**AGENDA**
**TECHNICAL PANEL**
**Varner Hall - Board Room**
**3835 Holdrege Street**
**Lincoln, Nebraska**
**Tuesday, February 12, 2019**
**9:00 a.m.**

9:00 a.m.   1.   Roll call; meeting notice; Open Meetings Act information.

2.   **Approval of the October 30, 2018 meeting minutes.*** *(Attachment 2)*

9:05 a.m.   3.   Projects.
   a.   Nebraska State Accountability (NeSA) project update. Jeremy Heneger, Dept. of Education.
   b.   Enterprise project status dashboard. Andy Weekly. *(Attachment 3-b)*
   c.   **Fusion project; recommend closure as an enterprise project.***

9:45 a.m.   4.   Technical standards and guidelines.
   a.   **Proposal 18-06, amend GIS imagery standards; recommend approval.*** *(Attachment 4-a)*

9:50 a.m.   5.   **Election; Technical Panel chair for 2019.***

9:55 a.m.   6.   Work group updates; other business.

10:00 a.m.   7.   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.

Meeting notice was posted to the NITC website and the Nebraska Public Meeting Calendar on November 28, 2018. The agenda was posted to the NITC website on February 8, 2019.

Nebraska Open Meetings Act | Technical Panel Meeting Documents

Attachment 2

**TECHNICAL PANEL**
Tuesday, October 30, 2018
Varner Hall - Board Room
3835 Holdrege Street, Lincoln, Nebraska
**MINUTES**

**MEMBERS PRESENT:**
Kirk Langer, Chair, Lincoln Public Schools
Ed Toner, Chief Information Officer, State of Nebraska
Mike Winkle, Nebraska Education Telecommunications
Jeremy Sydik, University of Nebraska

**MEMBERS ABSENT:** Mark Askren, University of Nebraska

**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. The meeting notice was posted to the NITC website and the Nebraska Public Meeting Calendar on August 8, 2018. The meeting was reschedule and notice was posted on September 20, 2018. The agenda was posted to the NITC website on October 26, 2018. A copy of the Nebraska Open Meetings Act was posted on the wall of the meeting room.

**APPROVAL OF THE JUNE 12, 2018 MEETING MINUTES**

**Mr. Winkle moved to approve the June 12, 2018 minutes as presented. Roll call vote: Toner-Yes, Langer-Yes, Winkle-Yes and Sydik-Abstained. Results: Yes-3, No-0, Abstained-1. Motion carried.**

**PROJECTS; ENTERPRISE PROJECT STATUS DASHBOARD**

Mr. Weekly reviewed the enterprise project status report. The Department of Health and Human Services Medicaid Eligibility and Enrollment Systems project has changed status. DHHS leadership made a decision to pause the efforts undertaken by the EES Phase II Systems Integrator (SI) effective September 7, 2018. DHHS is now engaged in making an assessment of the quality, completeness, and level of effort remaining with project deliverables. The assessment and Wipro's response will inform the State as it considers next steps for the project. Other projects of concern to the panel were the Oracle Fusion and NRIN projects.

**TECHNICAL STANDARDS AND GUIDELINES**

**Recommendations to the commission on the following proposals:**

**Proposal 18-04, GIS standards for state agencies.**

John Watermolen, GIS Coordinator, introduced the proposal. The State Government Council and GIS Council have reviewed the proposal. No comments were received during the 30-day comment period.

**Mr. Winkle moved to recommend approval of Proposal 18-04. Roll call vote: Winkle-Yes, Sydik-Yes, Langer-Yes, and Toner-Yes. Results: Yes-4, No-0, Abstained-0. Motion carried.**

**Proposal 18-05, repeal section 5-102.**

Mr. Becker introduced the proposal. The proposal would repeal an obsolete provision.

**Mr. Winkle moved to recommend approval of Proposal 18-05. Roll call vote: Sydik-Yes, Langer-Yes, Toner-Yes and Winkle-Yes. Results: Yes-4, No-0, Abstained-0. Motion carried.**

**Post for 30-day comment period:**
**Proposal 18-06, amend GIS imagery standards.**

Mr. Watermolen introduced the proposal.

**Mr. Toner moved to post Proposal 18-06 for the 30-day comment period. Roll call vote: Langer-Yes, Toner-Yes, Winkle-Yes and Sydik-Yes. Results: Yes-4, No-0, Abstained-0. Motion carried.**

**Informational: Office of the CIO revisions to section 1-205**.

Members were provided with a copy of section 1-205 as revised by the Office of the CIO. No action is necessary by the Technical Panel.

**RECOMMENDATIONS TO THE COMMISSION ON PROJECT PROPOSALS FOR THE 2019-2021 BIENNIAL BUDGET**

The projects have been reviewed pursuant to the procedures set forth in section 1-202.

Submitting agencies were offered the opportunity to address the panel.

The Technical Panel reviewed each project, answering the following the questions:
- Question 1: Is the project technically feasible?
- Question 2: Is the proposed technology appropriate for the project?
- Question 3: Can the technical elements be accomplished within the proposed timeframe and budget?

| # | AGENCY / Project Title | Q1 | Q2 | Q3 | Comments |
|---|---|---|---|---|---|
| 09-01 | SECRETARY OF STATE / Election Equipment Replacement | Yes | Yes | Yes | |
| 35-01 | LIQUOR CONTROL COMMISSION / NLCC Licensing Software | Yes | Yes | Yes | |
| 47-01 | EDUCATIONAL TELECOMMUNICATIONS COMM / Radio Transmission Project | Yes | Yes | Yes | |
| 47-02 | EDUCATIONAL TELECOMMUNICATIONS COMM / KLNE Transmitter Replacement | Yes | Yes | Yes | |
| 47-04 | EDUCATIONAL TELECOMMUNICATIONS COMM / KXNE TV Transmitter Replacement | Yes | Yes | Yes | |
| 54-01 | STATE HISTORICAL SOCIETY / CRM Maintenance | Yes | Un-known | Un-known | Insufficient information to make a determination. |
| 54-02 | STATE HISTORICAL SOCIETY / Digital Preservation & Access Maintenance | Yes | Yes | Un-known | Insufficient information to make a determination. |
| 57-01 | OIL & GAS CONSERVATION COMM / RBDMS Upgrade | Yes | Yes | Yes | |
| 65-01 | DEPT OF ADMINISTRATIVE SERVICES / Budget software for fuzioN | Yes | Yes | Yes | |

**Mr. Winkle moved to approve the project reviews. Roll call vote: Toner-Yes, Langer-Yes, Winkle-Yes and Sydik-Yes. Results: Yes-4, No-0, Abstained-0. Motion carried. (Mr. Winkle abstained on projects 47-01, 47-02, and 47-04.)**

**WORK GROUP UPDATES; OTHER BUSINESS**

Mr. Sydik reported that he will soon begin work on updating the accessibility standards with the Accessibility Workgroup.

Mr. Winkle is retiring from NET. This will be his last meeting. Mr. Langer acknowledged and commended Mr. Winkle for serving on the Technical Panel since its inception. He was thanked for his expertise and dedication.

**ADJOURNMENT**

**Mr. Winkle moved to adjourn. All were in favor. Motion carried.**

The meeting was adjourned at 11:15 a.m.


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

# 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 |
|---|---|
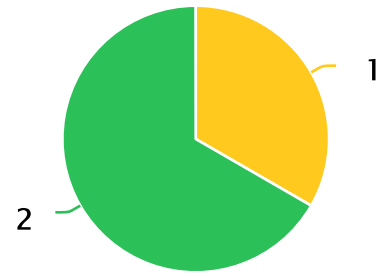


## Current Issues

| 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.
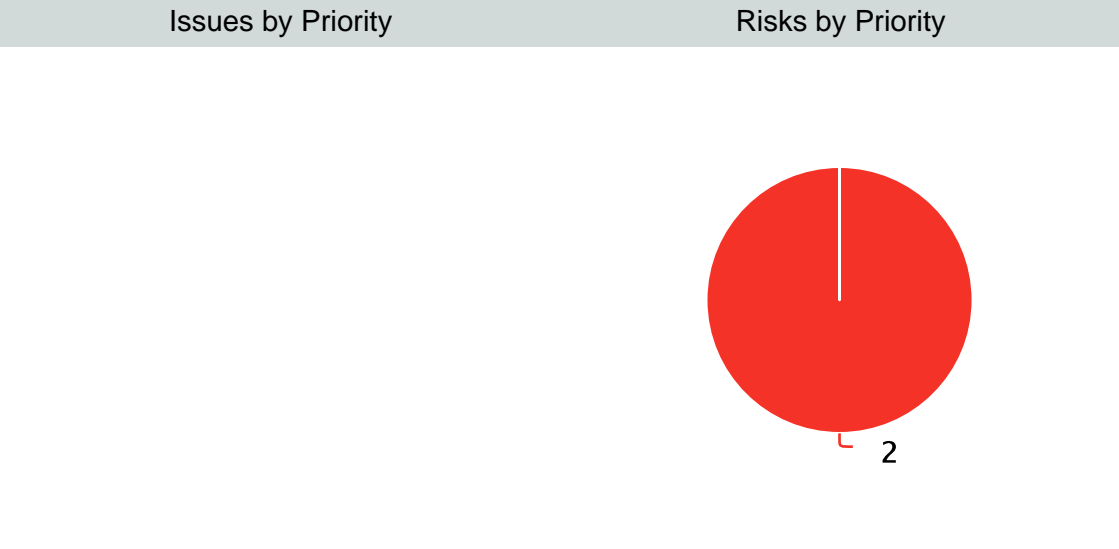
### Issues by Priority

### 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
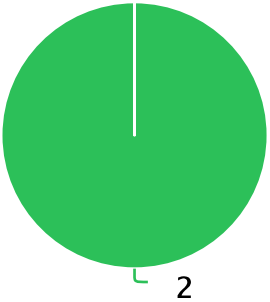
ACT
        April 2, 2019 (Paper)
        April 2 - April 11, 2019 (Online - Tues, Wed, Thurs Only)

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
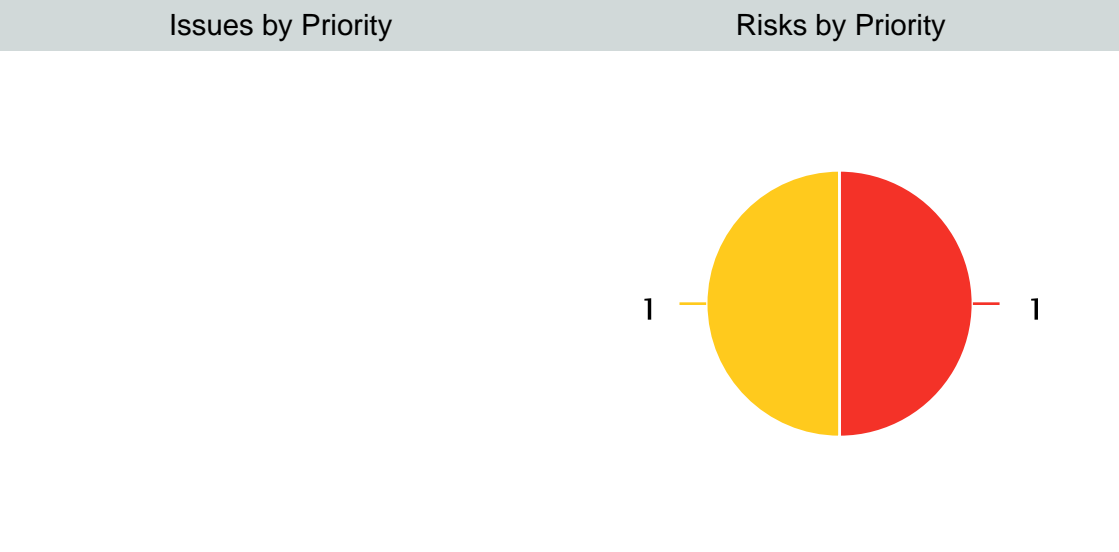
| Issues by Priority | Risks by Priority |
|---|---|



1   1

### 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
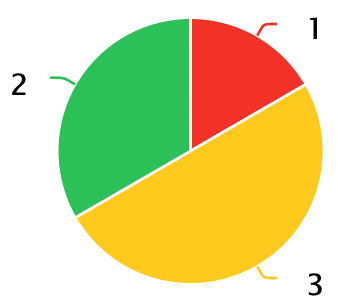
## Risks by Priority

## 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 |

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

**Proposal 18-06**

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.