AGENDA
NEBRASKA INFORMATION TECHNOLOGY COMMISSION
Varner Hall - Board Room
3835 Holdrege Street
Lincoln, Nebraska
Thursday, March 14, 2019
10:00 a.m.

10:00 a.m.	1.	Roll call; meeting notice; Open Meetings Act information.
	2.	Public comment.
	3.	**Approval of the November 8, 2018 meeting minutes.*** *(Attachment 3)*

4. Reports from the advisory councils and Technical Panel.

10:05 a.m.   a. Technical Panel report – Kirk Langer.
        i. Enterprise project status dashboard report. *(Attachment 4-a-i)*
        ii. **Approval of the closure of the Dept. of Administrative Services' Oracle Fusion project as an enterprise project.***

10:20 a.m.   b. GIS Council report – John Watermolen. *(Attachment 4-b)*
        i. **Approval of Proposal 18-06, amend GIS imagery standards.***
        [Technical Panel recommends approval.] *(Attachment 4-b-i)*

10:40 a.m.   c. Education Council report – Tom Rolfes.
        i. Network Nebraska and digital education updates.

11:00 a.m.   d. State Government Council report – Ed Toner.
        i. OCIO metrics for 2018. *(Attachment 4-d-i)*

11:15 a.m.	5.	Update: Rural Broadband Task Force – Ed Toner.
11:30 a.m.	6.	Adjourn.

* Indicates an action item.

The Commission 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.

Meeting notice was posted to the NITC website and the Nebraska Public Meeting Calendar on February 15, 2019. The agenda was posted to the NITC website on March 6, 2019.

Nebraska Open Meetings Act

NEBRASKA INFORMATION TECHNOLOGY COMMISSION
Varner Hall - Board Room
3835 Holdrege Street, Lincoln, Nebraska
Thursday, November 8, 2018, 10:00 a.m. CT
MINUTES

MEMBERS PRESENT:
Ed Toner, Chief Information Officer, Chair
Shane Greckel, Greckel Farms, LLC
Dr. Terry Haack, Bennington Public Schools
Dorest Harvey, US Strategic Command/J84
Dan Spray, Precision Technologies, Inc.
Gary Warren, Hamilton Telecommunications
Walter Weir, University of Nebraska

MEMBERS ABSENT: Senator Bruce Bostelman, Nebraska Legislature; LaShonna Dorsey, Mutual of Omaha; and Tom Nutt, Phelps County Commissioner

ORDER; ROLL CALL; MEETING NOTICE; AND OPEN MEETINGS ACT INFORMATION

The chair, Ed Toner, called the meeting to order at 10:01 a.m. Roll call was taken. Seven members were present. The meeting notice was posted to the NITC website and the Nebraska Public Meeting Calendar on October 4, 2018. The agenda was posted to the NITC website on November 2, 2018. A copy of the Nebraska Open Meetings Act was posted on the wall of the meeting room.

PUBLIC COMMENT

There was no public comment.

APPROVAL OF THE JULY 12, 2018 MEETING MINUTES

Commission Harvey moved to approve the minutes as presented. Commissioner Spray seconded. Roll call vote: Toner-Yes, Greckel-Yes, Haack-Yes, Harvey-Yes, Spray-Yes, Warren-Yes, and Weir-Yes. Results: 7-Yes, 0-No, 0-Abstained. Motion carried.

There was no public comment.

APPROVAL OF THE PROGRESS REPORT TO THE GOVERNOR AND LEGISLATURE

Each even-numbered year, the NITC provides a progress report to the Governor and Legislature. A copy of the draft report was included with the meeting documents.

Commissioner Greckel moved to approve the 2018 Progress Report to the Governor and Legislature as presented. Commissioner Haack seconded. Roll call vote: Weir-Yes, Warren-Yes, Spray-Yes, Harvey-Yes, Haack-Yes, Greckel-Yes, and Toner-Yes. Results: 7-Yes, 0-No, 0-Abstained. Motion carried.

REPORTS FROM THE ADVISORY COUNCILS AND TECHNICAL PANEL

TECHNICAL PANEL REPORT
Ed Toner

In the absence of the Technical Panel chair, Kirk Langer, Commissioner Toner provided the report.

Approval of the Recommendations on Technology Investments for the 2019-2021 Biennium

The project proposals were reviewed following the process set forth in NITC § 1-202. A copy of the draft report was included with the meeting documents.

The chair offered an opportunity for any agency with a project proposal to address the commission. There were no comments from the agencies.

Members discussed the Department of Administrative Services' proposal relating to the fuzioN project. Commissioner Toner has recently been appointed to serve as Interim Director of Administrative Services. He assured the Commission that he is aware of the concerns and will be working closely with the project team to ensure that the concerns are addressed.

Commissioner Warren moved to approve the Recommendations on Technology Investments for the 2019-2021 Biennium. Commissioner Spray seconded. Roll call vote: Greckel-Yes, Haack-Yes, Harvey-Yes, Spray-Yes, Warren-Yes, Weir-Yes, and Toner-Yes. Results: 7-Yes, 0-No, 0-Abstained. Motion carried.

Draft Report on the Status of Enterprise Projects. Commission members were provided a copy of the draft report for informational purposes. No action was necessary.

Approval of Proposal 18-04, GIS Standards for State Agencies

John Watermolen, GIS Coordinator, introduced the proposal.

Commissioner Harvey moved to approve Proposal 18-04. Commissioner Weir seconded. Roll call vote: Harvey-Yes, Haack-Yes, Greckel-Yes, Toner-Yes, Weir-Yes, Warren-Yes, and Spray-Yes. Results: 7-Yes, 0-No, 0-Abstained. Motion carried.

Approval of Proposal 18-05, repeal section 5-102

Section 5-102 related to the Microsoft Enterprise Agreement Home Use Program. The program is no longer available to state employees.

Commissioner Warren moved to approve Proposal 18-05. Commissioner Haack seconded. Roll call vote: Spray-Yes, Warren-Yes, Weir-Yes, Toner-Yes, Greckel-Yes, Haack-Yes, and Harvey-Yes. Results: 7-Yes, 0-No, 0-Abstained. Motion carried.

GIS COUNCIL REPORT
John Watermolen

Approval of Membership Nominations. The GIS Council has two membership nominations for renewal:
- Eric Herbert, representing Omaha Metro
- Chuck Wingert, representing Natural Resource Districts

Commissioner Haack moved to approve the GIS Council's membership nominations. Commissioner Harvey seconded. Roll call vote: Toner-Yes, Greckel-Yes, Haack-Yes, Harvey-Yes, Spray-Yes, Warren-Yes, and Weir-Yes. Results: 7-Yes, 0-No, 0-Abstained. Motion carried.

Mr. Watermolen proceeded with a demonstration of the NebraskaMap 3.0 preview. Mr. Watermolen entertained questions from the Commission.

COMMUNITY COUNCIL REPORT
Anne Byers

The council will be meeting on November 14 at 1:30 p.m. at the Public Service Commission. Ms. Byers briefly reviewed results and provided links to the 2018 Nebraska Rural Poll and the 2018 Digital Readiness Survey. Ms. Byers entertained questions from the Commission.

EHEALTH COUNCIL REPORT
Anne Byers

The eHealth Council met on October 15. At the meeting, the council approved the charter for the Data Governance Work Group. Kathy Cook, Lincoln-Lancaster County Public Health Department, has volunteered to serve as co-chair. The council approved her nomination.

Approval of Membership Nominations. The eHealth Council has nominated two new members. Jan Evans from Blue Cross and Blue Shield Nebraska has been nominated to replace Rama Kolli who was also from Blue Cross and Blue Shield Nebraska. In addition, the eHealth Council nominated Jina Ragland from AARP to replace Robin Szwanek who is also from AARP. The eHealth Council approved their nominations via e-mail vote. Their bios are on the following page. Ms. Byers asked the Commissioners to approve their nominations.

Commissioner Harvey moved to approve the eHealth Council membership nominations. Commission Warren seconded. Roll call vote: Toner-Yes, Greckel-Yes, Haack-Yes, Harvey-Yes, Spray-Yes, Warren-Yes, and Weir-Yes. Results: 7-Yes, 0-No, 0-Abstained. Motion carried.

EDUCATION COUNCIL REPORT
Tom Rolfes

Approval of Membership Nominations. The council has the following membership renewals for the commission's approval for the 2018-2020 term:
> **Higher Education:** Mary Niemiec representing the UN System; Greg Maschman representing Independent Colleges & Universities; Tom Peters representing the Community College System; and John Dunning representing the State College System
> **K-12 Education:** Gary Needham for Educational Service Units; Dan Hoesing representing administrators; Alan Moore representing school board members; and Burke Brown representing public school teachers

Commissioner Harvey moved to approve the Education Council's membership nominations. Commission Warren seconded. Roll call vote: Toner-Yes, Greckel-Yes, Haack-Yes, Harvey-Yes, Spray-Yes, Warren-Yes, and Weir-Yes. Results: 7-Yes, 0-No, 0-Abstained. Motion carried.

Network Nebraska and Digital Education Updates. The Education Council promoted the Nebraska State Cyber Security Conference on September 27, 2018 and co-sponsored the Cyber Resiliency Workshop on September 28, 2018. Both had good attendance and there was considerable interest to hold another workshop possibly in the spring around the date of the NETA conference.

Libraries are holding open houses and ribbon cutting ceremonies for the SPARKS grant recipients. Governor Ricketts was in attendance for the Verdigre open house on October 16 and plans to travel to Bayard on November 16.

STATE GOVERNMENT COUNCIL REPORT
Ed Toner

Ed Toner shared the Strategic Initiatives Status Report. Commissioners had no questions.

UPDATE: RURAL BROADBAND TASK FORCE
Ed Toner

Mr. Toner reported that the task force has met three times. At the first meeting on September 24, the task force discussed the charge to the task force, the current status of broadband availability in Nebraska, and the need to define "rural." The second meeting on October 15 focused on the federal Connect

America Fund and the Nebraska Universal Service Fund. The Rural Broadband Task Force had its third meeting on November 7. The meeting focused on three topics: Broadband technologies, the costs of building rural broadband networks, and what other states are doing. Three subcommittees have been formed to examine issues related to the Nebraska Universal Service fund, broadband data, and broadband technologies . The next meeting will be held on December 10. The meeting will focus on public-private partnerships. Information on the Rural Broadband Task Force is available at https://ruralbroadband.nebraska.gov.

ADJOURNMENT

Commissioner Spray moved to adjourn. Commissioner Greckel seconded. All were in favor. Motion carried.

The meeting was adjourned at 11:14 a.m.

The meeting minutes were taken by Lori Lopez Urdiales and reviewed by the NITC Managers, Office of the CIO/NITC

Project Storyboard: Centrex Replacement

Project Manager	Kortus, Julie	Status Report Date	2/7/19
Project Type	Major Project	Status	Approved
Stage	Design	Progress	Started
Total Estimated Cost	$2,800,000.00	Estimate to Complete	
Actual Cost To Date			

Project Dates

	Start	Finish
Plan	10/10/17	6/30/20
Baseline	10/10/17	6/30/20
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

Status Report Update

First weekly team meeting with ALLO was 1/10/2019

Our team has made the decision to cut-over the OCIO building first, and then work on other Lincoln locations. We will plan to cut-over as many WindStream lines as possible before working on CenturyLink.

The first open house was held on 1/15/2019. Approximately 40 people attended.

The second open house was held on 1/23/2019. Approximately 80 people attended.

ALLO's equipment is installed in the Lincoln Data Center.

ALLO's equipment is installed in CoSentry in Omaha, and cut over to the State's Data Center.

ALLO believes they will begin cutting lines over the beginning of March. The State will begin submitting porting templates to ALLO the third week of February, 2019.

We are continuing to work on our internal billing system.

We had one ACD meeting on 2/5/2019. Five customers attended.

We have a second ACD meeting scheduled for 2/8/2019. Fifteen people have registered to attend.

We are reviewing data circuit information for the Lincoln area. Once we have identified all Lincoln addresses that meet data circuit requirements, we are performing discovery of the switches at those locations. Locations that meet data circuit requirements and have all Cisco switches will be placed into the schedule first.

Upcoming Activities

Issues by Priority	Risks by Priority
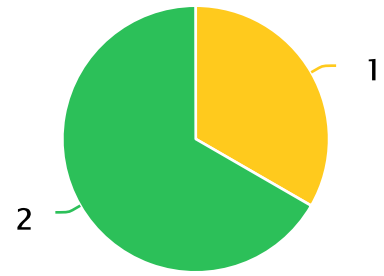
Current Issues

Issue	Priority	Status	Target Resolution	Owner
Overlap of service	⚠	Open	12/31/19	Kortus, Julie
Rates	◆	Open	11/30/18	Kortus, Julie
Removing needed billing numbers	◆	Open	12/31/19	Kortus, Julie

Project Storyboard: Medicaid Eligibility & Enrollment System

Project Manager	Spaulding, Don	Status Report Date	2/6/19
Project Type		Status	Approved
Stage	Build	Progress	Started
Total Estimated Cost	$81,200,000.00	Estimate to Complete	77.98%
Actual Cost To Date	$63,318,485.00		

Project Dates

	Start	Finish
Plan	6/1/18	4/30/22
Baseline	6/1/18	4/30/22
Days Late	0	0

Status Report Indicators

Overall	❖	➡
Schedule	❖	⬇
Scope	❖	⬇
Cost and Effort	❖	⬇

Project Description

The Affordable Care Act (ACA) included numerous provisions with significant information systems impacts. One of the requirements was to change how Medicaid Eligibility was determined and implement the changes effective 10/1/2014. As a result of the lack of time available to implement a long-term solution, the Department of Health and Human Services implemented a short-term solution in the current environment to meet initial due dates and requirements. This solution did not meet all Federal technical requirements for enhanced Federal funding but was approved on the assumption that a long-term solution would be procured. An RFP was developed and procurement has been completed with Wipro selected as the Systems Integrator for the IBM/Curam software.

Key Accomplishments

Status Report Update

DHHS Leadership made a decision to terminate the efforts undertaken by the EES Phase II Systems Integrator (SI), Wipro, and had been engaged, in the reporting period, in activities to procure a new SI.

However, State and Division leadership have directed the team to cease all project activity until after a 3rd party, independent external assessment can be completed on a path forward that includes all options – including a non-Curam solution.

No new reporting is anticipated until after the independent external assessment is complete.

Upcoming Activities

Issues by Priority	Risks by Priority

Current Issues

No matching records were found

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

Project Manager	Spaulding, Don	Status Report Date	2/4/19
Project Type	Major Project	Status	Approved
Stage	Build	Progress	Started
Total Estimated Cost	$113,600,000.00	Estimate to Complete	9.99%
Actual Cost To Date	$11,349,385.00		

Project Dates

	Start	Finish
Plan	7/1/14	5/31/19
Baseline	7/1/14	5/31/19
Days Late	0	0

Status Report Indicators

Overall	⚠️	➡️
Schedule	⚠️	➡️
Scope	🔷	➡️
Cost and Effort	🔷	➡️

Project Description

Nebraska's current Medicaid Management Information System (MMIS) has supported DHHS Medicaid operations since 1977. Medicaid is an ever-changing environment where program updates occur quickly. The need for access to data is increasing and technological enhancements are necessary to keep pace with program changes. Recognizing the need to implement new technology, and with the support of the Legislature, DHHS embarked on the planning phase for replacement of MMIS functionality.

Key Accomplishments

• Completed deliverable reviews, and acceptance activities for the Data Transformation Plan, and Data Conversion Mappings, among others.
• Completed deliverable expectation document (DED) reviews for multiple deliverables.
• Concurrent deliverable reviews are ongoing for many items, including Data Conversion Specifications, System Documentation and System Readiness Test Plan, among others.
• The State is working with Deloitte to refine content and functionality for previously rejected DDI contract deliverables, which lacked completeness for acceptance.
• Finalized the Minimal Viable Product (MVP) analysis in coordination with Deloitte.
• Continued DMA Managed Care Entity (MCE) outreach and planning efforts with other external project and system support teams where interface development and coordination are needed.
• The planned 14 DMA Agile development sprints are complete; four (4) new sprints have been added.
• Completed six (6) planned HIA Pilot Release deployments. Pilot Release verifications are still in progress for most releases. Two (2) new releases have been added.
• The State UAT Test Plan has been finalized and UAT test case development is in progress. The UAT training for State testers has been completed, and the UAT execution phase has commenced.
• Continued Medicaid Enterprise Certification Lifecycle (MECL) Review 2 (R2) certification efforts including certification criteria mapping verification, delivering Certification Evidence Documents (CEDs) for out of scope checklist items to IV&V, and collecting UAT evidence.
• Published monthly newsletters for the DMA Project.
• Continued organizational change management (OCM) activities including OCM Project Posters, surveys, and weekly briefs, among others.

Status Report Update

The Data Management and Analytics (DMA) project formally kicked off 02/01/18 and has completed its initial discovery, requirements, creation of user stories and majority of development activities in concert with systems integration partner and vendor, Deloitte Consulting, LLP.

The project is underway. The scope of work being implemented in the original 16-month schedule has been re-assessed and deferred; the primary focus for June go-live is on Minimal Viable Product (MVP). The original MVP scope has also been re-assessed and deferred primarily due to change of understanding on what should be considered MVP.

The development phase is delayed; all originally planned 14 sprint cycles are complete, but to accommodate the development backlog four (4) new sprint cycles have been added. Six (6) HealthInteractive (HIA) Pilot Releases were initially planned and all six pilot releases have been deployed in the HIA Pilot environment to date. State User Acceptance Testing (UAT) commenced on 01/22/19 and two (2) new releases have been added to the schedule concurrent with UAT to accommodate remaining development.

Upcoming Activities

• Complete Deliverable and DED review, acceptance and approval activities for upcoming and in-flight work products.
• Complete quarterly and monthly reviews of requisite deliverables.
• Complete the next stage of a rolling, monthly updated, 120-day forward-looking project plan window.
• Finalize Quality Assurance, Data Conversion Specifications, System Documentation, and System Readiness Test Plan deliverables, among others.
• Review and garner State approval for Pilot Releases 2 to 6, and plan for upcoming Releases 7 and 8.
• Complete the Maximus contract amendment for the go-forward interface with Deloitte.
• Finalize go-forward interface specifications including MMIS and Maximus.
• Finalize 3M Grouper contract amendment to allow Deloitte access and usage.
• Complete 3M grouper software installation on State virtual server for Deloitte.
• Continue organizational change management (OCM) activities.
• Work on additional sprint cycles and related ceremonies.
• Finalize HIA end users list with feedback from State Management.
• Conclude UAT test case and script development for UAT Round 2 and upcoming releases.
• Continue UAT test case execution to ensure the product functionality meets contractual requirements and State's expectations of MVP.
• Continue MECL R2 certification planning and documentation efforts using CMS's Medicaid Enterprise Certification Toolkit (MECT) framework.

Issues by Priority	Risks by Priority	Current Issues
		No matching records were found

Project Storyboard: Nebraska Regional Interoperability Network (NRIN)

Project Manager	Krogman, Sue	Status Report Date	2/6/19	
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	8/31/19
Baseline	10/1/10	8/31/19
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

Radio and router work is being tested and done to prepare for a full season of installations.

Status Report Update

There has been no tower work accomplished due to the weather. However, progress continues to be made with line of site assessments and path calculations. Radio and router work is being tested and done to prepare for a full season of installations.

Upcoming Activities

Progress continues to be made with line of site assessments and path calculations.
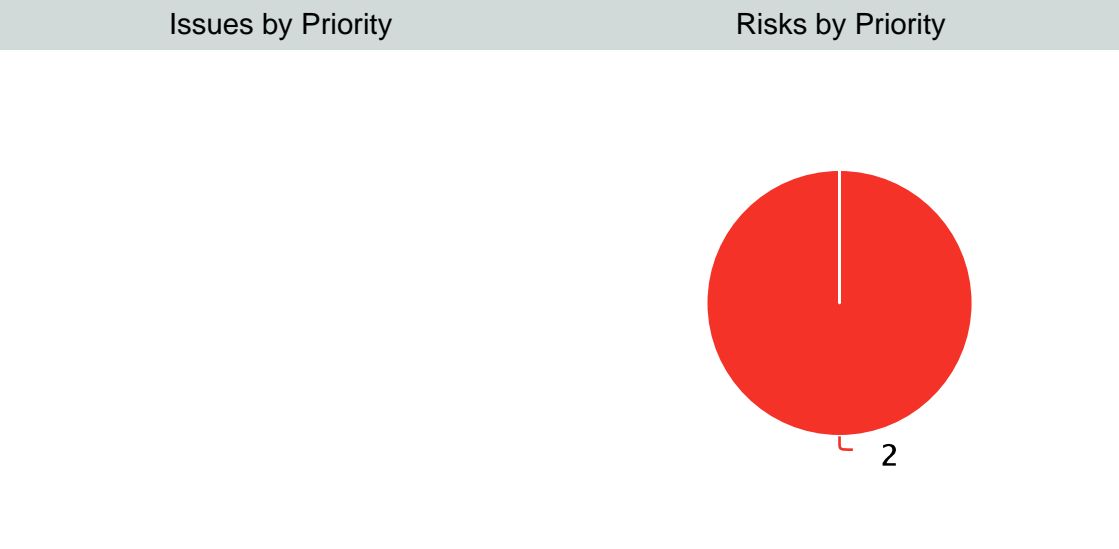
Issues by Priority   Risks by Priority

2

Current Risks   More Risks...

Risk	Probability	Impact	Priority	Status	Target Resolution	Owner
Finding adequate towers to locate the NRIN system on	✖️	✖️	✖️	Open	5/6/16	Weekly, Andy
MOUs and Lease Agreements	✖️	✖️	✖️	Open	5/6/16	Weekly, Andy

Project Storyboard: Nebraska State Accountability (NeSA- Reading, Math, Science and Writing)

Project Manager	Heneger, Jeremy	Status Report Date	2/8/19
Project Type	Major Project	Status	Approved
Stage	Launch	Progress	Started
Total Estimated Cost	$9,781,606.00	Estimate to Complete	19.84%
Actual Cost To Date	$1,940,416.42		

Project Dates

	Start	Finish
Plan	7/1/17	12/31/18
Baseline	7/1/17	11/30/18
Days Late	31	31

Status Report Indicators

Overall	🟢	➡️
Schedule	🟢	➡️
Scope	🟢	➡️
Cost and Effort	🟢	➡️

Project Description

Legislative Bill 1157 passed by the 2008 Nebraska Legislature required a single statewide assessment of the Nebraska academic content standards for reading, mathematics, science, and writing in Nebraska's K-12 public schools. The new assessment system was named Nebraska State Accountability (NeSA), with NeSA-R for reading assessments, NeSA-M for mathematics, NeSA-S for science, and NeSA-W for writing. The assessments in reading and mathematics were administered in grades 3-8 and 11; science was administered in grades 5, 8, and 11; and writing was administered in grades 4, 8, and 11.

Key Accomplishments

Status Report Update

Preparation for all assessment within NSCAS continue to meet agreed upon deadlines. Test forms and manuals are complete and all technology requirements were disseminated to public school districts. Test windows begin in March and are listed below;
NSCAS General Summative ELA, M, & S
        March 18 - April 26, 2019

NSCAS Alternate Assessment ELA, M, & S
        March 18 - April 26, 2019
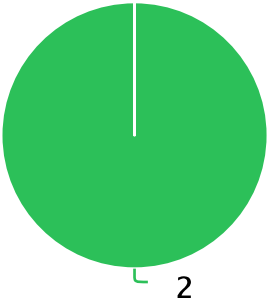
ACT
        April 2, 2019 (Paper)
        April 2 - April 11, 2019 (Online - Tues, Wed, Thurs Only)

ACT Accommodations
        April 2-5 & April 8-12
        April 15-16, 2019 (Paper)
        April 2-4 & April 9-11, 2019 (Online)

Note: Students who are in their third year of cohort at the high school level and are identified as needing alternate assessment will take the NSCAS Alternate tests, not the ACT.

Upcoming Activities

Issues by Priority

Risks by Priority

2

Current Risks   More Risks...

Risk	Probability	Impact	Priority	Status	Target Resolution	Owner
District Infrastructure	🟢	🟢	🟢	Open	2/8/19	Weekly, Andy
Technology Readiness	🟢	🟢	🟢	Open	2/8/19	Weekly, Andy

Project Storyboard: Oracle FuzioN

Project Manager	Rasmussen, Michael	Status Report Date	12/13/18
Project Type		Status	Cancelled
Stage	Launch	Progress	Completed
Total Estimated Cost	$12,050,000.00	Estimate to Complete	38.00%
Actual Cost To Date	$4,578,849.19		

Project Dates

	Start	Finish
Plan	7/13/17	12/11/18
Baseline	7/13/17	6/30/19
Days Late	-201	-201

Status Report Indicators

Overall	❌	⬇
Schedule	❌	➡
Scope	❌	⬇
Cost and Effort	❌	⬇

Project Description

Migrate five current disparate IT systems individually supporting human resource and benefit management, employee recruiting and development, payroll and financial functions, and budget planning to a cloud-based single enterprise platform. The migration will include implementation of two new modules: E-Procurement and Budget Planning. The end state would be the realization of operational, process, and expense synergies by moving to a single enterprise platform at the end of this migration.

Key Accomplishments

Status Report Update

The decision has been made to stop the implementation of FuzioN and pursue a more cost effective upgrade. We will shift our focus to upgrading JDE from version 9.1 to 9.2.

This project will be closed out for NITC Project Reporting.

Upcoming Activities
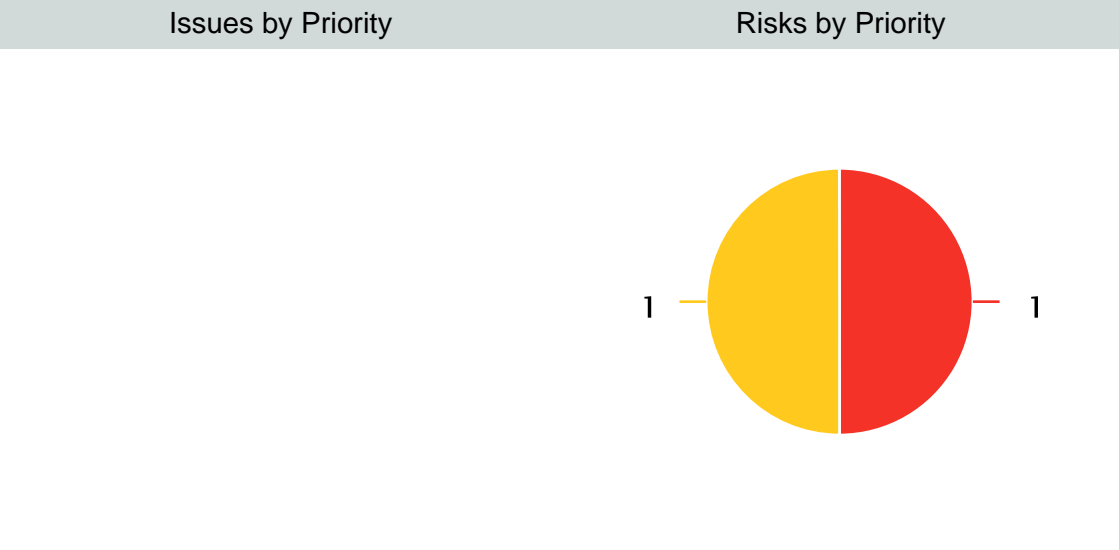
Issues by Priority

Risks by Priority

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Current Risks

More Risks...

Risk	Probability	Impact	Priority	Status	Target Resolution	Owner
Qualified Time reporting	❌	❌	❌	Open	12/14/18	Rasmussen, Michael
Staffing concerns	⚠️	🟢	⚠️	Open	6/25/18	Rasmussen, Michael

Project Storyboard: Novell to Netscaler

Project Manager	Nelson, Ben	Status Report Date	2/6/19
Project Type	Application Change	Status	Approved
Stage	Test	Progress	Started
Total Estimated Cost	null	Estimate to Complete	
Actual Cost To Date			

Project Dates

	Start	Finish
Plan	2/19/16	2/15/19
Baseline	2/19/16	2/15/19
Days Late	0	0

Status Report Indicators

| Overall	⚠️ ⬇️
Schedule	⚠️ ⬇️
Scope	🔶 ➡️
Cost and Effort	🔶 ➡️

Project Description

Combination of the Novell Sunset and Novell Stabilization project.

Key Accomplishments

Future project discussion.

Status Report Update

There are only a few sites pending confirmation.
Team has discussed looking at logs or view dns entries to confirm there is nothing else talking to AM3.
Confirmation make take a few more weeks.
Once confirmed, request to decommission AM3 will be requested. This will mark the end of the project.

Team is aware of the next two projects and has been requested to start some preliminary discovery to determine scope for the charters.

"Site Redundancy Project" = Update all sites to be redundant across Lincoln and Omaha.

"AM4 to NetScaler Project" = Continuation of moving all site to the NetScaler environment.

Upcoming Activities

Pending sites completion.
Log/DNS verification.
AM3 decommision

Issues by Priority
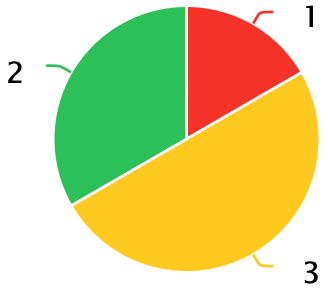
Risks by Priority

Current Risks

More Risks...

Risk	Probability	Impact	Priority	Status	Target Resolution	Owner
NetScaler Support	❌	❌	❌	Work in Progress	4/23/18	Nelson, Ben
Netscaler compatibility to replace Access Manager	⚠️	⚠️	⚠️	Open	2/19/16	Nelson, Ben
Authentication software choices	❌	❌	⚠️	Open	2/19/16	Nelson, Ben

To: NITC Commissioners
From: John Watermolen GIS Coordinator and GIS Council
Subject: Update on the great and wonderful activities or future activities that state agencies are doing with GIS

NITC Commission Action Item: Approval of Imagery Standard Addendum. The GIS Council approved an addendum to the Imagery standard to identify standards for Imagery that is purchased as a subscription instead of a custom imagery collection.

GIS Council Activities: Revisiting the Elevations Standards and business plan to see what changes will need to be made since we do have statewide LiDAR coverage and the information for the next phase of the 3D Nation endeavors by the USGS.

State Agencies: We had a meeting with ESRI and help layout some goals for the state for 2019. During the meeting, the agencies that participated shared the projects that they are working on that is utilizing GIS and would like to share with the commissioners. Towards the end of this document, I explain how other agencies are utilizing or planning on utilizing GIS that weren't at the meeting. I will touch base on some of the issues neighboring states are addressing and how local governments are implementing GIS applications and data, which came from the most recent GIS Council meeting and phone calls.

Some general trends identified from the ESRI meeting for state agencies and even local government- utilize more dashboards for decision support, field collection of data and the use of story maps to communicate agency activities

OCIO

- Production environment is up and running yet isn't officially released until the next version to address a known issue.
- Worked with ESRI on how to configure the passive servers and the scripts, so we can keep our active and passive servers in synch
- Worked with ESRI on several other technical issues that we have encountered getting our production environment up and running
- Discussions with several teams within OCIO to see if GIS can be helpful with project tracking, network traffic and asset management and continued ECM joint projects
- Working on developing an application showing school district boundaries and ESU boundaries
- Training opportunities of OCIO and agency staff utilizing EEAP
- Support opportunities for OCIO and agencies using the EEAP
- Continue to populate the updated NebraskaMap site to get ready to roll out at the Nebraska GIS/LIS Symposium April 23rd.
- There has been several bills that have GIS or mapping mentioned in them or where GIS could be used to help with the bill. Some of the bills are 261, 549, 591 and 657

DOT
- Conversion from Geomedia users over to Esri
- Field Mobility
    - Pilot project this spring for environmental group wetlands and section 106 for historic properties- work on collaboration with Game and Parks and History Nebraska

- LRS (linear reference system) understanding and possibly use Roads and Highways (an ESRI product)
- Snowplow tracking application
- Lincoln South Beltway Right of way application, Legislature District for the communications group
- Many internal applications being developed
- Internal training
- Create 6 web applications by the end of September

State Patrol
- Getting them to use Web Applications
  - DDACTS (Data-Driven Approaches to Crime and Traffic Safety) analysis – Crime decision making based on traffic and crime
  - Drug interdictions
- Dashboard – crash data, and citations
- Incorporate traffic counts and citations
- Hot routes – allocate point data to linear segments to constrain a heat map
- Use cell tower mapping tool

DNR
- Field Mobility – Short term – Pump Checks and Dams, developing several others
- Long Term – Use GIS Dashboards for Decision Support throughout the agency
- Dashboards being used in Dam Safety division
  - Bringing Radar, precipitation, stream gauges, NOAA warnings, etc. all in 1 location
- Creating new Web Apps and maintaining or migrating public facing applications to new environment
- Tying information from many systems together
  - Backend Data Management
  - Make Developers become fluent with GIS
- Show features near me (all the dams within 5 miles of me)
- FEMA floodplain projects-mapping
- Surface water dashboard/decision support system
- Synching GIS data with field offices-find an easier process

Game and Parks
- Field Apps
- Open fields and waters – survey 123 (a lot of use)
- Contract creation
  - Hunter and Fishing Native Apps that work offline
  - Apps to Helps people find trails
- Could be used for fishing spots
- Currently have many public web mapping applications and public data

PSC and Next Generation 911
- Just getting started

- Broadband speeds and work with the rural broadband task force
- Need to make commissioners more aware of what is available
- NextGen 911
  - Need some sort of field collector
  - Need training
  - Will do txt and cell tower testing, PSAPs
  - Will need to design forms etc.
  - Data creation, editing and QA/QC

Health and Human Services
- Car crash data-Story maps
- Bicycle and Pedestrian crash data applications
- Web apps and field collection applications, showing where people are impacted

Emergency Management
- Have a new incident logging system. Use internally first, then push out to other state agencies. Started with University Med Center, piggybacking off of their system (has a med and incident command center). Called Knowledge Center – uses Esri mapping http://knowledge-center.com/ and we need to see what mapping functions knowledge center has and how ESRI products could supplement
- Several web applications (public and internal)

Other state agency needs that were not present as ESRI EEAP meeting
- Liquor Commission - Liquor tax zones if 591 gets passed and possible other uses such as mapping licenses and having schools and churches as layers to visualize the locations
- Secretary of State- Elections, voter registration system- Nebraska a Pilot State for GeoElections project to help create best management practices for utilizing GIS with election management
- Board of Education Land Funds- Web application for their staff to help manage information on BELF lands. This has been very beneficial and the staff is liking it.
- State Surveyor- They are the lead with the Public Land Survey System and getting all survey data control points into a PLSS fabric. OCIO is coordinating efforts with the State Surveyor to get State Records Board funding in order to get better surveys, which will create more accurate parcel data and voting precinct boundaries along with other administrative boundaries in counties. Buffalo County is the pilot project.
- University of Nebraska- Working with the Conservation and Survey Division, they are doing data processing-mosaicking county data into a statewide data set and we will be hosting the data
- Department of Education – continuing to update the information in the Step Up to Quality Story Map/Web application
- Rural Broadband Task force using an Operation Dashboard
- DEQ – field collection – survey 123 and bar code scanners possibly integrate with their surface water activities program. There are many other opportunities that can be used at DEQ
- History Nebraska- hosting data and helping with some web applications or field collection applications
- Department of Revenue
  - Statewide parcel data refresh

- o Sales tax rate application and supporting tables for Streamline Sales Tax- Could lead to being a source of municipal boundaries and annexations, then share them with other state agencies
- Dept. of Ag – doesn't really have GIS, need to get them going
  - o Use OnBase – to show how to connect documents GIS
  - o Field Collection
- NRCS and USGS are working on updating the QL3 LiDAR data to QL2 LiDAR data
- Department of Education, GIS/LIS collaboration for 2019 Story Map competition for Middle and High school students

Neighboring states are working on similar issues such as LiDAR Data, State Parcels, Next Generation 911, consolidation or cloud usage

Several local governments are doing some amazing things with GIS to help their citizens
- o Assisting counties with ESU and school district boundaries request and how we are planning on building a web application for viewing of this data
- o Omaha
  - ▪ Citizen Reporting for potholes or other issues
  - ▪ Police using dashboards for various topics
- o Sarpy
  - ▪ Hosting LiDAR LAS tiles collected in urban area from 2016
  - ▪ Hosting DEM tiles collected in urban area from 2016
  - ▪ Hosting 1ft contour tiles collected in urban area from 2016
- o Lincoln/Lancaster County
  - ▪ Developing a snowplow tracking application

State of Nebraska
Nebraska Information Technology Commission
Technical Standards and Guidelines

Proposal 18-06
Final

A PROPOSAL relating to imagery standards; to amend section 3-204; and to repeal the original section.

Section 1. Section 3-204 is amended by adding the following addendum:

Addendum 1: License/Subscription Imagery Standards

A1.0 Description. NITC imagery standard to address any imagery licensing or commercial off-the-shelf (COTS) imagery subscription funded with state funds. Since the imagery is not a custom collection, it needs to be best available. The imagery needs to be high enough quality to be able to derive accurate street centerlines and address points (for example, to be able to digitize centerlines and address points on 12" imagery).

A2.0 Standards. For any imagery solution that is subscription based or licensed model, the vendor must meet the following specifications.

A2.1 Image resolution. Minimum standard of 12" or 30 cm.

A2.2 Horizontal accuracy. Provide the horizontal accuracy expressed as RMSEr or CE90 and CE95. Must document if the imagery meets NENA standards (draft or published). Must provide documentation on how the horizontal accuracy was determined.

A2.3 Environmental. Environmental specifications such as cloud cover and snow/ice, bit depth and sun angle, need to meet NITC imagery standard sections 1.2.1.1, 1.2.1.4, and 1.2.1.5 and be documented.

A2.4 Metadata. Provide metadata on the imagery collection. Metadata needs to follow the NITC metadata standards or at a minimum FGDC compliant metadata. Metadata should accompany individual tile sets.

A2.5 Projections. Define what the data project is. The most common for Nebraska is Web Mercator WGS84, Nebraska State Plane NAD 83 Feet or UTM NAD 83. Nebraska is covered by UTM Zones 13, 14 and 15. Most of the state is UTM 14. NITC imagery standard is reference in section 1.2.7.

A2.6 Datum. Define the datum used. The datum should meet the NITC imagery standard referenced in section 1.2.7

A3.0 Guidelines. The following are items to be considered for any contract or Request for Proposal (RFP) regarding subscription or licensed imagery.

A3.1 Accessing the imagery.

A3.1.1 Is the imagery available to be downloaded or streamed?

A3.1.2 If downloaded, what is the timeframe that the imagery can be downloaded or provided on hard drives and the format?

A3.1.3 If the imagery is streamed, what format will the REST service be? (For example, WMS, WTMS or other format.) Is the REST service tiled?

A3.1.4 Is a viewer also provided? If so, are there associated costs?

A3.1.5 Can the imagery be downloaded through the REST service?

A3.2 Cost, terms and restrictions of the license or subscription.

A3.2.1 Is there an option for a 4th band to achieve Color IR? If so, at what cost?

A3.2.2 Are there options for higher resolutions, such as 3", 6", 15cm, or other resolutions? If so, at what cost?

A3.2.3 What are licensing restrictions with the subscription? (For example, is the imagery available to state agencies, political subdivisions, and viewable to the public?) Can the imagery be used in mobile collection applications?

A3.2.4 What happens to the imagery and access to the imagery after the
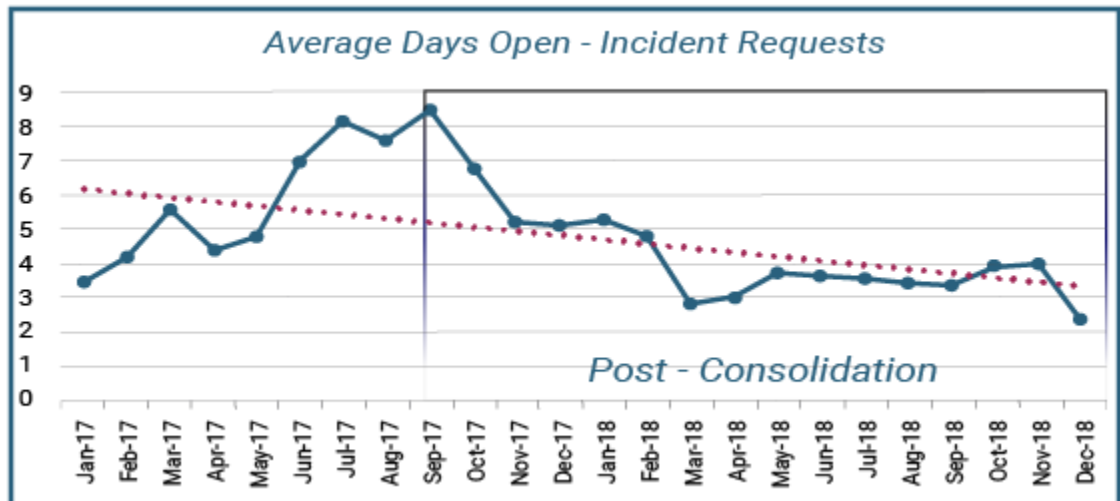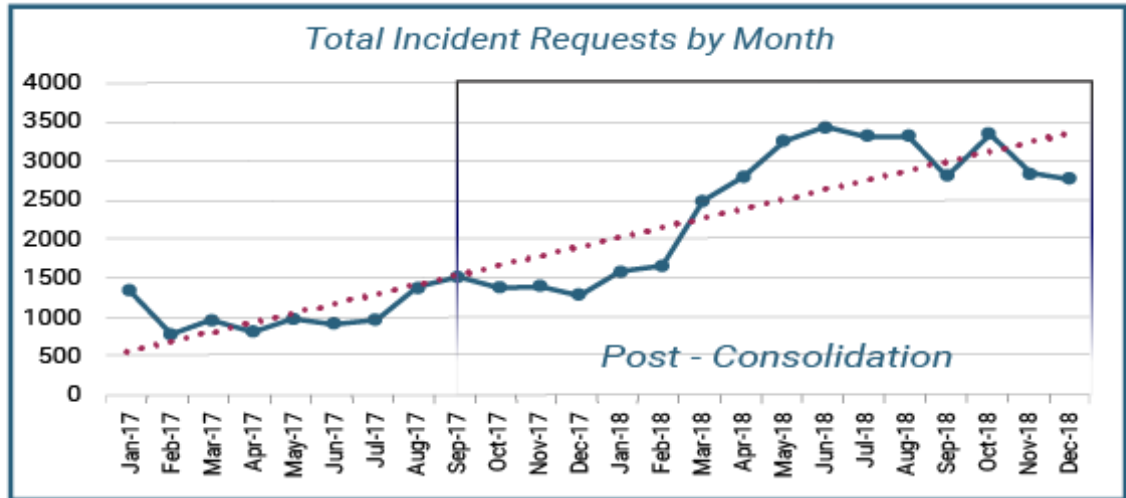
contract expires or is terminated?

A3.2.5 What happens to prior versions of imagery? (For example, may prior

versions be made available to the public for free?)

A3.2.6 Can the vendor provide an evaluations sample of the imagery of

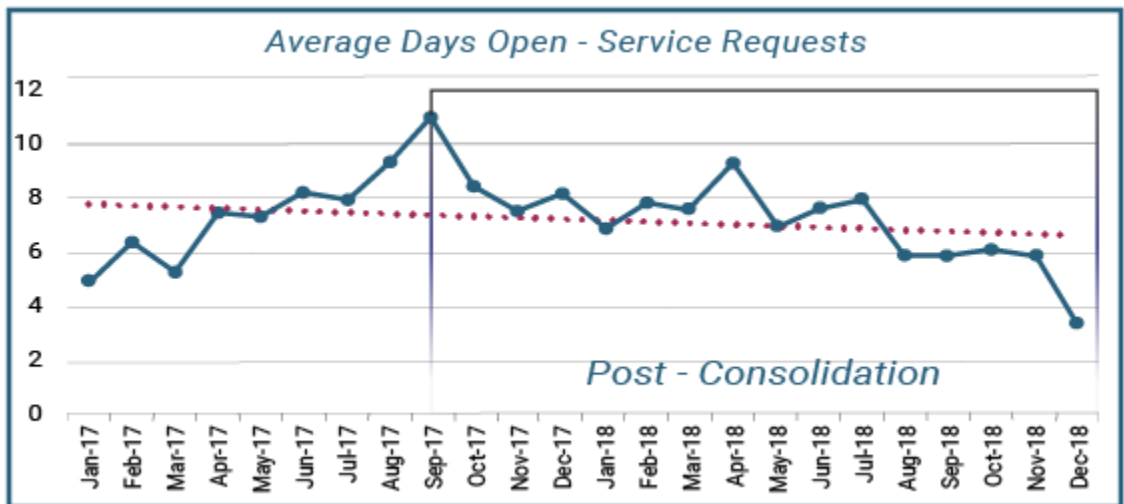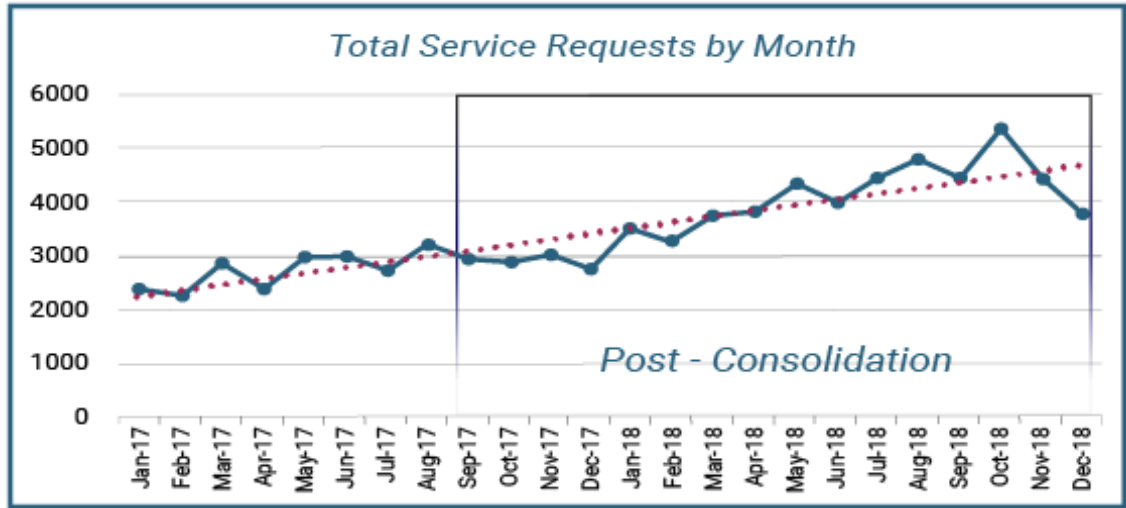Nebraska to review during an evaluation period?

Sec.2. Original section 3-204 is repealed.

Sec.3. This proposal takes effect when approved by the commission.

# Data Analytics – IT Consolidation

Total Incident Requests by Month

Post - Consolidation

Average Days Open - Incident Requests

Post - Consolidation

Data Analytics – IT Consolidation

Total Service Requests by Month


Average Days Open - Service Requests

Customer Survey - OCIO

## From this specific experience with the OCIO, how happy were you with the overall level of customer support?

	1 Very Dissatisfied	2 Dissatisfied	3 Neutral	4 Satisfied	5 Very Satisfied
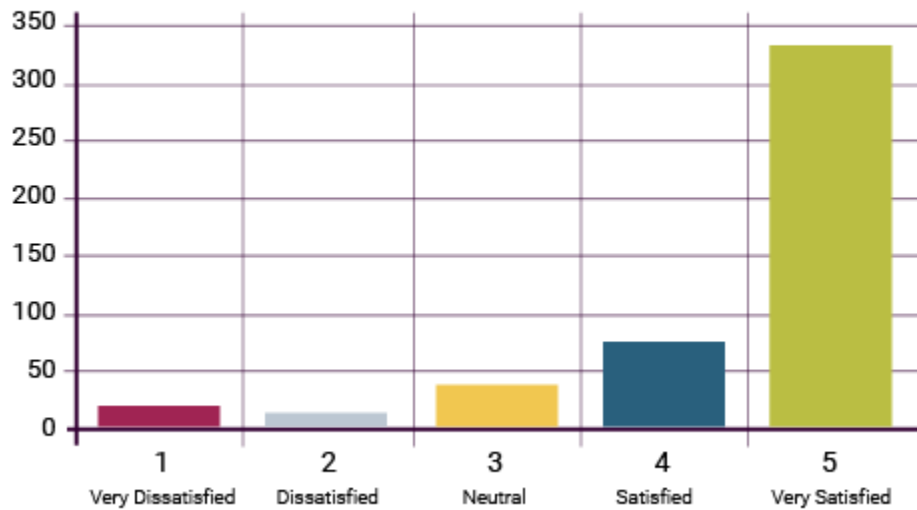
How would you rate your experience using the Service Portal to create, submit and manage your own request?

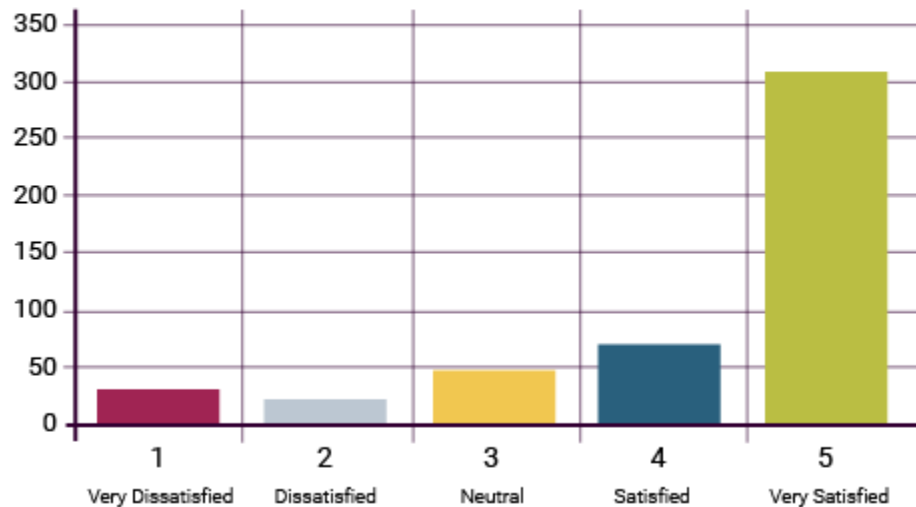|	1 Very Dissatisfied	2 Dissatisfied	3 Neutral	4 Satisfied	5 Very Satisfied
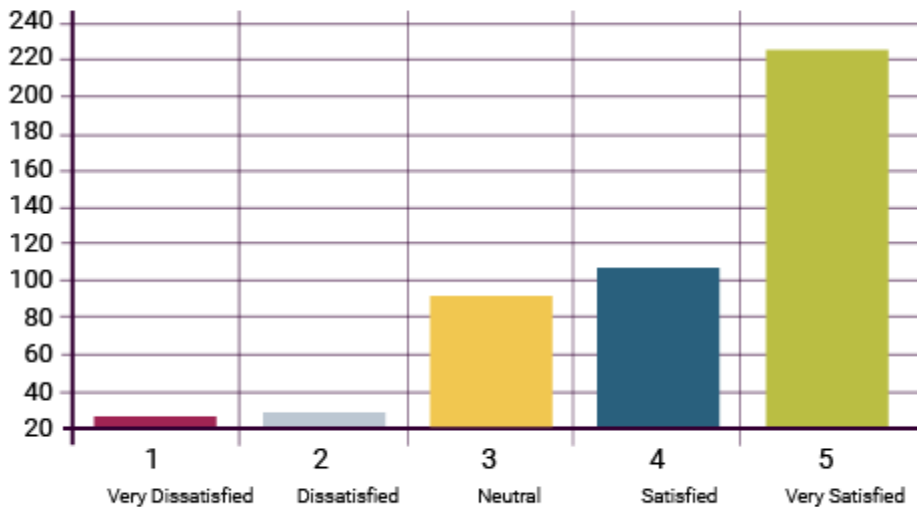
Customer Survey - OCIO

How would you rate the knowledge or ability of the OCIO staff to diagnose and resolve your problem?
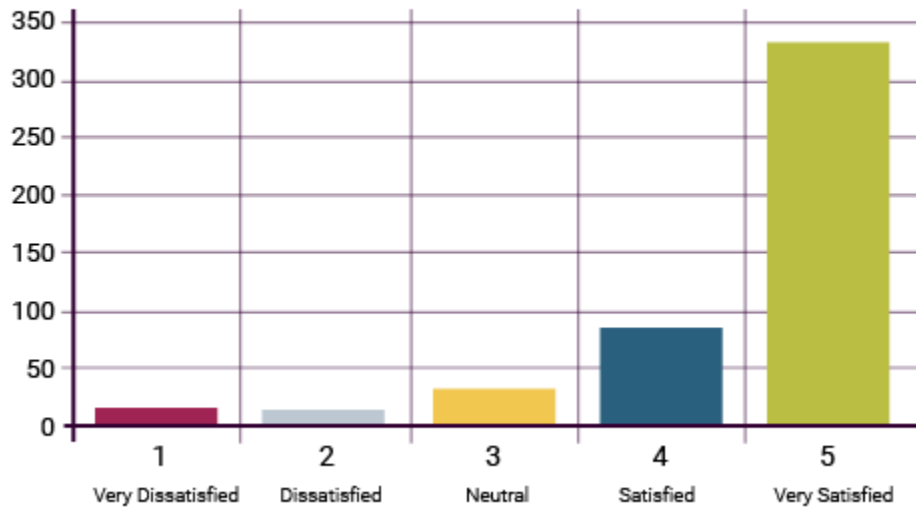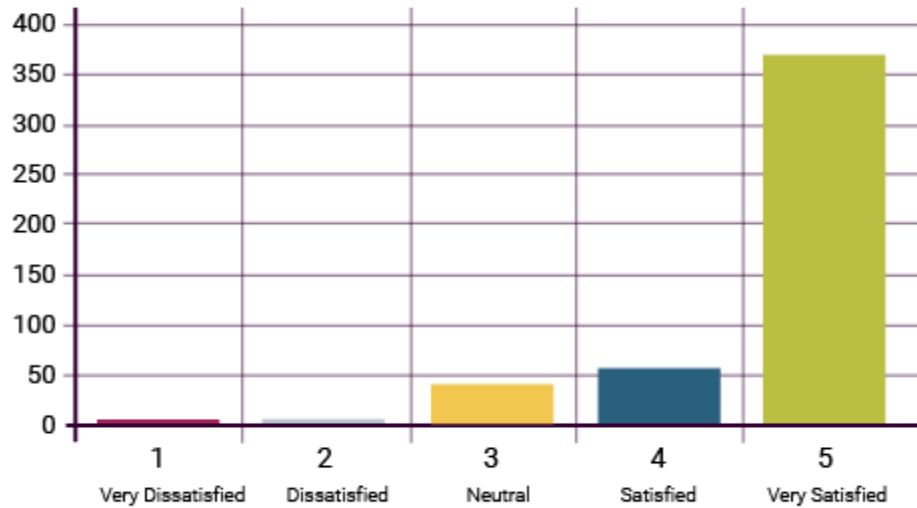

How would you rate the time it took to resolve your problem after it was reported to the OCIO?

Customer Survey - OCIO

How would you rate the professionalism of the OCIO staff?

	1	2	3	4	5
	Very Dissatisfied	Dissatisfied	Neutral	Satisfied	Very Satisfied

How would you rate your satisfaction with the solution provided?

	1	2	3	4	5
	Very Dissatisfied	Dissatisfied	Neutral	Satisfied	Very Satisfied