

Technology Committee Meeting
Tuesday, November 15, 2016 10:00 AM
Technology Committee Meeting Educational
Service Unit No. 3 6949 So. 110th Street
LaVista, NE 68128 DL via Zoom: 1, 3, 6, 7, 9,
10, 13, 18
6949 South 110th Street
LaVista, NE 68128

1. Call to Order
2. Roll call
3. Agenda Item
Chair of Committee
 - 3.1. NITC
Committee Chair - TeDurk
 - 3.2. Tech Plan
Committee Chair - Deturk
 - 3.2.1. ADVISER Update
Scott Isaacson
 - 3.2.2. Single Sign On Update
Committee Chair - Deturk
 - 3.2.3. Storage Area Network (SAN) Update
 - 3.2.4. Backup System Update
 - 3.2.5. K12 Federation Update
 - 3.2.6. Tech Plan Update
 - 3.3. NOC Training/Meeting November 9/10
Committee Chair - TeDurk
 - 3.3.1. Approval of NOC request
Committee Chair - TeDurk
 - 3.3.2. NOC - New Horizons Update
Committee Chair - TeDurk
 - 3.3.3. NOC By-Laws
Committee Chair - TeDurk
 - 3.3.4. OCIO Contract Privity
 - 3.4. BlendEd/Distance Education Procedural Manual - Review/Edit
Committee Chair - TeDurk

3.5. Learn360 Contract/TLT
Committee Chair - TeDurk

3.6. Staff Reports

Chair of Committee

3.6.1. Scott Isaacson
Scott Isaacson

3.6.2. Beth Kabes
Beth Kabes

3.6.3. Rhonda Eis
Rhonda Eis

4. Next Meeting Agenda Items

5. Executive Session

6. Adjournment

Technology Committee Update

Scott Isaacson

November 15, 2016

Statewide Technology Plan

ADVISER Ed-Fi Dashboard

Regular bi-weekly online meetings for the Early Adopter Program (EAP) districts, production districts and Virtual Support Team (VST) are scheduled. EAP II districts have begun connecting to the ADVISER operational data store (ODS). The team has scheduled a face-to-face installation and training bootcamp for December 1st and 2nd in Lincoln at NDE. I would like to know more about what districts are doing after their data is available in ADVISER, such as rollout plans and experiences with end-users once the application is available to them. 42 districts have currently requested and received secrets and keys, which allow them to publish data into the ADVISER data store.

Multi-State Collaboration (K12 Federation)

The group is developing strategy for grant proposal(s) for next phase funding and long-term strategy for self-sustainability. Alliances have been formed with the IMS Global standards organization and an agreement is in pending with another, Access4Learning.

Single Sign-On (SSO) and App Launch Portal

Fifty-three districts and ESUs are live in the production single sign-on framework and we are working through some discovered technical problems to roll out the production app launch portal. Andy Boell (NANC), Craig Hicks (ESU 13), Adam Zheng and Ron Cone (ESU 10) are all working with us on rolling out and improving these systems. A proposal is on the agenda for today's meeting to plan and distribute the role of the central identity provider system so that ESU VST members will manage the SSO connections for their districts.

Nebraska Cloud Infrastructure Support

The purpose of this effort is to seek the best way of providing statewide technology services through balancing efficiency, cost effectiveness, data protection, support and staffing. The more school districts and ESUs approach these needs together, the more we will all be able to improve service and reduce costs. The level cost of the current ESUCC hosting infrastructure, factoring in staffing, hardware, software, data center, and backup systems, appears to be approximately \$1,200 annually per virtual machine being hosted. I will next analyze different hosting models from the same perspectives, as well as the weaknesses in our current hosting model. The analysis will aid discussion of options with leaders and stakeholders and in setting a direction when future investments are needed.

Server Hardware Operations

The SAN has not encountered any failures since being installed and I consider it to be production-ready.

Backup Service

The hardware for the backup system has arrived and will be installed this week. A specialist from Eagle technologies will be working with me on Thursday and Friday to configure it and begin backups.

LMS

All accounts in the ANGEL system were deactivated and we are working with a small number of users who are retrieving their content as they transition to another system. One district did not move to another system before the change and are in process of making that transition now. Four districts had not moved from our test Blackboard Learn instance into the cloud-hosted Blackboard platform and are now in the process of planning that move. We have a proposal from Blackboard for these 5 districts using this school year as a transition year and migrating them to a full LMS contract for next year.

SRS

We expect the Zend framework conversion work to be completed in November. It will then be tested during December for implementation over the Christmas break. Also during December, the team will be addressing some user-reported fixes and enhancements that have been deferred during the Zend conversion. After those high-priority items are completed, we will begin the next phase of upgrades, including optimizing the database to improve the performance and maintainability of the application and migrating to the most current Zend framework version, planned to be completed and in production during the summer of 2017.



Committee Report

PROJECT NAME: BlendEd and Distance Ed

PROJECT DIRECTOR: Beth Kabes

REPORT PERIOD: November, 2016

COMMITTEE REPORT:

BlendEd Committee continues to meet Friday morning at 9 a.m. over zoom. Discussion items include since October:

[November 4, 2016 - BlendEd Pilot visits, NROC/EdReady](#)

[October 21, 2016 - LOR, VFT, NETA Presentation,](#)

[October 14, 2016 - Blended Summit, BlendEd Pilot Planning, LOR, NAG Presentation, Fall Ed Tech Eval, NETA Proposal](#)

BlendEd Pilot:

- District that I have visited in October include: South Sioux City, and Tri-County. In November so far: Litchfield, Broken Bow and Bancroft-Rosalie. I have visited a total of 14 (of 25 remaining districts/schools).
- All visits have been accompanied by ESU blended coaches
- Requested of pilot lighthouse teachers to submit a poster session for NETA.

Promotion and Professional Development of BlendEd

- Blended Co-Chairs (Linda Dickeson, Craig Hicks and myself) attended and presented at iNACOL in San Antonio. Approximately 20 attended our session. Have not received evaluations to date.
- Presented at NAMLE on October 15 on Creating a Blended Learning Space where I had 20+ attending.
- Presented at ESU9 Teaching and Learning Conference on October 24 on Creating a Blended Learning Space.
- Was the workshop leader for an all-day session at ESU7 on BlendEd Learning. Present were 17 teachers from ESU7 area. Would like to promote something similar if any ESU is interested.

- Blended Co-Chairs Craig Hicks and myself will be presenting the same information at AESA on December 2. I will be attending and presenting to NAMTC (AESA Pre-Conference) as well.
- SDA has requested a time during their January meeting to review and discuss progress of the BlendEd Initiative
- Met with Ryan Foor on November 8 to review and give feedback for CBE training in September. Discussed to possible dates to review and discuss BlendEd Initiative with NDE staff

TLT – Distance Education REPORT:

- Molly Aschoff and myself presented at NSLA (School Librarians) on Virtual Field Trips
- In conjunction with NDLA, DEAC is sponsoring a Virtual Field Trip Providers workshop at Lincoln Public Schools Administration Building on November 8. 30+ content providers from NE attended with ESU staff providing the leadership and support for the day.
- Distance Education committee (as part of Emerging Technologies Focus Group of TLT) will meet on November 15. This date was requested by the ESU distance learning staff.

TLT – Resources

- NROC/EdReady
Metro Community College is looking to use EdReady to pilot with incoming Freshmen.

OLD BUSINESS:

NVIS –

Meeting with TLT – Distance Education Sub-Committee on November 15 to finalized the NVIS needs.

BlendEd

The Advisory continues to meet on Friday morning at 9 a.m. CT
Blended Pilot is progressing

NROC/EdReady

See above

LOR Sub-Committee

Visited with Amazon Inspire group on November 4. Still working to refine their tool. There are no solutions for single-sign on or for searching for NE standards.

Discussed during breakout of the “Resources” focus group at TLT to continue the review and process of training.

Training will be asked to be included in development of online PD during November TLT training.

NEW BUSINESS:

BlendEd

- Presenting to AESA in Savannah in December.



PROJECT NAME: BlendEd Projects – Instructional Materials/Resources

PROJECT DIRECTOR: Rhonda Eis

REPORT PERIOD: November 2016

Teaching and Learning with Technology (TLT)

- TLT Resources Focus Group (MSA/IMat Projects) met on November 11 to discuss Learn360
 - Learn360 three-year price guarantee expires July 2018
 - Goal is to bring contract into the current fiscal year
 - MSA 2016-17 – Learn360 - 2017-18 contract
 - MSA 2017-18 - If the recommendation is to renew contract and secure another three-year price guarantee, we could have a two-month extension for July/August 2018
 - MSA 2018-19 - Learn360 subscription for 2018-2019 – start date September 2018
 - Currently, Learn360 offers the ability to host custom content at no additional charge and does have the option to search upon custom selected YouTube channels (unique feature)
 - Conversations have started to get a three-year price quote starting 2018 through 2021
 - Group identified that more focus is needed on increasing awareness of digital resources, rather than looking at other vendors at this time
 - Get Nebraska specific promotional materials from Learn360 for multiple audiences – administrators, teachers, students/parents
 - Create how to video for Learn360 – possibly at the upcoming training day
 - Train on how to access Learn360
 - Portal (when ready)
 - LMS Integration
 - Learn360 Chromebook App
- TLT will host a 2-day training on November 16 & 17 at ESU 3
 - November 16, 2016 – LMS Training with Shara Johnson [Link](#)
 - November 17, 2016 – Video Creation Tools - Utilize your LMS for Blended Learning, Flipped Learning or Flipped PD
- TLT Leadership Meetings
 - November 16, 2016 – after the training – 3:30 pm
 - December 14, 2016 – 1:30 - Discuss By-Laws for TLT