

Report on the Status of Enterprise Projects

Prepared for the Governor and the
Appropriations Committee of the Legislature

October 1, 2013

Report on the Status of Enterprise Projects

Pursuant to statute, the Nebraska Information Technology Commission (“NITC”) is tasked with identifying and monitoring information technology related “enterprise projects.”¹ The NITC adopted an Enterprise Project policy that established the procedures used to designate certain information technology projects as enterprise projects and provided for the monitoring of these projects by the Technical Panel of the NITC.²

“Enterprise project” is defined as “an endeavor undertaken by an enterprise over a fixed period of time using information technology, which would have a significant effect on a core business function or which affects multiple government programs, agencies, or institutions....” NEB. REV. STAT. § 86-506. The NITC uses this definition and the criteria set forth in the Enterprise Project policy to designate projects.

The NITC has designated the following projects as enterprise projects:

	Agency/Entity	Project	Designated
1	DHHS	New Medicaid Management Information System (MMIS)	7/8/2009
2	Administrative Services	LINK – Procurement	7/8/2009
3	OCIO University of Nebraska NET	Network Nebraska Education – LB 1208	7/8/2009
4	OCIO	Nebraska Statewide Radio System (formerly Public Safety Wireless)	7/8/2009
5	Department of Education	Nebraska State Accountability (NeSA) (formerly Statewide Online Assessment)	7/8/2009
6	Nebraska State Patrol	Fusion Center	11/30/2009
7	Nebraska Council of Regions	Nebraska Regional Interoperability Network (NRIN)	3/15/2010
8	Workers Compensation Court	Adjudication Re-engineering	4/11/2012
9	Department of Education	District Dashboard	4/19/2013

Pursuant to the Enterprise Project policy, the agency/entity primarily responsible for the enterprise project must coordinate with the Technical Panel to provide periodic status reports. The Technical Panel has a regular agenda item at each of its monthly meetings to discuss the status of these projects. The Panel utilizes the status reports and in-person

¹ Neb. Rev. Stat. § 86-525 et seq.

² <http://nitc.ne.gov/standards/1-205.html>

meetings with project representatives to monitor the status of each project. At each quarterly NITC meeting, the Technical Panel provides an update to the NITC on the status of these projects.

STATUS REPORT

As of the date of this report, all of the enterprise projects currently reporting to the NITC are making satisfactory progress towards successful completion. Three projects (Adjudication Re-engineering (Phase 1A), District Dashboards and NeSIS PeopleSoft Campus Solutions (ADA Compliance)) are reporting potential and/or significant risks for reasons noted in the attachment. These risks are not deemed to be a critical threat to any of these projects.

Attachment A provides the current Enterprise Project Status Dashboard Report with summary information on the current status of each of the enterprise projects. More detailed project status information is available by contacting the Office of the CIO. The MMIS project is not currently providing a status report for the reason noted in the attachment. The LINK – Human Capital Management project was completed and closed since the last status report.

ATTACHMENT A
Nebraska Information Technology Commission
Enterprise Project Status Dashboard – as of September, 2013

Project: LINK – Procurement		Contact: Bo Botelho				
Start Date	01/14/2013	Orig. Completion Date	10/31/2013	Revised Completion Date	01/06/2014	
	September	July	June	May	April	February
Overall Status						
Schedule						
Budget						
Scope						
Project Estimate: \$1,895,800 (\$1,128,503.02 has been expended)						
Comments						
<p>September update: Currently in the new P.1 Tenant validating Business Process design and functionality.</p> <p>July update: No change from the last report. Initial kickoff was held 1/14/2013. Currently working on business processes in the design and architect stage.</p> <p>Additional Comments/Concerns: None</p>						

Project: Network Nebraska Education		Contact: Tom Rolfes				
Start Date	05/01/2006	Orig. Completion Date	06/30/2012	Revised Completion Date	07/01/2013	
	September	July	June	May	April	February
Overall Status						
Schedule						
Budget						
Scope						
Project Estimate: \$608,000 (\$519,164 has been expended)						
Comments						
<p>September update: As of September 1, 2013, the UNCSN staff successfully transferred approximately 70 WAN circuits between 7/1/2013 and 8/9/2013 as their telecom providers have changed. Commodity Internet projections for 2013-14 show a 95% increase in Internet demand for K-12. Backbone bandwidth capacity will be maxed out due to the limitations on the current contract with NebraskaLink. UNCSN network engineers are proceeding with planning and eventual implementation of the Internet2 Commercial Peering Service, Intrusion Prevention Services, and a dark fiber project to Grand Island/Kearney. The Network Nebraska Advisory Group (NNAG) and the Collaborative Aggregation Partnership (CAP) finalized the 2013-14 Participation Fee and Interregional Transport fee structures on June 12 and they were sent out to all Participants on or before July 19, 2013.</p> <p>July update: No report for July.</p> <p>June update: As of June 1, 2013, the Office of the CIO had received commitments from 5 public schools, 1 nonpublic school, and 1 private college that will be joining Network Nebraska on 7/1/2013. An additional 70 WAN circuits will need to be re-routed</p>						

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between 7/1/2013 and 8/2/2013 as their telecom providers have changed. Commodity Internet projections for 2013-14 show a 95% increase in Internet demand for K-12. Backbone bandwidth capacity will be maxed out due to the limitations on the current contract with NebraskaLink. UNCSN network engineers are proceeding with vendor and participant conference calls in anticipation of the summer 2013 upgrade. The Network Nebraska Advisory Group (NNAG) and the Collaborative Aggregation Partnership (CAP) are prepared to finalize the 2013-14 Participation Fee budget and monthly fees for Participants by the June 12 CAP meeting.

Additional Comments/Concerns:

The Network Nebraska-Education Participation Fee fund account received UNCSN's 4th quarter project invoice on 6/18/2013 and has processed it. Software Maintenance and UNCSN Travel have exceeded the Participation Fee budget for those line items. UNCSN's 1st quarter project invoice for 2013-14 should arrive in early October.

Project: Nebraska Statewide Radio System		Contact: Mike Jeffres				
(formerly Public Safety Wireless)						
Start Date	06/01/2009	Orig. Completion Date	09/30/2013	Revised Completion Date		
	September	July	June	May	April	February
Overall Status						
Schedule						
Budget						
Scope						
Project Estimate: \$11,038,000 (\$10,158,000 has been expended)						
Comments						
<p>September update: System checklist and final deliverables in process.</p> <p>July update: No report for July.</p> <p>Additional Comments/Concerns: System acceptance and project closeout in process.</p>						

Project: Fusion Center		Contact: Kevin Knorr				
Start Date	04/13/2010	Orig. Completion Date	06/11/2011	Revised Completion Date	07/15/2013	
	September	July	June	May	April	February
Overall Status						
Schedule						
Budget						
Scope						
Project Estimate: \$3,120,894.26 – actual costs to date						
Comments						
<p>September update: The project has been completed.</p>						

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June update:

The dual layer authentication is fixed and in final testing before we deploy our training. Memex is working very hard to install the final pieces for NCJIS. Anticipate it will be ready for testing by mid-July.

Project: Nebraska State Accountability (NeSA) – Year 2013-14 (formerly Statewide Online Assessment)		Contact: John Moon				
Start Date	07/01/2010	Orig. Completion Date	06/30/2011	Revised Completion Date	06/30/2014	
	September	July	June	May	April	February
Overall Status						
Schedule						
Budget						
Scope						
Project Estimate: \$5,212,085 (\$266,305.32 has been expended)						
Comments						
<p>September update: The timeline for 2013-2014 NeSA and Check4Learning was finalized by DRC (Data Recognition Corporation) and NDE (Nebraska Department of Education) in July 2013.</p> <p>DRC INSIGHT will be the computer-based test administration system for 2013-2014 writing, reading, math, and science assessments. Presentations by NDE and DRC were made at NDE’s Administrator Days on July 31, 2013 covering:</p> <ul style="list-style-type: none"> eDIRECT Enrollments grid options Difference between the JAVA and Web-based DRC INSIGHT test engines Secure browser web-based version and “public version” downloads of test engine Unlocking, regenerating, and invalidating student tests in INSIGHT Activating accommodations for DRC INSIGHT NeSA – Practice writing tests District Technology Visits <p>During late September and early October, NDE and DRC have scheduled technology visits for 10 districts to provide INSIGHT technical and test setup information to prepare for the transition from the previous online system.</p> <p>The 2013 Technical Report was posted to the Statewide Assessment Website on September 3, 2013.</p> <p>July update: NDE has completed the corrections review in June. NeSA district and school reports will be delivered on July 10th. Districts will review the reports for possible corrections and submit requests to NDE. Scores for reading, math, science, and writing will be presented in the State of the Schools Report.</p> <p>Board approved a contract with DRC to provide support services for the 2013-2014 assessment system. The new contract will start on July 1, 2013.</p> <p>Additional Comments/Concerns: Nebraska State Accountability (NeSA) is a statewide assessment system mandated by Nebraska Statute. Nebraska Department of Education has contracted with Data Recognition Corporation (DRC) to continue the development of the</p>						

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assessment system including management, development, delivery, administration, scanning/imaging, scoring, analysis, reporting, and standard setting for the online and pencil/paper reading, science, and mathematics tests for July 1, 2012 through June 30, 2013. DRC will facilitate the delivery, administration, scanning/imaging, scoring, analysis, and reporting for the alternate pencil/paper reading, science, and mathematics tests during the same assessment window. Online writing assessment will be added to the NeSA system in 2012 for grades 8 and 11.

Student data will be transferred from the Nebraska Student Staff Record System (NSSRS) to DRC's student data assessment system. The online subcontractor Computerized Assessments & Learning (CAL) for the online components of the assessment system will upload the student data from DRC. Schools will install CAL's software on local computers and software updates will be automatically uploaded when students log onto the assessment system. The student responses are cached on the local computer and sent to CAL. Each district has used CAL's school capacity process to evaluate online requirements for NeSA testing. The student responses for secure online assessments will be collected by CAL and transferred to DRC for analysis and reporting. During spring 2013, NDE is estimating that over 125,000 students will participate online in the Reading, Science, and Mathematics testing while about 40,000 students will complete the writing assessment online. Whereas the NeSA reading/science/math test window is from March 25 through May 3, 2013, the NeSA writing test window is January 21 through February 8, 2013. Test administrators will be able to monitor testing during the test window and review test results immediately after test administration (raw scores only). DRC's comprehensive corrections system will permit NDE to correct student records for duplicates, incorrect school assignment, etc during the month of May for writing and June for the reading, math, and science. Complete reporting of student results to districts, schools, and parents from DRC will be completed in August 2013 and reported in the State of the Schools Report in October 2013.

Project: Nebraska Regional Interoperability Network (NRIN)		Contact: Bob Wilhelm				
Start Date	10/01/2010	Orig. Completion Date	06/01/2013	Revised Completion Date	09/30/2013 9/30/2015	
	September	July	June	May	April	February
Overall Status						
Schedule						
Budget						
Scope						
Project Estimate: \$9,649,675 (\$6,155,324 has been expended as of August 29, 2013)						
Comments						
<p>The completion date was changed to September 30, 2015 (from September 30, 2013).</p> <p>NEMA is struggling with issues of governance and maintenance of the network. Governance would be needed at the local jurisdiction and not at the state agency (there is no state agency is heading the project, it's all run at the local jurisdiction). There is no formal governance heading the project.</p> <p>September update: Environmental reviews for identified sites in the northeast and southeast regions have been submitted and approved with none pending at this time although more are expected to be identified. NEMA identified other 2010 SHGP funds that were not being spent by some Regions before the grant period expired and those funds have been approved to use for this project which will lessen the demand for 2011 funds and future grant year dollars. Efforts continue in the Southeast, Northeast and South Central Regions to build new or move existing communications towers for use for this system. Funding timelines are problematic for this process due to the environmental review and bidding processes.</p> <p>July update: Project has moved into the Northeast and Southeast Regions for Environmental Reviews, site analysis and equipment purchases. The last of the 2010 SHGP funding dedicated to this project has been spent and we are now utilizing allocated funds from the 2011 SHGP grant. A portion of the system in the North Central Region is up, running and being monitored by</p>						

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both the contractor and the State OCIO through an agreement reached between the Region and the OCIO.

Additional Comments/Concerns:

It's possible that upcoming target dates might be missed. Based on the uncertainty of the infrastructure needed for the project and the time involved in obtaining the environmental approvals to proceed with the project, any target dates are fluid. In addition there has been a delay in completing, testing and accepting the Pilot Ring primarily due to the difficulty in locating adequate tower sites and negotiating leasing agreements and/or MOU's.

Project: MMIS		Contact:				
Start Date	N/A	Orig. Completion Date	N/A	Revised Completion Date	N/A	
	September	July	June	May	April	February
Overall Status						
Schedule						
Budget						
Scope						
Project Estimate:						
Comments						
Project On Hold until renewed						

Project: Adjudication Re-engineering (Phase 1A)		Contact: Randy Cecrle			
Start Date	09/01/2011	Orig. Completion Date	06/30/2012	Revised Completion Date	01/31/2014 10/31/2014
	September	July	June	May	April February
Overall Status					
Schedule					
Budget					
Scope					
Project Estimate: \$6,800 (staff salaries are tracked internally and not reported)					
Comments					
<p>September update: The finish date has been moved from January 31, 2014 to October 31, 2014. Upcoming target dates will be missed due the availability of Adjudication staff to complete their tasks by daily operational activities, the training of new staff to maintain daily operations and the mandatory conversion of Adjudication procedures from Lotus Notes in June, 2014. The issues identified have been reviewed and analyzed by the project team against the project schedule and the impact of the schedule has been reviewed with management.</p> <p>The third cycle of internal user acceptance testing and IT fixes identified in the testing are completed.</p> <p>-----Project Description Adjudication Re-engineering is a multi-phase project that will span a number of years to incorporate e-filing, electronic docket files, public web access to docket status, e-documents creation and judges e-signing of decisions and orders, and other performance improvement changes.</p>					

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Project 1a - Release of Liability E-Filing is focusing on the development of one pleading type to complete the full end-to-end set of e-filing functions and limited changes to Clerks Review to process the submitted e-documents in the same manner as performed today with paper.

Project 1b - Semi-automated Docket / RFJA Setup, Electronic Docket File, and possibly Centralized Scanning will follow up immediately after 1a is completed. A rough time frame for completion is first half of calendar year 2013.

Because of the tight integration of judicial data and functions with non-judicial data and functions, (such as Vocational Rehabilitation), WCC systems, including e-filing, are separate from the rest of the courts in the state.

Because of the court's limited jurisdiction, our e-filing system is being designed to provide web-based drafting of pleading documents by outside attorneys, which utilize internal WCC electronic docket information. PDFs are generated for printing and "wet signatures" and the submittal with the "/s/" signature format as is the current rule and practice by the other courts in the state.

Future projects will focus on adding the remainder of the pleading types to e-filing.

Other adjudication functions to be addressed following Project 2 include:

- Scheduling and Calendar management,
- Public access to case status and case documents,
- Judge's Decisions and Orders management,
- Automated notification to other sections of the court of court case changes,
- Electronic transmission of documents to the Court of Appeals,
- Electronic Exhibit management.

There has not been any identification of additional out-of-pocket costs following Project 2, other than the knowledge that electronic storage costs will grow as more e-documents are added to the Electronic Docket Files.

June update:

The completion date was changed from September 30, 2013 to January 31, 2014. A third round of user acceptance testing begins the first week of June.

Project: District Dashboards		Contact: Dean Folkers					
Start Date	07/01/2013	Orig. Completion Date	06/30/2015	Revised Completion Date			
	September	July	June	May	April	February	
Overall Status							
Schedule							
Budget							
Scope							
Project Estimate: \$213,518 (\$173,348.28 has been expended, grant funds only)							
Comments							
<p>September update: Dashboard design team efforts to collect insights on the questions to be addressed have been completed. Results from the statewide information gathering efforts have been recorded and are being shared with Pilot districts. On August 21, 2013 NDE hosted representatives from Double Line Partners to provide an in-depth discussion of development and implementation of the Ed-Fi dashboard in Nebraska. Joining NDE were representatives from the ESUCC and Network Nebraska. NDE held an introductory webinar for Pilot School Districts and other partners on August 30, 2013. At this meeting, a revised project timeline and expectations were reviewed. The Ed-Fi base dashboard solution was demonstrated. Districts were asked to re-view the webinar with key local stakeholders, test the Ed-Fi base dashboard solution using</p>							

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connection information provided to districts, and contact NDE by September 13, 2013 to reaffirm their intent to commit to the pilot process. NDE is working with representatives from the University of Nebraska's In Common identity management process (Bret Bieber), along with ESUCC staff promoting similar efforts at the secondary education level (Scott Isaacson) to align efforts with dashboard requirements. NDE has met with and is working on an agreement for services relative to the hardware/software requirements of making the Ed-Fi dashboard a reality with the ESUCC and Network Nebraska. On August 27, 2013 NDE produced a completed draft version of Data Literacies, Concepts, and Indicators to serve as the base from which training materials will be developed for data analysis in school districts. Development of the Research and Evaluation division of NDE continues with collaborations with UNL and other Non-profit stakeholder organizations. An SLDS website has been developed, is currently live, and is being populated with relevant SLDS-related information.

July update:

It's possible that upcoming target dates could be missed. May need a no-cost extension due to late start on projects.

Dashboard pilot district applications have been received from 15 districts. Eight reviewers are currently reading and rating the applications. Finalists are expected to be determined by the end of July. Contracts will then be written for the September board meeting. The 24 members of the Design Team have submitted their Top 10 data needs and Top 10 questions to be answered by the dashboard. The responses are being collated and will be analyzed to identify the priorities for Nebraska. The Policy Advisory Committee met on June 26 and was apprised of progress to date. NDE has downloaded the source code and sample dashboards from Ed-Fi. The State Board has approved the purchase of 6 additional servers. NDE has begun discussions with OCIO about housing the dashboard on Network Nebraska.

Additional Comments/Concerns:

None

The project(s) listed below are reporting voluntarily and is not considered as an Enterprise Project by the NITC.

Project: NeSIS PeopleSoft Campus Solutions		Contact: Jim Zemke				
ADA Compliance						
Start Date	08/01/2010	Orig. Completion Date	12/31/2011	Revised Completion Date	12/31/2013 09/01/2014	
	September	July	June	May	April	February
Overall Status	●	●	●	●	●	●
Schedule	●	●	●	●	●	●
Budget	●	●	●	●	●	●
Scope	●	●	●	●	●	●
Project Estimate: TBD						
Comments						
<p>September update: The finish date has been moved from December 31, 2013 to September 31, 2014. Until the full extent of modifications required to meet the University's ADA compliance goals is determined it is difficult to predict if upcoming target dates will be missed.</p> <p>Work in progress to establish a clearly defined UN institutional position concerning "reasonable accommodation", evaluate the current ADA compliance level of our SIS system, and develop a strategy and plan to address any compliance issues. Additional staff has been added to the NeSIS project team recently and will assist in this effort. Compliance testing against the base Campus Solutions system will be completed first. Then we will begin evaluation of the additional applications related to SIS processing (e.g. the campus SIS portals, the Online Admissions application, etc.) that we have implemented. Required modifications will then be reviewed and prioritized and implemented as quickly as possible.</p>						

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June update:





Work in progress to develop a plan to establish a clearly defined UN institutional position concerning “reasonable accommodation”, evaluate current ADA compliance level of our SIS system, and develop a strategy to address any compliance issues.

Additional Comments/Concerns:

The vendor has certified the Campus Solutions student information system was ADA compliant. However, subsequent analysis indicates that some accessibility issues do exist and the level of compliance provided may not be adequate. Also, additional functionality beyond that included in the base Campus Solutions system has also been implemented and those functional components will also have to be evaluated.

Project: AFIS Upgrade	Contact: Anthony Loth					
Start Date	6/01/2013	Orig. Completion Date	TBD	Revised Completion Date	--	
	September	July	June	May	April	February
Overall Status						
Schedule						
Budget						
Scope						
Project Estimate: \$750,000 (\$150,000 has been expended)						
Comments						
<p>September update: This project continues to progress smoothly. The Requirements Definition and the Site Preparation Survey documents have both been approved and MorphoTrak has provided NSP with the first draft of the Acceptance Testing Plan for review. We are scheduled to begin bi-weekly progress meetings with the MorphoTrak and NSP upgrade teams on September 4. MorphoTrak received the hardware for the upgrade on 8/23/13, 13 days ahead of schedule. MorphoTrak has cloned the NSP system at their Anaheim location to aid in the project work.</p> <p>July update: The final AFIS Upgrade contract was signed by Colonel Sankey on behalf of NSP and returned to Morphotrak on June 12. Morphotrak will have draft of requirements for our review on July 8. Following finalization of the requirements, Morphotrak will draft an implementation plan and a working schedule to guide us through the project.</p> <p>In addition, Morphotrak is in the process of putting in place a patch to stabilize the system and adding additional storage to allow the system to fully function during the upgrade process. This is scheduled to be implemented on July 5.</p> <p>Additional Comments/Concerns: None</p>						

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Enterprise Project Status Dashboard – as of September, 2013

Color Legend		
	Red	Project has significant risk to baseline cost, schedule, or project deliverables. Current status requires immediate escalation and management involvement. Probable that item will NOT meet dates with acceptable quality without changes to schedule, resources, and/or scope.
	Yellow	Project has a current or potential risk to baseline cost, schedule, or project deliverables. Project Manager will manage risks based on risk mitigation planning. Good probability item will meet dates and acceptable quality. Schedule, resource, or scope changes may be needed.
	Green	Project has no significant risk to baseline cost, schedule, or project deliverables. Strong probability project will meet dates and acceptable quality.
	Gray	No report for the reporting period or the project has not yet been activated.