

ESUCC

Technology Committee Meeting

Tuesday, October 4, 2016, 10:00 AM

Technology Committee Meeting Country Inn and Suites 5353 North 27th Street Lincoln, NE
68521 NO DL Available, 6949 South 110th Street, LaVista, NE 68128

Attendance Taken at 10:02 AM.

Bell ESU 10:	Absent
Fisher ESU 04:	Absent
Jeff West (NE):	Present
Dr Kraig Lofquist:	Present
Shoemake ESU 06:	Absent
Uhing ESU 01:	Present
Ted DeTurk (ESU 02):	Present

1. Call to Order

2. Roll call

3. Agenda Item

3.1. Tech Plan

3.1.1. ADVISER Update

3.1.2. K-12 Federation Update

3.1.3. Single Sign On Update

3.1.4. Tech Plan Progress Update

3.2. Power School

3.3. TLT By-laws/Mission Statement

3.4. Resources

3.5. NOC Committee Budget Request

3.6. Staff Reports

3.6.1. Scott Isaacson

3.6.2. Beth Kabes

3.6.3. Rhonda Eis

4. Next Meeting Agenda Items

5. Executive Session

6. Adjournment

{{Name: Agenda Item Name}}

{{Discussion: Agenda Item Discussion}}

{{Comments: Agenda Item Comments}}

{{Actions: Agenda Item Actions}}

ESUCC: Progress Update

K12 Federation – Who is the K12 Federation?

K12 Organizations who serve K12 districts (Operators).

Collaborating to provide answers to K12 technology problems.

Working together, utilizing our strength in numbers.

- An operator may be an individual school district, regional providers, state agencies or collection of districts that provide technology services to K12 districts.
- An operator may be a trailblazer in one or more technology services they provide, including infrastructure, SaaS, professional development, reporting, purchasing, and the like.
- The founding operators of the K12 Federation includes an individual school district, one statewide agency, one regional state agency, and a school district cooperative. Each are autonomous and contributing to a common cause that benefits their respective missions.



Founding
Operators

ESUCC: *Progress Update*

K12 Federation – Mission and Vision

Mission

The mission of the K12 Federation is to bring together a community of interest and expertise to share ideas, resources and innovate for K12 by K12

Vision

The vision of the K12 Federation is to establish a community of operators whose shared knowledge, expertise and resources mitigate the cost, complexity and risk of implementing and supporting educational services such as, but not limited to, identity, rostering and access management systems in the emerging digital ecosystem.

ESUCC: *Progress Update*

K12 Federation – How it will work

- Operators come together around shared needs and vision
- Through MOUs and contracts, these operators share software assets, services, expertise, funds, projects, grant partnerships and other items of value
- Working together, groups of operators contribute development work, enhancements and new items of value to the community, multiplying the impact of the individual investments and enhancing software and other assets for everyone
- The K12 Federation story of collaboration and success will be communicated nationwide by team members through existing conferences and meetings.
- New members will enhance the community of collaboration
- The K12 Federation will be funded by membership fees, usage contributions based on value of shared assets, and at first, philanthropic contributions
- Self-sustainability is projected by 2019

ESUCC: *Progress Update*

K12 Federation – Shared Assets Examples

- Single Sign-On and Portal
 - IlliniCloud: Contributor
 - \$190,000 Value
 - Nebraska: Contributor and User
 - \$86,000 Value (NDE/ESUCC)
- SRS
 - Nebraska: Contributor
 - Approximate Value: \$2,000,000
 - IlliniCloud: User and Contributor (Research/Development)
 - Rogue Wave Software: Contributor (Zend Framework Holder)
- Coop Marketplace
 - Nebraska: Contributor
 - 20 plus years of Development
 - Approximate 5 year Value: \$600,000 (Software Contract)
- Ed-Fi Data Model
 - Nebraska and New York: Contributor
 - Nebraska Approximate Value: \$2,100,000
 - New York Approximate Value: ???

ESU Network Operations Committee (ESUNOC)

Purpose

(from [Nebraska Cloud Technology Plan](#)):

To deliver secure, reliable, unified, user-friendly and comprehensive systems in support of teaching and learning in Nebraska.

Agenda/Minutes

Thursday, September 15th, 2016

9:00 AM - 3:30 PM CST (working lunch@12:00 noon)

Host: ESU 3 La Vista (Thank you!) (Sarpy/Washington)

6949 S 110th St, La Vista, NE 68128

Join from PC, Mac, Linux, iOS or Android:

<https://zoom.us/j/880357775>

Join from iPhone one-tap (US Toll):

+16465588656,880357775# or +14086380968,880357775#

Join from Telephone:

Dial: +1 646 558 8656 (US Toll) or +1 408 638 0968 (US Toll)

Meeting ID: 880 357 775

Join from a H.323/SIP room system:

H.323: 162.255.37.11 (US West) or 162.255.36.11 (US East)

Meeting ID: 880 357 775

Join from SIP:

880357775@zoomcrc.com

CALL TO ORDER:

The meeting was called to order at: 9:05 AM CDT

Roll Call / Introductions

Members Present

ESU 1: Jim Hopkins

ESU 2: Dr. DeTurk, Corey Colvin

ESU 3: Mark Hansen

ESU 4: Dustin Buggi

ESU 5: Ryan McDowell

ESU 6:

ESU 7: Dan Ellsworth (DL)

ESU 8: Brent Pickrel

ESU 9: Gary Needham (DL)
ESU 10: Jordan Clark, Tom Wenzke; Ron Cone & Adam Zheng via Zoom
ESU 11: Alex Wyatt
ESU 13: Jim Copley via Zoom
ESU 15: Wally White
ESU 16: Chad DeWester via Zoom
ESU 17: Ben Anthony via Zoom
ESU 18 (LPS): Ben Wilson
ESU 19 (OPS):
ESUCC: Dave Ludwig, Scott Isaacson
NDE: SuAnn Witt
OCIO/NITC: Tom Rolfes
UNCSN: Ben Mientka
NNNC: Andy Boell
Other guests:

Elect Recorder:

Jordan Clark was nominated to replace Shane Gerhartz, who left ESU 15. He graciously accepted.

Review purpose and/or mission statement.
Review [Membership](#) list using link below update if needed.
Review [Nebraska Cloud Technology Plan](#).
Review [NOC Tech Planning Meeting](#).
Review [ESUCC_PDO Website Inventory](#).
Review [History of ESUNOC Chair](#)

APPROVAL OF AGENDA:

(If there is no objection, and reserving the flexibility rearrange the order of the agenda)

APPROVAL OF MINUTES: [2016-04-20_NO_C_Meeting_Minutes](#)

(If there is no objection)

REPORTS\DISCUSSIONS

Presenters can connect with Zoom and “share content” if they would like

ESUCC: (Dave Ludwig & Scott Isaacson)

[NDE/ESUCC MOU](#) Collaboration

[ADVISER](#) - Advance Data View Informing Student Educational Response
All Schools by 18-19 school session. [EAP](#)

[VST](#) - Virtual Support Team

NWEA: Statewide Assessment

RFP process for statewide assessment, NWEA may submit bid
Unclear of NOC role, but now is time for feedback.

Legislation: individual / group meetings

CBE

LOR

NROC pilot and scale up.

IdP - With the help of Unicon the IdP and uPortal are now distributed across multiple systems fronted by a load balancer.

SAN - Thinkmate using Supermicro hardware has been disaster, but good warranty

Backup - Eagle Technologies and Commvault have been selected to provide a backup solution for the ESUCC with the possibility of expanding the scope after the initial deployment is completed successfully.

ESUCC Anything requested of NOC?

List of priorities for communication and collaborative “ticket” system.

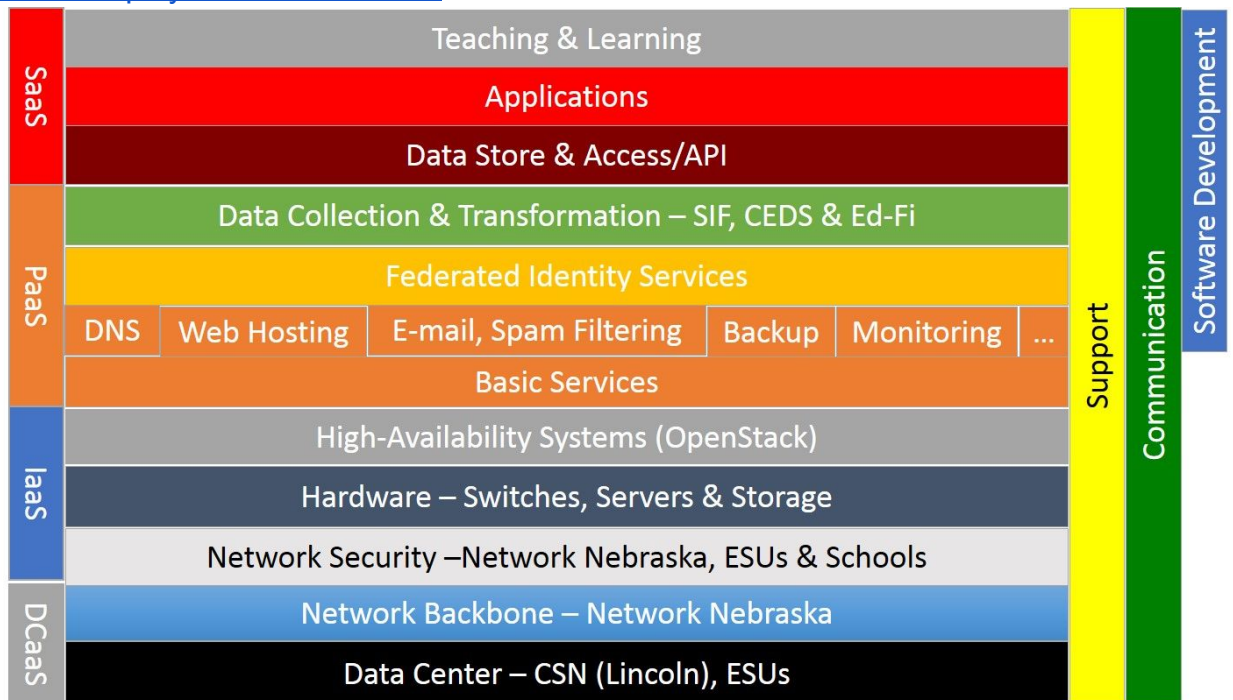
Funding priorities.

If any concerns with master services agreement which will be finalized end

of May.

NOC Special Committee: for the design and development of a cloud deployment model - (Ron, Chad, Dave L, Scott, Jim C, SuAnn W. are members)

Cloud Deployment Model slides



SPECIAL Anything requested of NOC?

Led to a discussion of subcommittees and possible structure. Tabled this discussion for later in the meeting.

Office of the CIO: (Tom Rolfes, Education I.T. Manager)

1. State RFP--Send requests for any Layer 2 circuit rebids by 9/30/2016.
2. Discussion--What network status and reliability information would ESU-NOC like to have on the www.networknebraska.net public website and which information should be password-protected? Example: <http://status.wiscnet.net/>
 - a. Many types of alerts requested.
 - b. Limited access to this type of website is, for now, is our IP network blocks. Concerned IP blocks do not limit the internal persons from viewing information.
3. Education SuperHighway (a California non-profit organization) may be contacting Nebraska school districts to clarify some of their 2016-17 Form 471 filing data: [Compare & Connect K-12](#)
4. [Security workshop](#) at [Fall NETA](#) October 6, 2016 1:30 to 4:30

CIO Anything requested of NOC?

Numbers 1 and 2 above, and update your One Call Now info by logging in or registering your One Call Now information by e-mailing noc@nebraska.edu.

NDE: (SuAnn Witt, NDE E-rate Coordinator and Infrastructure Specialist)

[2017 Erate Eligible Services List](#) -

Pg 6 Q&As

Category 2 funds remain available for schools that have either not yet tapped and any unexpended funds from those who did not expend the entire budget in earlier requests.

NDE Anything requested of NOC?

Anticipate budget work, nothing at this time.

UNCSN: (Ben Mientka and Brad Weakly, Network Engineers, University of Nebraska)

Question: Are there IPERF servers (or could there be) strategically located across the state to test circuit speeds of new and existing circuits as we enter new four year contracts?

Answer: IPERF at Panhandle Research Center in Scottsbluff = 162.127.1.38

Concern: Could additions of new entities, DDOS services and servers, or configuration and reporting of "status" on a public website take away from what has been very reliable? If the workload has expanded, does staff need to expand to support and maintain the "very reliable" status of Network Nebraska?

Could there be identified resources that could be delegated to NOC members to free NetNeb "plates"? I.e. iPerf This may alleviate the prediction or anticipation of staff expansion. Current comfort level of resolving issues is "comfortable".

Question: Can we register on the CSN helpdesk site to update/reply to tickets created because of Orion monitoring?

Perf sonar <http://www.perfsonar.net/>

UNCSN Anything requested of NOC?

Drive ticketing system evaluation. Have NetNeb and/or NOC develop requirements and/or criteria for the submission process. This may support or at least be a topic of discussion regarding sub committees.

Email reply & create ticket

SSO (SAML auth)

Preference for communication(s) (email, text, app, etc)

Requested of UNCSN and/or Network Nebraska.

Delegatable (is this a word?) items which can be resolved via the NOC group and/or sub committees.

EfficientIP breakout for next meeting.

Traffic Shaper breakout for next meeting.

NNAG: Scott Jones (K-12 Co-Chair) and Ron Cone are representatives

[July 20, 2016](#) meeting minutes - approved Ed Toner's fee memo

[DRAFT 2016-17 Fee Memo](#)

NNAG Anything requested of NOC?

Feedback from district about fee changes (12 entities at .25 membership fees)

Next Meeting - Sept 21, 2016

Notes from TLT Meeting

- RFP 5153 - a number of sites not connected with new providers for 2016-2017
- Scott Jones will bring up having the state file erate for the circuit costs since most of the other Category One discounts will be gone in the next couple of years.
- As of August 23rd, everyone should have been moved over to the new Network Nebraska Zoom contract. There are additional licenses available if more are needed. New contract is now up to 15,000 licenses.

Zoom licenses are on the new statewide contract with Network Nebraska and ESUCC through UNK; \$2 per user per year.

The membership formula was adjusted to address the cost avoidance scenarios of the past.

NITC:

Education Council (Tom Rolfes)

- Member Gary Needham, ESU 9, (co-chair)

- See Network Nebraska report above
 - Ed Council action items include more automation and better communication.
 - http://www.nitc.ne.gov/education_council/meetings/documents/2016.02.17/2015-2017_EdCouncilActionItems_20151021.pdf
- Any requests for state funding to purchase technology are required to be submitted by today, to be reviewed by the Technical Panel, Ed Council, and NITC by November 15 for budget development in the next legislative session. We expect there might be a couple that affect K-12.

Technical Panel

- Member Kirk Langer, Lincoln Public Schools

NITC Anything requested of NOC?

How would NOC like to be notified involved regarding review of K-12 funding requests? (Only when it directly affects NOC)

- E-mail with project description with no more than one paragraph per item. Links to the full project(s) detail will be posted to the NITC website.

TLT:

TLT Anything requested of NOC?

They are meeting right now and we'll probably hear any requests after their meeting. Please have them contact Brent Pickrel, bpickrel@esu8.org, with requests.

EAP:

EAP Anything requested of NOC?

From Ron - identity management? Directory attributes (StateID)?
uPortal training for ESUs and/or Districts

Scott would like involvement with Friday afternoon calls involving uPortal admin team. [Zoom information](#).

How can we get uPortal support?

- Add a new district, need common task documentation (define app tile, add tile to layout, change district's colors and logo)
- Automation of layout with SPs

Can we / do we need to extend the directory schemas (eduPerson?)?

- Source some information of how to extend directories (LDAP, AD, Google's Data source)
- Avoid multiple sources for data
- Need attributes like State ID, CDN, Learn 360 ID, other SPs?

Can we get 80 additional schools connected within the time line?

- 32 School districts are currently connected to the production IdP.

- Getting the information / configs from the schools can be an issue.
 - [Configuration checklist](#)
 - directory credentials
 - firewall rules
 - extension of data sources

Will Scott be able to handle the load? Or will he ever be able to go home?

- Coordinate, provide access & train more people to assist with uPortal configurations. Any volunteers?
 - Join the Friday afternoon Admin team Zoom calls. 1:30 PM CDT, Zoom ID: 833530338
- [List of Applications](#) (Learn 360, Adviser)
- [Federation Attribute List](#)

ADVISER:

SSO May belong in several discussions

ADVISER Anything requested of NOC?
Join the uPortal calls

VST: (Virtual Support Team)

[Virtual Support Google Folder](#)

- Please explain NOC involvement or role?

The VST is being created to support districts in the ADVISER dashboard process.

- **From the initial work (onboarding)**
- **With technical issues**
- **Identifying frequently asked questions, common questions and in creating knowledge based articles**
- **Identifying enhancements**
- **The concept: Coordinate “Help Desk and Support” functions across multiple agencies, experiences, and expertise.**
- **The goals: Increase efficiency, knowledge base, reduce burdens, ensure district and ESU success/engagement**
- **Maintain the relationships we have built from using the NSSRS and grow from here.**
- **“NebraskaCloud K-12 Helpdesk”**
- **Jitbit ticketing system**
- **District/school dashboard users**
- **ADVISERHelp@nebraskacloud.org**
- **VST members**
- **VST Members**
- **Level 1 - District**

- Level 2 – ESU or SIS vendor
- Level 3 – NDE
- Level 4 – NDE or DLP
- At each level, staff will need to be identified who will be answering tickets.
- Jitbit account set up with correct access.

VST Anything requested of NOC?
Nothing.

WORK ORDERS PER GROUP

<u>SPECIAL COMM</u>			
Identity Man	State Assist	Data	Network
<u>VST</u>	<u>CIO</u>		<u>UNCSN</u>
<u>ADVISER</u>	<u>ESUCC</u>	<u>NITC</u>	<u>TLT</u>
<u>EAP</u>	<u>NDE</u>		<u>NNAG</u>

TRAINING AND BUDGET

[NOC Budget Request 2015-2016](#)

[NOC Budget Request 2016-2017](#)

[O'Reilly Bookshelf Membership List](#): \$5,640

- Is \$5640 to much to spend to allow Jordan C. and Mike D. to have reading materials? .. nope probably not. :(
- Expires 10/27/16, \$264.50 per seat, renews at \$350 per seat.
- Subscription will not be renewed.

Topics:

- UEWAv2, Josh Kwok has penciled Nov 8-10. \$6,500.
“And yes, I would love to do another training out there if you guys aren’t bored with me yet :)” ~ Josh Kwok

- [New Horizons](#) On-Demand Video Collections. \$3,500

If interested, Brent will check pricing mentioned below is still available.

"It looks like there is a break at 35! So, if you were to go to 35 Users, it would come to \$3,500."

"Attached is the new option for you. This has EVERYTHING included!! The difference is there are several videos where you can specifically select which piece you need to see. So if you are looking for "how to assign permission levels to a group within Sharepoint Designer 2013", then you can go through there and select the video Microsoft Sharepoint Server 2013 Create Custom Permissions and watch the 5 minute video on how to do this. I really like it after looking at it more. I can do your 25 licenses for a fraction of what you needed to spend. Let me know your thoughts on this. I have attached the list (It is massive so it will take some time to look through all 27,000 videos) as well as a summary of what it is." ~ Brian Diamond

Attachments:

[Sell Sheet](#)

[IT Video Collection](#)

- If the Deal still exists NOC with move forward with this subscription.
- 1 day uPortal training session (Unicon or others).
- 1 partial day of Traffic Shaper and EfficientIP coupled with roundtable PRTG possible roundtable with Fortinet.
- Alternate:

Review Meeting Dates [ESUPDO Calendar 2015-2017](#)

VIA Google: [View ESUCC/PDO Calendar calendar](#)

Thursday, September 15, 2016 9:00-3:30 ESU3, LaVista NOC

Tuesday, November 08, 2016 9:00-3:00 LPS NOC Meeting (Rooms booked at 3:30)

November 9-10, 2016 9:00-3:00 LPS NOC Training (Rooms booked at 3:30)

Wednesday, February 22, 2017 9AM-3PM ESU7 NOC/DEAC Meeting

Thursday, February 23, 2017 9AM-3PM ESU7 NOC Training

Wednesday, April 26, 2017 9-3:30 ESU3

Other calendar Items:

ESUNOC committees and workgroups (identify, report, continue, create, or dissolve?)

Standing Workgroups suggestions:

- Identity Management (uPortal, IdP, LDAP, Adviser infrastructure)
- State Tech Plans (RFPs, bids, erate, NNAG, Ed Council)
- Data (SIS, Adviser usage, assessments)
- Network Management (Network Nebraska, Monitoring, Tech Support)
- Other possibilities: Security, Cloud, Training

Special Workgroups:

- Special Workgroups as needed

Good of the order

Questions, Comments, Observations?

Consider motion to adjourn at: 2:43 PM CDT

Motion by: Ben Wilson

Second by: Tom Wenzke



NOC Training Form

Contact Person/Affiliate Chair: Brent Pickrel
Affiliate: NOC committee
Email: bpickrel@esu8.org
Phone: 402-887-5041 x1234

Contractor/Company: New Horizons
Presenter: New Horizons Video Collection
Email: BDiamond@omahanh.com
Phone: 402-331-4123
Fax Number: 402-331-4396
Address: 11422 Miracle Hills Drive Ste 200 Omaha, NE 68154
Point of Contact: Brian Diamond

Workshop Title: Online Anytime - IT Video Collection
Date of Workshop: Yearly subscription
Projected cost of workshop (include presenter fee): \$3,500

How does training align with goals and mission of ESUCC and NDE?
Continual education at your fingertips provides training opportunities at the best times available for an individual. The courses include many advanced security concepts, design and build, configuration, and ideas of general school network environments.

ESUCC Goals:

System of Supports for Schools and Student Achievement
Improve and Support State and Local Accountability
Continued Communication & Collaboration with Partners and Stakeholders

ESUCC/NDE Priority Areas:

Data System and Professional Development Supports
Teacher Principal Evaluation
BlendEd

Office Use:

Contract sent:
W-9/W4NA:

Date Received:
Date Received:

New Horizons CLC of Omaha Order Agreement

Client Billing Information

Company Name: Educational Service Unit #8
 Contact Name: Brent Pickrel
 Address: 302 Main Street, PO Box 89
 Neligh, NE 68756

Account Executive Contact Information

Name: Brian Diamond
 Remit Address: 11422 Miracle Hills Drive Ste 200
 Omaha, NE 68154
 Phone: 402-331-4123
 Fax Number: 402-331-4396
 Email: bdiamond@omahanh.com

This agreement confirms the request for enrollment of the following listed company personnel/employees (corporate student) in classes at New Horizons Computer Learning Center. **Please complete & sign both pages and then email to bdiamond@omahanh.com THANK YOU FOR YOUR BUSINESS!!**

Course, Student and Price Information

Class/Level	Location	Student Name, Email Address, Phone Number	Date (s)	Price
35 Licences for Online Anytime – IT Video Collection	Omaha, NE	35 Licences for Online Anytime – IT Video Collection -Names and Email addresses to be supplied prior to registration	09/21/16 – 09/21/17	\$3,500.00

Quote Valid Until: 09/22/16

Total \$3,500.00

Comments: Each completed course comes with a Certificate of Completion. You may repeat classes of the same version, at no additional cost, within six-month time period, on a space available basis. Courseware may be re-used or may be purchased for additional cost

New Horizons CLC and Client Agreement

The client understands this form is an agreement between New Horizons CLC and their company. This agreement confirms that signer has read the 'Enrollment Policies' information (Page 2), has a qualified signature for said company, and is responsible for the tuition. All discounts are void if portions of the above training are cancelled. ***New Horizons guarantees only those services set forth in this agreement. Verbal agreements will not be honored without written confirmation on the date of purchase from a New Horizons representative.*** Payment is due with this signed order agreement or client agrees to pay upon receiving an invoice. Student cannot be allowed into class until funds have been received.

Payment Methods (Choose One):

Credit Card Information: Type: _____ Expiration Date: _____

Credit Card # _____

Security Code _____

New Horizons has authorization to charge the card ending in _____ in the amount listed above.

Initials: _____

Please Invoice (please check box)

PO Number: _____

Signature: X _____ Print Name: _____ Date: _____

(The person signing this Agreement must be authorized to guarantee payment on behalf of the company.)

SM Approval _____ GM Approval _____ (internal purposes only)



NEW HORIZONS COMPUTER LEARNING CENTERS ENROLLMENT POLICIES

Please read and comply with the following information. Contact your Account Executive if you have any questions.

Class Cancellation and Reschedule Policy:

For all cancellations and reschedule requests, students must notify New Horizons at **least 5 or more business days for applications classes and 10 days for technical classes prior** to the date of the scheduled class. If you are unable to cancel or reschedule your scheduled class as outlined above or if you no show, you will be responsible for the price of the class for which you were scheduled and will be required to pay before taking any other classes. If you are certain that you will not be able to attend a scheduled class, please reschedule as soon as possible to avoid any cancellation fees and so that other students on standby can be accommodated. This policy applies to Club Memberships, Technical Classes, Application Classes, Coupons, Remote Learning, Mentored Learning, and all Technical and Application tracks.

1. Students should arrive at New Horizons 30 minutes prior to the class to ensure proper check-in and seating. If you are more than 15 minutes late for class, the seat may be given away. If you anticipate being late, contact New Horizons and notify the receptionist. The seat will be held up to 30 minutes from the start of the class, after which time the student will not be admitted to class.
2. Classes are offered on a first-come, first-serve basis. Seating is limited. Register for classes as soon as possible. Classes may be scheduled through your Account Executive.
3. If a class is full, you may be placed on "stand by". You will be notified only if cancellations occur and space becomes available.
4. Approximately seven days prior to your employee's class date they may be contacted to confirm their attendance. Please respond within 48 hours in the event your employee needs to cancel their attendance.
5. You may repeat classes of the same version, at no additional cost, within six-month time period, on a space available basis. Students who are retaking classes may purchase new courseware and test vouchers if they desire or re-use previously purchased courseware, provided it is still current. Technical club prices do not include courseware, lab fees, or test vouchers, which must be purchased separately.
6. New Horizons reserves the right to cancel classes due to low enrollment or circumstances beyond our control. The client will be notified of a class cancellation at the earliest possible time prior to scheduled class.
7. Once a Club Membership class has been taken, the Club Membership is not refundable and non-transferable.
8. Club Memberships begin on payment receipt date or 30 days from invoice date, whichever comes later the date of purchase and are valid until the period of Club Membership expires, usually one year unless otherwise stated.
9. You may take any classes that are listed in your respective Club (see schedule). To ensure proper learning, please take courses in order, i.e. for an intermediate course, you must have completed the beginning course or equivalent (see our web site for course content outlines). The classes in your respective Club(s) are listed in the schedule. Classes outside your Club(s) may not be taken without paying for them separately, but may be eligible for discounted rates. Please contact your Account Executive for further info.

Initials _____ Date _____

SM Approval _____ GM Approval _____ (internal purposes only)



New Horizons CLC of Omaha Order Agreement

Client Billing Information

Company Name: ESU Coordinating Council
 Contact Name: David M Ludwig
 Address: 6949 S 110th Street
 LaVista, NE 68128

Account Executive Contact Information

Name: Brian Diamond
 Remit Address: 11422 Miracle Hills Drive Ste 200
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Quote Valid Until: 10/28/16

Total \$4,250.00

Comments: Each completed course comes with a Certificate of Completion. You may repeat classes of the same version, at no additional cost, within six-month time period, on a space available basis. Courseware may be re-used or may be purchased for additional cost

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PO Number: _____

Signature: X _____ Print Name: _____ Date: _____

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4. Approximately seven days prior to your employee's class date they may be contacted to confirm their attendance. Please respond within 48 hours in the event your employee needs to cancel their attendance.
5. You may repeat classes of the same version, at no additional cost, within six-month time period, on a space available basis. Students who are retaking classes may purchase new courseware and test vouchers if they desire or re-use previously purchased courseware, provided it is still current. Technical club prices do not include courseware, lab fees, or test vouchers, which must be purchased separately.
6. New Horizons reserves the right to cancel classes due to low enrollment or circumstances beyond our control. The client will be notified of a class cancellation at the earliest possible time prior to scheduled class.
7. Once a Club Membership class has been taken, the Club Membership is not refundable and non-transferable.
8. Club Memberships begin on payment receipt date or 30 days from invoice date, whichever comes later the date of purchase and are valid until the period of Club Membership expires, usually one year unless otherwise stated.
9. You may take any classes that are listed in your respective Club (see schedule). To ensure proper learning, please take courses in order, i.e. for an intermediate course, you must have completed the beginning course or equivalent (see our web site for course content outlines). The classes in your respective Club(s) are listed in the schedule. Classes outside your Club(s) may not be taken without paying for them separately, but may be eligible for discounted rates. Please contact your Account Executive for further info.

Initials _____ Date _____

SM Approval _____ GM Approval _____ (internal purposes only)



Technology Committee Update

Scott Isaacson

October 4, 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 VST met via Zoom on 9/28/2016. The team is considering the best workflow for handling support requests from districts in a team approach, and organization of the EAP web site's resources. The ADVISER project team is looking at the issue of handling private data related to support requests.

Multi-State Collaboration (K12 Federation)

The remaining grant funds for the first phase of K12 Federation work are funding some research projects to help improve the app launch portal software (uPortal), integration of applications and data, data dashboard enhancements, collaboration between K12 districts and state education agencies, and user account provisioning automation. The group is developing strategy for grant proposal(s) for next phase funding this fall and long-term strategy for self-sustainability.

Single Sign-On (SSO) and App Launch Portal

Technical administrator training on uPortal is scheduled as part of the Network Operations Committee (NOC) November training meeting. Thirty-eight districts and ESUs are live in the production single sign-on framework and we are working with three districts 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.

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 new SAN was shipped to us and installed in the Nebraska Hall data center. It is performing backup storage currently to test it before putting it into a full production role. It has not encountered any failures since being installed.

Backup Service

Contracts are being completed for the backup solution as approved at last month's meeting and it should be installed by the end of November.

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.

SRS

Mike Danahy, Wade Fruhling and MindShine Technologies are working on three areas: converting legacy pages of the application to the Zend framework, developing data import and export processes for district data exchange, and responding to problem reports and application changes as needed. MindShine Technologies is assisting with the last Zend conversion activities and we expect to complete that work this fall. The database and code are in need of modernizing and we are determining the most efficient approach to accomplish this following the Zend conversion work.



Committee Report

PROJECT NAME: BlendEd and Distance Ed

PROJECT DIRECTOR: Beth Kabes

REPORT PERIOD: October, 2016

COMMITTEE REPORT:

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

[September 23, 2016 - Region Meetings in October](#)

[September 16, 2016 - ESUPDO Reflection, EFF Survey for Pilot](#)

[September 9, 2016 - ESUPDO, Zoom, EdReady/CTE](#)

[September 8, 2016 - CBE, NASB Proposal, PDO, Amazon, NAG](#)

BlendEd Pilot:

- District that I have visited in September include: Omaha PS (Davis MS, Buffett MS), Shelby-Rising City PS, Clarkson PS, Freeman PS, Thayer Central PS, Lincoln PS (The Career Academy)

At ESUPDO session in Omaha on September 14, Jason Everett, Kelly Clapp, Crystal Hurt, Jami Schaffnitt, Peg Coover, Molly Aschoff, and Craig Hicks all led the discussions around Blended PD.

NROC/EdReady

A report will be shared on usage

DEAC REPORT:

- In conjunction with NDLA, DEAC is sponsoring a Virtual Field Trip Providers workshop at Lincoln Public Schools Administration Building on November 8.
- Asked all DL Coordinators to verify or check courses within NVIS for 2016-17
- DL Coordinators were asked at the "lunch" session during the TLT meeting on September 15 for recommendations to NVIS to be proposed to ESUCC.

OLD BUSINESS:

NVIS –

No changes to report.

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

Rescheduled meeting with Amazon
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

- Approved proposal for NAMLE presentation in October.
- Presenting to Fall Ed Tech in Kearney the first week in October.
- Presenting at ESU9 Tech Day in Hastings on October 10.
- Presenting to NE School Librarians in Omaha on October 20-21.
- Presenting to iNACOL in San Antonio the end of October.

Joint Imat/DEAC/TAG group – Teaching and Learning with Technology (TLT)

TLT will have a training on November 16-17 in Omaha on LMS development and use. Will be taking time to build mini-lessons to share with all of TLT.

Resources focus group is planning an addition meeting (virtual) on November 11.

Dave, Rhonda and Beth reviewed By-Laws and added suggestions that will be reviewed at the TLT Leadership meeting on December 14.



PROJECT NAME: Projects – Instructional Materials/Resources

PROJECT DIRECTOR: Rhonda Eis

REPORT PERIOD: October 2016

Teaching and Learning with Technology (TLT)

- September 15 – TLT Meeting - [Link to meeting notes](#)
 - Group voted to approve mission statement and by-laws
 - *After review by ESUCC staff, additional clarification is needed with some articles. Approval of bylaws by ESUCC Technology Committee will be presented at a later date after further review by TLT.*
 - Updates given for Resources, LOR, BlendEd Pilot, ADVISOR Dashboard and Portal. *See meeting notes for details.*
 - Focus groups met briefly to identify training needs and select a representative to lead their focus group and report to the larger TLT group.

- Resources Focus Group (MSA/IMat Projects) will meet on November 11 to discuss Learn360 contract. 2017-18 is last year of price guarantee.

- 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

- Next Leadership meeting is November 16, 2016 – after the training – 3:30 pm
 - TLT Leadership Team:
 - Co-chairs: Wade Gibson – ESU 11, Dawn Ferreyra – ESU 3
 - Patty Finney – ESU 17, Chris Good – ESU 1
 - BJ Peters – ESU 13, Eileen Barks – ESU 2
 - Beth Kabes and Rhonda Eis – ESUCC

Nebraska Titles (IMat Projects)

- 589 titles with active licenses
 - 139 to expire – August 2017
 - 130 to expire – July/August 2018
 - 86 to expire – 2019/2020
 - 244 – no expiration

Amazon Inspire Follow-up meeting

- Tech roadmap – LMS, SSO, Learning Registry – September meeting was postponed by Amazon -new date is November 4