

AGENDA
TECHNICAL PANEL
Virtual Meeting (See instructions below.)
Tuesday, February 9, 2021
9:00 a.m. CT

- 9:00 a.m. 1. Roll call; meeting notice; Open Meetings Act information.
2. Public comment. (See instructions below.)
3. **Approval of October 30, 2020 meeting minutes.*** (*Attachment 3*)
4. **Election of Technical Panel chairperson for 2021.***
5. Projects.
- a. Enterprise project status dashboard. Andy Weekly. (*Attachment 5-a*)
 - b. **Enterprise project closure. Dept. of Health and Human Services, New Medicaid Management Information System (MMIS) project.*** [Motion to recommend closure.]
6. Technical standards and guidelines.
- a. **Request for Waiver 20-03. Dept. of Transportation.*** (*Attachment 6-a*)
 - b. **Proposal 18. Change provisions of the Information Security Policy.*** [Motion to post for 30-day comment period.] (*Attachment 6-b*)
7. Work group updates; other business.
- 10:00 a.m. 8. Adjourn.

*** Indicates an 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 January 22, 2021. The agenda was posted to the NITC website on February 5, 2021.

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

VIRTUAL MEETING INFORMATION

1. This is a virtual meeting of the Technical Panel conducted pursuant to Neb. Exec. Order No. 21-02 (<http://govdocs.nebraska.gov/docs/pilot/pubs/eofiles/21-02.pdf>). No quorum of the body will be physically present together, and there will be no public in-person attendance.
2. Members will be able to mute and unmute their microphones, other attendees will be muted automatically by the system.
3. Anyone wishing to make a comment during the public comment portion of the meeting should contact the Technical Panel at 402-471-7984 or ocio.nitc@nebraska.gov at least 24 hours prior to the meeting to coordinate arrangements.
4. Instructions for public access to the meeting:

To join this online event

1. Go to <https://nvcn-cio.webex.com/nvcn-cio/j.php?MTID=efeaf84b6b38f752f6ba54400e8c8bb84>
2. Enter the event password: f6423kM6PpT
3. Click "Join Now".
4. Follow the instructions that appear on your screen to join the teleconference.

To only join the audio conference

To receive a call back, provide your phone number when you join the event, or call the number below and enter the access code.

US Toll: +1-415-655-0003

Global call-in numbers: <https://nvcn-cio.webex.com/nvcn-cio/globalcallin.php?MTID=eac6655a3d1027a6eb771cd1006416f60>

Access code: 145 044 7513

Can't join the event?

<https://collaborationhelp.cisco.com/article/WBX000029055>

Event Number: 145 044 7513

Event Password: f6423kM6PpT

Attachment 3

TECHNICAL PANEL
1526 Building - 4th Floor - Hearing Room 4D
Lincoln, Nebraska
Friday, October 30, 2020, 9:00 a.m. CT
MINUTES

MEMBERS PRESENT:

Kirk Langer, Chair, Lincoln Public Schools
Bret Blackman, University of Nebraska, ITS
Ling Ling Sun, Nebraska Educational Telecommunications
Jeremy Sydik, University of Nebraska

MEMBERS PARTICIPATING VIA TELEPHONE (DISCUSSION ONLY; NON-VOTING):

Ed Toner, Chief Information Officer, State of Nebraska

MEMBERS ABSENT:

None.

ROLL CALL; MEETING NOTICE; OPEN MEETINGS ACT INFORMATION

Mr. Langer called the meeting to order at 9:05 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 August 21, 2020. The agenda was posted to the NITC website on October 28, 2020. A copy of the Nebraska Open Meetings Act was available in the meeting room.

APPROVAL OF JUNE 9, 2020 MEETING MINUTES

Ms. Sun moved to approve the June 9, 2020 meeting minutes as presented. Mr. Blackman seconded. Roll call vote: Sydik-Yes, Langer-Yes, Blackman-Yes and Sun-Yes. Results: Yes-4, No-0, Abstained-0. Motion carried.

PROJECTS

Enterprise project status dashboard.

Andy Weekly, OCIO Project Manager

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

Update on Dept. of Health and Human Services projects.

Dan Gartin, Dept. of Health and Human Services

Mr. Gartin provided an update on the DHHS projects. DHHS has determined that it wishes to close out the original EES project and begin reporting under its new business transformation program known as the iServe Nebraska program. Replacement of the ACCESSNebraska Portal and an incremental replacement of the N-FOCUS system form the basis of Phase 1 of the iServe program.

Mr. Sydik moved to recommend closure of the Medicaid Eligibility & Enrollment System project, and to recommend designating the iServe Nebraska program as an enterprise project. Mr. Blackman seconded. Roll call vote: Sun-Yes, Blackman-Yes, Langer-Yes and Sydik-Yes. Results: Yes-4, No-0, Abstained-0. Motion carried.

TECHNICAL STANDARDS AND GUIDELINES

Request for Waiver 20-01, Nebraska Dept. of Veterans' Affairs.

Patrick Wright was introduced as the new State Information Security Officer. Mr. Wright has reviewed this request and recommends the request be approved as a permanent waiver for the agency.

Ms. Sun moved to approve Request for Waiver 20-01 with no end date. Mr. Sydik seconded. Roll call vote: Blackman-Yes, Langer-Yes, Sydik-Yes, and Sun-Yes. Results: Yes-4, No-0, Abstained-0. Motion carried.

PUBLIC COMMENT

A member of the public was on the telephone conference call and asked to be recognized for public comment. Without objection, the Chair revised the agenda to add a public comment session, allowing five minutes per commenter.

Mr. Ron Woerner provided comments to the panel.

RECOMMENDATIONS TO THE COMMISSION ON PROJECT PROPOSALS SUBMITTED AS PART OF THE 2021-2023 BIENNIAL BUDGET PROCESS

Mr. Langer provided an overview of the project review process.

At this meeting, the panel will discuss each project and answer the following revised questions: (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?

The panel will also recommend how each project should be prioritized. The commission uses a 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.

After the panel has reached consensus on an initial recommendation for each project, the submitting agency will be given an opportunity to address the panel.

Finally, each project will have a record vote on the final recommendations of the panel.

09-01, Secretary of State, Rules & Regulations Electronic Solution

Mr. Langer led a discussion about the project. Colleen Byelick, Chief Deputy, was present for discussion and to answer questions from the panel.

Mr. Blackman moved to provide the following comments and recommendations on project 09-01: (1) answer “yes” to questions 1-3, and (2) recommend the project be prioritized as a Tier 1 project. Ms. Sun seconded. Roll call vote: Sun-Yes, Blackman-Yes, Langer-Yes and Sydik-Yes. Results: Yes-4, No-0, Abstained-0. Motion carried.

09-02, Secretary of State, Notary Public Filing System

Mr. Langer led a discussion about the project. Colleen Byelick, Chief Deputy, was present for discussion and to answer questions from the panel.

Mr. Langer moved to provide the following comments and recommendations on project 09-02: (1) answer “yes” to questions 1 and 2, (2) answer “unknown” to question 3, and (3) recommend the

project be prioritized as a Tier 2 project. Mr. Blackman seconded. Roll call vote: Sydik-Yes, Langer-Yes, Blackman-Yes, and Sun-Yes. Results: Yes-4, No-0, Abstained-0. Motion carried.

09-03, Secretary of State, Election Night Reporting / Candidate Module System

Ms. Sun led a discussion about the project. Colleen Byelick, Chief Deputy, was present for discussion and to answer questions from the panel.

Mr. Blackman moved to provide the following comments and recommendations on project 09-03: (1) answer “yes” to questions 1-3, and (2) recommend the project be prioritized as a Tier 1 project. Mr. Sydik seconded. Roll call vote: Langer-Yes, Blackman-Yes, Sun-Yes, and Sydik-Yes. Results: Yes-4, No-0, Abstained-0. Motion carried.

35-01, Liquor Control Commission, Centralized Alcohol Management Project

Ms. Sun led a discussion about the project. Hobert Rupe, Executive Director, was present for discussion and to answer questions from the panel.

Ms. Sun moved to provide the following comments and recommendations on project 35-01: (1) answer “yes” to questions 1-3, and (2) recommend the project be prioritized as a Tier 1 project. Mr. Blackman seconded. Roll call vote: Sydik-Yes, Langer-Yes, Blackman-Yes, and Sun-Yes. Results: Yes-4, No-0, Abstained-0. Motion carried.

46-01, Department of Correctional Services, Electronic Health Records

Mr. Sydik led a discussion about the project. The agency was not present for discussion.

Mr. Blackman moved to provide the following comments and recommendations on project 46-01: (1) answer “unknown” to questions 1-3, and (2) recommend the project be prioritized in the “Insufficient Information” category. Mr. Sydik seconded. Roll call vote: Sun-Yes, Blackman-Yes, Langer-Yes, and Sydik-Yes. Results: Yes-4, No-0, Abstained-0. Motion carried.

54-01, State Historical Society, Improve Digital Access

Mr. Sydik led a discussion about the project. Jay Shaeffer, IT Infrastructure Support Analyst, and Lindsey Hillgartner, Digital Archivist, were present for discussion and to answer questions from the panel. The agency will provide a more detailed breakdown of the budget for the commission.

Mr. Sydik moved to provide the following comments and recommendations on project 54-01: (1) answer “yes” to questions 1-3, and (2) recommend the project be prioritized as a Tier 1 project. Ms. Sun seconded. Roll call vote: Sydik-Yes, Langer-Yes, Blackman-Yes, and Sun-Yes. Results: Yes-4, No-0, Abstained-0. Motion carried.

47-01, Nebraska Educational Telecommunications Commission, Radio Transmission Project

Mr. Blackman led a discussion about the project. Ling Ling Sun, Chief Technology Officer, was present for discussion and to answer questions from the panel.

Mr. Blackman moved to provide the following comments and recommendations on project 47-01: (1) answer “yes” to questions 1-3, and (2) recommend the project be prioritized as a Tier 1 project. Mr. Sydik seconded. Roll call vote: Sydik-Yes, Langer-Yes, Blackman-Yes, and Sun-Abstain. Results: Yes-3, No-0, Abstained-1. Motion carried.

47-03 Nebraska Educational Telecommunications Commission, Facility Routing

Mr. Blackman led a discussion about the project. Ling Ling Sun, Chief Technology Officer, was present for discussion and to answer questions from the panel.

Mr. Sydik moved to provide the following comments and recommendations on project 47-03: (1) answer “yes” to questions 1-3, and (2) recommend the project be prioritized as a Tier 1 project. Mr. Langer seconded. Roll call vote: Blackman-Yes, Langer-Yes, Sydik-Yes, and Sun-Abstain. Results: Yes-3, No-0, Abstained-1. Motion carried.

WORK GROUP UPDATES; OTHER BUSINESS

There were no updates.

ADJOURNMENT

With no further business and without objection, the Chair adjourned the meeting at 11:05 a.m.

Meeting minutes were taken by Lori Lopez Urdiales and reviewed by Rick Becker, Office of the CIO.

Attachment 5-a

Projects Status Dashboard

February 2021

Enterprise Projects - Current

Agency/Entity	Project	NITC Designated
Department of Health and Human Services	New Medicaid Management Information System (MMIS)	07/08/2009
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

Note: Status is self-reported by the agency

Project Storyboard: Centrex Conversion

Project Manager	Kortus, Julie	Status Report Date	2/3/21
Project Type	Major Project	Status	Approved
Stage	Build	Progress	Started
Total Estimated Cost	\$2,800,000.00	Estimate to Complete	
Actual Cost To Date			

Project Dates		
	Start	Finish
Plan	10/10/17	12/31/22
Baseline	10/10/17	12/31/22
Days Late	0	0

Status Report Indicators		
Overall		
Schedule		
Scope		
Cost and Effort		

Project Description
 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.

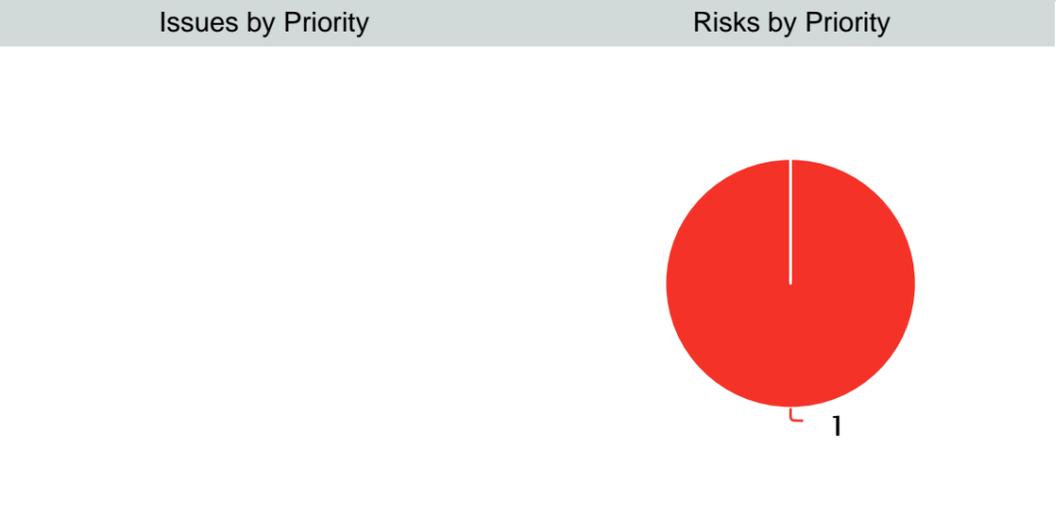
Key Accomplishments
 5998 telephone lines have been converted to Allo.

Status Report Update
 As of 1/20/2021:
 5998 lines have been converted to Allo.
 10,000 lines were in the RFP to convert from Windstream and CenturyLink.
 Project is 60.0% complete.

 Approximately 250 lines are scheduled for install next week, porting the week after. The Voice Team continues to work with the remaining Windstream lines. Allo has begun working with agencies in the CenturyLink territory.

 In parallel with this project, over 700 softphones have been deployed using the same resources assigned to this project.

Upcoming Activities
 Approximately 250 lines at Nebraska Game and Parks are scheduled for install next week, porting the week after. History Nebraska is scheduled for install and porting in the month of February.



Current Risks **More Risks...**

Risk	Probability	Impact	Priority	Status	Target Resolution	Owner
Bandwidth at Sites				Work in Progress	6/30/20	Kortus, Julie

Project Storyboard: iServe Nebraska

Project Manager	Agarwal, Ankush	Status Report Date	1/26/21
Project Type	Major Project	Status	Approved
Stage	Design	Progress	Started
Total Estimated Cost	null	Estimate to Complete	
Actual Cost To Date			

Project Dates		
	Start	Finish
Plan	4/6/20	9/30/21
Baseline	4/6/20	9/30/21
Days Late	0	0

Status Report Indicators		
Overall		
Schedule		
Scope		
Cost and Effort		

Project Description
 IHHS - Clarity Plan for IS&T Contractors Timesheets JC 266171 WO 266110 April 2020 thru Sept 30 2021. 7/28/2020 Project Name & Timesheets Change to iServe JC/WO number remained same. 10/21/20 PM name from Annette Pilcher to Ankush Agarwal

- Key Accomplishments**
- Portal Vendor Pool RFQ Submissions evaluated
 - Posted Intent to Award for a pool of six vendors
 - Established internal Advisory Group

Status Report Update
 Key activities are on track. Vendor pool for Portal development is established, initial work orders being prepared for bid, preparing for stand up of development environments, acquiring key team resources.

- Upcoming Activities**
- Develop first set of work orders for RFQ pool to bid
 - Decision on potential SOW and Contract with Ensono
 - Updating Planning and budget documents for submission to Federal funding partners
 - Finalize scope for Portal MVP release (April 2022)
 - Hiring and on-boarding key delivery team resources

Issues by Priority Risks by Priority

Current Issues
 No matching records were found

Project Storyboard: Medicaid Management Information System Replacement Project (MMIS)

Project Manager	Gartin, Dan	Status Report Date	2/2/21
Project Type	Major Project	Status	Approved
Stage	Launch	Progress	Started
Total Estimated Cost	\$113,600,000.00	Estimate to Complete	15.29%
Actual Cost To Date	\$17,363,786.07		

Project Dates		
	Start	Finish
Plan	7/1/14	11/16/20
Baseline	7/1/14	11/16/20
Days Late	80	80

Status Report Indicators		
Overall		
Schedule		
Scope		
Cost and Effort		

Project Description

Medicaid and Long-Term Care (MLTC) has undertaken a strategic transformation toward a vision for a Medicaid enterprise that is fundamentally data-driven. This project supports the programmatic shift by giving the stakeholders access to claims and clinical data and appropriate analytic tools. This project of building a comprehensive data management and analytics (DMA) platform is aligned with the CMS modular approach to building system and operational capabilities. The current system consisting of legacy MMIS and Truven DW/DSS has several limitations that warrant the need to re-engineer the data management and analytical operations. The DMA system is envisioned to be the core repository for the State to address all its information and data needs.

Key Accomplishments

The HIA system has been successfully operational for three months and the state committees to manage the operational aspects of HIA with Deloitte are meeting, certification is in hand and, as such, the project team recommends that the DMA project be closed for Enterprise Tracking.

Status Report Update

Deloitte's HealthInteractive system (HIA), which provides the functionality defined in the DMA project's contract with Deloitte (Amendment 3 - signed march 30 2020), went live on November 2 2020 after being in 'Soft Launch' since June 2020.

With the system live as of November 2nd, the project has transitioned from 'build' to 'operate' and is now managed under 'Management and Operations' and HIA is the system of record for MCO encounter processing (within specification) and compiles CMS reporting (including T-MSIS) and Optumas (actuarial services extracts for capitation payment calculations) reports.

In addition, 'Anthem' (aka Healthy Blue) MCO went live on January 1 2021 and is processing encounters in HIA and the first quarterly operation release is on schedule for a March deploy.

The Truven (IBM's Dr. Watson Health) system is due to be decommissioned March 31 2021 and there is no requirement to extend the contract with IBM.

The project management team is managing the transition from 'build' to 'operate' by closing out the project financials (the project is under budget) and adjusting the IAPDU to accommodate the shift of DDI funds from FFY20 to FFY21 and amending the Deloitte contract (Amendment 6) to list the costed change orders for approval by CMS.

In order to support operations, the Steering Committee and Operations Committee have been reconvened with operations-based (as opposed to project-based) charters and are meeting regularly. The Data Governance committee is due to start meeting in February (under the auspices of IS&T Data Governance) to manage the quarterly metadata updates.

The HIA system has been successfully operational for three months and the state committees to manage the operational aspects of HIA with Deloitte are meeting, certification is in hand and, as such, the project team recommends that the DMA project be closed for Enterprise Tracking.

Upcoming Activities

The state is waiting to hear the results from the R2 certification event (September 22 2020) and has selected the Streamlined Modular Certification (SMC) method (which replaces MECT R3) and is building KPI-based metrics and monitoring for final certification and ongoing monitoring.

Project Storyboard: Nebraska Regional Interoperability Network (NRIN)

Project Manager	Krogman, Sue	Status Report Date	2/3/21
Project Type	Major Project	Status	Approved
Stage	Build	Progress	Started
Total Estimated Cost	\$12,500,000.00	Estimate to Complete	83.24%
Actual Cost To Date	\$10,405,204.00		

Project Dates		
	Start	Finish
Plan	10/1/10	8/31/21
Baseline	10/1/10	8/31/21
Days Late	0	0

Status Report Indicators		
Overall		
Schedule		
Scope		
Cost and Effort		

Project Description

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.

Key Accomplishments

Investment Justifications have been created and submitted for grant dollars to continue the build-out.

Status Report Update

UPDATE FOR JANUARY 2021 – Work in the NE Region has continued to be steady until this latest snow-storm. During this time the contractor is continuing to do prep work in their warehouse. Investment Justifications have been created and submitted for grant dollars to continue the build-out.

Upcoming Activities

Issues by Priority Risks by Priority

Current Issues

No matching records were found

Attachment 6-a

Request for Waiver 20-03

Specific section at issue:

7-104 / (1) The approved domain names for Nebraska state government websites are “nebraska.gov” and “ne.gov.” The Chief Information Officer may approve other domain names using the .gov top level domain.

Justification for waiver:

A consultant built a website for our Aeronautics division through Wix. Wix does not allow for external SSL certifications and they will not give an SSL certification to an external domain. Therefore, we have no way to create a secure site unless we use a .com and go through Wix’s service instead, in which case they will automatically give an SSL certification to the site. I have worked with Sarah Rogge at OCIO and have determined there is no way to give an SSL certification unless we use the .com domain provided through Wix.

Agency’s preferred solution:

We propose using a .com web address since there is no way to secure the site if we use a .gov address. We will use <https://nebraskaaviationcounts.com> and Wix will automatically give an SSL certification to the site. We will link to this site from our NDOT Aeronautics page, which is a .gov site.

Submitted by:

Mackenzie Bartek
Strategic Communications Manager
Nebraska Department of Transportation

Attachment 6-b

State of Nebraska
Nebraska Information Technology Commission
Technical Standards and Guidelines

Proposal 18

A PROPOSAL relating to the Information Security Policy; to amend sections 8-103, 8-209, 8-210, and 8-211; to adopt a new section relating to public accounts; to repeal the original sections; and to outright repeal section 8-212.

1 Section 1. Section 8-103 is amended to read:

2 **8-103. Roles and responsibilities.**

3 (1) State Agencies. Agencies that create, use, or maintain information systems for the state
4 must establish and manage an information security program consistent with this policy to ensure
5 the confidentiality, availability, and integrity of the state's information assets. Agencies may work
6 with the Office of the Chief Information Officer for assistance with implementing an information
7 security program.

8 (2) Office of the Chief Information Officer. The Office of the Chief Information Officer is
9 responsible for recommending policies and guidelines for acceptable and cost-effective use of
10 information technology in noneducation state government.

11 (3) State Information Security Officer. The state information security officer serves as a
12 security consultant to agencies and agency information security officers to assist the agencies in
13 meeting the requirements of this policy and other policies. The state information security officer
14 may also perform assessments of agency security for risk and compliance with this policy and
15 ~~the NIST Cybersecurity Framework~~ other security related policies and frameworks as applicable.

16 (4) Agency Information Security Officer. An agency information security officer may be
17 designated at the discretion of the agency. The agency information security officer has the

1 responsibility for ensuring implementation, enhancement, monitoring, and enforcement of
2 information security policies and standards for their agency. The agency information security
3 officer may collaborate with the Office of the CIO on information security initiatives within the
4 agency.

5 (5) Nebraska Information Technology Commission. The Nebraska Information Technology
6 Commission is the owner of this policy with statutory responsibility to adopt minimum technical
7 standards, guidelines, and architectures.

8 (6) Technical Panel. The Technical Panel is responsible for recommending technical
9 standards and guidelines to be considered for adoption by the Nebraska Information
10 Technology Commission.

11 (7) State Government Council. The State Government Council is an advisory group
12 chartered by the Nebraska Information Technology Commission to provide recommendations
13 relating to state government agencies.

14 (8) Security Architecture Workgroup. The Security Architecture Workgroup is chartered by
15 the State Government Council to make recommendations to the State Government Council and
16 Technical Panel on matters relating to security within state government; provide information to
17 state agencies, policy makers, and citizens about real or potential security threats or
18 vulnerabilities that could impact state business; document and communicate existing problems,
19 potential points of vulnerability, and related risks; and determine security requirements of state
20 agencies stemming from state and federal laws, regulations, and other applicable standards.

21 Sec. 2. Section 8-209 is amended to read:

22 **8-209. ~~State and agency~~Agency security planning and reporting.**

23 ~~The following standard and recurring reports are required to be produced by the state~~
24 ~~information security officer and each agency information security officer; these reports will~~
25 ~~reflect the current and planned state of information security at the agency.~~Pursuant to the terms

1 of certain federal data exchange agreements, state agencies may be required to maintain the
2 following documentation:

3 (1) Information security strategic plan (See section 8-210.);

4 (2) System security plan (See section 8-211.); and

5 (3) ~~Plan of action and milestones report (section 8-212)~~Other information security
6 documentation not covered by this section.

7 For agencies not subject to federal data exchange agreements, these planning documents
8 are considered guidelines and recommended as best practice.

9 Sec. 3. Section 8-210 is amended to read:

10 **8-210. Information security strategic plan.**

11 Proper risk-based planning is critical to ensure the most appropriate projects are prioritized
12 and funded by the state and its agencies. Information security planning is no exception.

13 Planning for information protection should be given the same level of executive scrutiny at the
14 state as planning for information technology changes. This plan ~~must~~should be updated and
15 published on an ~~annual~~biennial basis, and should include a ~~5~~two-year projection of key
16 security business drivers, and planned security infrastructure implementation, ~~and forecasted~~
17 ~~costs. It should include an educated view of emerging threats and protections, and an analysis~~
18 ~~of the potential impacts to state information assets.~~ This plan is necessary to ensure that
19 information security is viewed as a strategic priority, and is included as part of the overall
20 planning process.

21 Contents of the information security strategic plan:

22 (1) Summary of the information security, mission, scope, and guiding principles;

23 (2) Analysis of the current and planned technology and infrastructure design, and the
24 corresponding changes required for information security to stay aligned with these plans;

25 (3) Summary of the overall information risks assessments and current risk levels. ~~Detailed~~
26 ~~descriptions of significant security risks, and plans to mitigate or remediate those risks;~~

1 (4) Assessment of the current information security posture related to the future targeted
2 posture, identified gaps, and high-level timeline necessary to close or mitigate those gaps;

3 (5) Summary of the policies, standards, and procedures for information security, and
4 projected changes necessary to stay current and relevant;

5 (6) Summary of the information security education and awareness program, progress, and
6 timeline of events;

7 (7) Summary of disaster recovery and business continuity activity and plans if the agency is
8 required to maintain these documents by other requirement or policy;

9 (8) Analysis of the regulatory and contractual compliance environment, including potential
10 new regulations or pending contractual requirements that will affect information security; and

11 (9) Proposed ~~five~~two-year timeline of events and key deliverables or milestones; ~~and~~

12 ~~(10) Line item cost projections for all information security activity that is itemized by:~~

13 ~~(a) Steady state investments: The costs for current care and maintenance of the~~
14 ~~information security program;~~

15 ~~(b) Risk management and mitigation: The line item expenses necessary to mitigate or~~
16 ~~resolve security risks for the agency in a prioritized order;~~

17 ~~(c) Future technology: The line item forecasted expenses and timelines necessary to~~
18 ~~support emerging or changing technology, and to be ready for new and emerging threats; and~~

19 ~~(d) Regulatory: The line item expense necessary to meet all regulatory and contractual~~
20 ~~compliance requirements.~~

21 Sec. 4. Section 8-211 is amended to read:

22 **8-211. System security plan.**

23 The ~~state and agency~~ system security plan (SSP) provides an overview of the security
24 requirements of the information system including all in-house or commercially developed and
25 maintained systems and installations and to all external business partner systems and
26 installations operated by, or on behalf of the state. The SSP describes the controls in place or

1 planned for meeting those requirements and delineates responsibilities and expected behavior
2 of all individuals who access the system. The SSP ~~will address all control areas identified in the~~
3 ~~NIST SP 800-53 control framework, and~~ will describe the current controls in place to protect
4 information at a level commensurate with the sensitivity level of the system.

5 ~~The state information security officer will work with each agency information security officer~~
6 ~~to maintain an SSP incorporating each identified system managing information or used to~~
7 ~~process agency business.~~

8 The agency information security officer ~~and the state information security officer are required~~
9 ~~to~~ should develop or update the SSP in response to each of the following events: new system;
10 ~~major~~ significant system modification; increase in security risks/exposure; increase of overall
11 system security level; serious security violation(s); or every three years (minimum) for an
12 operational system.

13 Contents of the system security plan:

14 (1) System name and title, description and scope of system including each all in-house or
15 commercially developed system and installations included in the SSP;

16 (2) Responsible organization: Name and contact information for business area responsible
17 for the systems defined in the SSP. Decision authority for business functionality and business
18 risks;

19 (3) Key contacts: Name and contact information for personnel who can address system
20 characteristics and operation. IT maintenance personnel for the system, applications, and
21 infrastructure;

22 (4) System operation status and description of the business process, including a description
23 of the function and purpose of the systems included in the SSP;

24 (5) System information and inventory, including a description or diagram of system inputs,
25 processing, and outputs. ~~Describe information flow and how information is handled.~~ Include the

1 information classification for all information processed, accessed, or exposed. Include a system
2 network and workflow diagram;

3 (6) A detailed diagram showing the flow of ~~sensitive information, including CONFIDENTIAL~~
4 ~~and RESTRICTED information~~. Describe details where this data is stored, accessed, or
5 processed and include details of the security mechanisms applicable to this type of data;

6 ~~(7) Detailed information security descriptions, procedures, protocols, and implemented~~
7 ~~controls for all NIST SP 800-53 control areas within the scope of the system. Identify~~
8 ~~compensating controls or compliance gaps within this section of the SSP;~~

9 ~~(8) System interconnection or information sharing: Describe all interfacing or connections~~
10 ~~between two or more systems or business partners;~~

11 ~~(9)(7)~~ Applicable laws, regulations, or compliance requirements: List any laws,
12 regulations, or specific standards, guidelines that specify requirements for the confidentiality,
13 integrity, or availability of information in the system;

14 ~~(10)(8)~~ Review of security controls and assessment results that have been conducted
15 within the past three years; and

16 ~~(11)(9)~~ Information security risk assessment which includes identification of potential
17 threat/vulnerabilities in the information system, analysis of planned or actual security controls,
18 and potential impacts on operations, assets, or individuals.

19 Sec. 5. The following new section is adopted:

20 **8-302.1 Public accounts; passwords.**

21 This section sets forth the format, minimum requirements, and review procedures for public
22 accounts accessing state resources. This section applies to all public accounts created for use
23 within the State of Nebraska domain namespaces. Public accounts are accounts on state
24 managed systems that are to be used by the general public and are not to be used by state
25 employees or contractors to conduct state business.

1 (1) Information Access. A public account may only be used by the user to access their own
2 information.

3 (2) Passwords. The following are the minimum requirements for public account passwords:

4 (a) Must contain a minimum of 12 characters;

5 (b) Must contain at least three of the following four complexity requirements: at least one
6 uppercase letter; at least one lowercase letter; at least one numeric value; or, at least one
7 special character; and

8 (c) Accounts must be locked temporarily after five failed password attempts.

9 (3) Review Process. Accounts with no successful login activity for a period of 24 months will
10 be disabled. Accounts with no successful login activity for 26 months will be deleted.

11 (4) Misuse or Abuse. Any misuse or abuse of a public accounts will cause the account in
12 question to be terminated.

13 Sec. 6. Original sections 8-103, 8-209, 8-210, and 8-211 are repealed.

14 Sec. 7. The following section is outright repealed: Section 8-212.

15 Sec. 8. This proposal takes effect when approved by the commission.