center for Internet Security, Inc., a nonprofit entity, which develops controls, benchmarks, and best practices for securing IT systems and data. [https://www.cisecurity.org/]

Sec. 2. Section 8-507 is amended to read:

8-507. System maintenance.

The following are system maintenance standards:

(1) All systems involved in the processing, storage, or access to any ~~CONFIDENTIAL or RESTRICTED~~ State information must be maintained per manufacturer specifications.

Maintenance personnel must be approved for this activity by the state information security officer and must be briefed on the requirements for protecting sensitive information;

(2) Maintenance activity must be logged to include the date/time of the maintenance, activity performed, the person or organization who performed the maintenance, the name and department of the escort (if applicable), and a detailed list of any equipment removed or replaced during the maintenance. This list should include serial numbers, if applicable;

(3) Prior to removing any equipment from the secured environment to which it is assigned, the equipment must be approved for release and validated by the state information security officer that all non-public information has been encrypted, secured, or permanently deleted from the equipment. When equipment is returned, it must be inspected for unauthorized systems, settings, or services to ensure the integrity of the security systems before reloading data or placing back into the environment;

(4) All tools used for maintenance must be tested. The Office of the CIO must maintain a list of approved maintenance tools that is reviewed and updated at least annually;

(5) Nonlocal or remote maintenance must be approved in advance by the state information security officer or the Office of the CIO, and must also comply with all agency and Office of the CIO requirements for remote access;

(6) All remote maintenance activity must be logged and reviewed;

(7) Maintenance of agency-developed software must follow the state's change management process to ensure changes are authorized, tested and accepted by agency management. All known security patches must be reviewed, evaluated and appropriately prioritized;

~~(8) Critical patches must be applied within 24 hours of receipt. High risk patches must be applied within 7 days of receipt. All other patches must be appropriately applied in a timely manner as determined by the agency.~~ Vendor patches must be applied in an order based on organizational risk and must be applied within thirty days of receipt; and

(9) All vendor supplied software deployed and operational must be currently supported by the vendor.

Sec. 3. The following new section is adopted:

8-608. Low-code/no-code and containerization development.

Low-code/no-code and containerization development platforms are types of visual software development environments that allow enterprise developers to drag and drop application components, connect them together and create mobile or web apps and microservices. These

1 types of environments allow for the dynamic allocation of resources. While these types of
2 environments allow for swift and agile development without the necessity to write fully coded
3 applications, the platforms also present architectural, security and governance challenges. The
4 following are low-code/no-code and containerization development standards:

5 (1) All projects involving low-code/no-code in the cloud must be reviewed and approved
6 by the OCIO Cloud Review Board;

7 (2) Low-code/no-code projects must maintain compliance with all applicable standards;
8 and

9 (3) All vendor supplied software deployed and operational must be supported by the
10 vendor.

11 Sec. 4. Original sections 1-101 and 8-507 are repealed.

12 Sec. 5. This proposal takes effect when approved by the commission.