

Technology Committee Meeting
Tuesday, May 2, 2017 9:00 AM
ESU No.10
76 Plaza Blvd
Kearney, NE 68845

1. Call to Order
2. Roll call
3. Agenda Item
Chair of Committee
 - 3.1. Tech Plan
Committee Chair - Deturk
 - 3.1.1. ADVISER Update
Scott Isaacson
 - 3.1.2. Single Sign On Update
Committee Chair - Deturk
 - 3.1.3. SRS Technology Update
Scott Isaacson
 - 3.1.4. Sustainability
Technology Director
 - 3.1.4.1. Hosting Consolidation Efforts (Racks at UNL)
Scott Isaacson
 - 3.2. Innovative Grant Update
Executive Director Ludwig
 - 3.2.1. Project Plan
Scott Isaacson
 - 3.3. LMS Study and Review
Executive Director Ludwig/Scott Isaacson
 - 3.4. Approve Nebraska Licensed Titles Update
Committee Chair - TeDurk
 - 3.5. NOC Meeting on April 19, 2017
Committee Chair - Tedesco
 - 3.5.1. Approve NOC ByLaws
Committee Chair - Tedesco
 - 3.5.2. Approve Safari Books Online
 - 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

Month	Districts Applied	District Secrets & Keys Issued	Districts Publishing Some Data	ODS - Average Daily Requests	Districts and ESUs in SSO Framework
2016-01				23678	
2016-02				71409	
2016-03				117413	
2016-04				37250	
2016-05				34174	
2016-06				14857	
2016-07				19286	
2016-08				29049	
2016-09				20037	
2016-10				28791	
2016-11				41421	
2016-12				51304	
2017-01	137	65	35	77294	88
2017-02	159	93	59	125860	138
2017-03	196	157	116	699845	167
2017-04	215	176	154	1243538	167
2017-05					
2017-06					
2017-07					

	Tasks	Begin Date	End Date	Months Duration	Entity Responsible	Person Responsible
1	Technology Infrastructure					
	1.1 Initial Security assessments	1/1/2017	4/30/2017	4	ESUCC+Contractor	Tech Director
	1.2 Security policy development	5/1/2017	7/31/2017	3	ESUCC/Legal	Tech Dir + Lawyer
	1.3 Infrastructure investment & needs assessment	1/1/2017	6/30/2017	6	ESUCC	Tech Director
	1.4 Training 1 for ESU/VST on security & portal	1/1/2017	2/28/2017	2	ESUCC/VST	Tech Director
	1.5 EAP 2 implementation support	1/1/2017	6/30/2017	6	ESUCC/VST	VST members
	1.6 SSO portal review and enhancement	3/1/2017	7/31/2017	5	ESUCC+Contractor	Tech Director
	1.7 Statewide implementation support	7/1/2017	6/30/2019	24	ESUCC/VST	Tech Dir, VST
	1.8 Training 2 for ESU/VST on security & portal	9/1/2017	9/30/2017	1	ESUCC/VST	Tech Director
	1.9 SSO portal review and enhancement	3/1/2018	6/30/2018	4	ESUCC+Contractor	Tech Director
	1.10 Hosting infrastructure updates	5/1/2018	7/31/2018	3	ESUCC	Tech Director
	1.11 Training 3 for ESU/VST on security & portal	9/1/2018	9/30/2018	1	ESUCC/VST	Tech Director
	1.12 SSO portal review and enhancement	3/1/2019	6/30/2019	4	ESUCC+Contractor	Tech Director
	1.13 Hosting infrastructure updates	5/1/2018	7/31/2018	3	ESUCC	Tech Director
	1.14 External security assessment 2	3/1/2019	4/30/2019	2	Contractor	Security Spec
2	AAP and SRS Development					
	2.1 User requirements gathering (AAP & SRS)	1/1/2017	2/28/2017	2	ESUCC	Project Director
	2.2 Data and user interface design (AAP & SRS)	2/1/2017	2/28/2017	1	ESUCC	Tech Dir + Dev
	2.3 Software development & testing (AAP & SRS)	3/1/2017	5/31/2017	3	ESUCC/Contractor	Proj Dir + Dev
	2.4 AAP training & pilot	6/1/2017	5/31/2018	12	ESUCC	Project Director
	2.5 AAP Software revision	6/1/2017	5/31/2018	12	ESUCC/Contractor	Developer
	2.6 AAP statewide operation & support	6/1/2018	6/30/2019	13	ESUCC	Project Director
	2.7 SRS Ed-Fi interface pilot & training	8/1/2017	6/30/2018	11	ESUCC	Project Director
	2.8 SRS Ed-Fi statewide operation	8/1/2018	6/30/2019	11	ESUCC	Project Director
	2.9 SRS & AAP software revision	4/1/2018	5/31/2018	2	ESUCC/Contractor	Developer
	2.10 AAP Training 2	6/1/2018	6/30/2019	1	ESUCC	Project Director
	2.11 SRS Training 2	8/1/2018	9/30/2018	2	ESUCC	Project Director
	2.12 SRS & AAP software revision	4/1/2019	5/31/2019	1	ESUCC/Contractor	Developer
	2.13 AAP Training 3	6/1/2019	6/30/2019	2	ESUCC	Project Director
3	BlendEd					

	3.1	Hire and train BlendEd Coordinator	1/15/2017	1/25/2017	1	ESUCC	BlendEd Director
	3.2	Review current BlendEd pilot projects - Year 1	4/1/2017	5/15/2018	13	ESUCC + ESUs	BlendEd Dir+ESUs
	3.3	Review current BlendEd pilot projects - Year 2	4/1/2018	5/30/2019	13	ESUCC + ESUs	BlendEd Dir+ESUs
	3.4	Design BlendEd scale-up project	4/1/2018	5/30/2019	13	ESUCC	BlendEd Director
	3.5	Contractual Content Agreements	1/1/2017	6/30/2019	30	ESUCC	BlendEd Director
	3.6	Training	1/1/2017	6/30/2019	10	ESUCC	BlendEd Director
	3.7	Coaching for participating schools					
	3.7.1	BlendEd Project Coordination (.5 FTE)	1/1/2017	6/30/2019	30	Ind. Contractor	Project Coord.
	3.7.2	ESU Coaching staff	1/1/2017	6/30/2019	30	ESU	VST members
	3.7.3	ESUCC Coaching staff	1/1/2017	6/30/2019	30	ESUCC	BlendEd Director
	3.7.4	ESUCC Support Staff	1/1/2017	6/30/2019	30	ESUCC	Support Staff
4	NROC and EdReady Implementation						
	4.1	NROC Membership	1/1/2017	6/30/2019	30	NROC	N/A
	4.2	Design and develop math teaching approaches	2/1/2017	3/31/2017	2	ESUCC + NROC	Project Director
	4.3	EdReady Inventory of math skills	2/1/2017	5/31/2019	28	ESUCC + NROC	Project Director
	4.4	Math readiness teaching approach studies	4/1/2017	5/31/2019	26	ESUCC + NROC	Project Director
	4.5	Math skills inventory state mapping	4/1/2017	6/30/2019	27	ESUCC + NROC	Project Director
	4.6	Evaluate Spring 2017 teaching approach studies	6/1/2017	7/31/2017	2	ESUCC + NROC	Project Director
	4.7	Refine math teaching approaches	6/1/2017	7/31/2017	2	ESUCC + NROC	Project Director
	4.8	Evaluate 2017-18 teaching approach studies	6/1/2018	7/31/2018	2	ESUCC + NROC	Project Director
	4.9	Refine math teaching approaches	6/1/2018	7/31/2018	2	ESUCC + NROC	Project Director
	4.10	Develop every student college math-ready plan	5/1/2019	6/30/2019	2	ESUCC + NROC	Project Director
	4.11	Teacher attendance at NROC conference	Spring 17-19				
	4.12	Coaching for participating schools					
	4.12.1	NROC/EdReady Project Coordination (.5 FTE)	1/1/2017	6/30/2019	30	Ind. Contractor	Project Coord.
	4.12.2	ESU Coaching Staff	1/1/2017	6/30/2019	30	ESU	VST members
	4.12.3	ESUCC Coaching staff	1/1/2017	6/30/2019	30	ESUCC	Director
	4.12.4	ESUCC Support Staff	1/1/2017	6/30/2019	30	ESUCC	Support Staff
5	SIMPL Development						
	5.1	Refine software specifications	1/1/2017	1/31/2017	1	ESUCC/ESU 7	Administrator
	5.2	Initial software development & testing	2/1/2017	6/30/2017	2	ESU 10	Developer

	5.3	Pilot implementation	7/1/2017	6/30/2018	12	ESUCC/ESU 7	T & L Coord
	5.4	Pilot software revision	7/1/2017	6/30/2018	12	ESU 10	Developer
	5.5	Training for pilots	6/1/2017	10/31/2017	5	ESUCC/ESU 7	T & L Coord
	5.6	Training for Year 2 adopters	4/1/2018	10/31/2018	7	ESUCC/ESU 7	T & L Coord
	5.7	Implementation support	4/1/2018	6/30/2019	14	ESUCC/ESU 7	T & L Coord
	5.8	Year 2 software revision	3/1/2019	5/31/2019	3	ESU 10	Developer
6	Overall Project Administration and Evaluation						
	6.1	Project Evaluation	1/17/2017	6/30/2019	30	RMC	Evaluators
	6.2	Project Administration	1/17/2017	6/30/2019	30	ESUCC	Admin Staff
	6.3	Project Management, Implementation & Support	1/17/2017	6/30/2019	30	ESUCC	Tech Director
	6.4	Project Coordination	1/17/2017	6/30/2019	30	ESUCC	Exec Assistant

ESU Network Operations Committee (ESUNOC)

Purpose

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

Agenda/Minutes

Wednesday, April 19th, 2017

9AM-3PM (Working Lunch)

9AM-3PM (working lunch, [Gantt Chart](#), retirement recognition)

Host: ESU 3 (Thank you!)

6949 S 110th St, La Vista, NE 68128

Join using Zoom: <https://zoom.us/j/7484309140>

Or an H.323/SIP room system:

162.255.37.11 (US West)

162.255.36.11 (US East)

Meeting ID: 748 430 9140

CALL TO ORDER:

The meeting was called to order at:

Members Present

ESU 1: Jim Hopkins

ESU 2: Corey Colvin & Ted Deturk

ESU 3: Mark Hansen

ESU 4: Dustin Buggi

ESU 5: Ryan McDowell, David Camara

ESU 6: Jamen Hall

ESU 7: Dan Ellsworth

ESU 8: Brent Pickrel

ESU 9: Gary Needham

ESU 10: Ron Cone, Jordan Clark, Adam Zheng, Devin McIntyre

ESU 11: Wade Gibson, Alex Wyatt

ESU 13: Jim Copley

ESU 15: Wally White

ESU 16: Chad DeWester

ESU 17: Ben Anthony

ESU 18 (LPS): Ben Wilson (Zoom)

ESU 19 (OPS):

ESUCC: David Ludwig, Scott Isaacson, Deb Hericks

NDE: attending pre-conf NETA workshop :-(

OCIO/NITC:

UNCSN: Brad Weakly, Ben Mientka

NNNC: Andy Boell

Other guests:

Gary Needham was nominated and approved to be reporter for NOC for 17-18

APPROVAL OF AGENDA:

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

APPROVAL OF MINUTES: [2017-02-22 NOC Meeting Minutes](#)

(If there is no objection) approved

Official ESU NOC [Membership](#)

noc@esucc.org [group membership](#) Brent Pickrel (bpickrel@esu8.org)

[Bylaws](#) - Call for adoption.

Recommend motion to approve bylaws by Ben Anthony and seconded by Ryan McDowell. Motion passed. Final Adopted Document located [here](#).

- When Voting a roll call vote can be asked for starting with the ESU that called for the roll call vote

15 minutes per topic or 3 topics per hour

TOPICS FOR DISCUSSION BY OTHERS

Presenters can connect with Zoom and “share content”

ESUCC

Dave Ludwig & Scott Isaacson

- Innovation Grant - DE²TAILS - **Data-Driven Ecosystem** Enhancing Teaching and Improving Learning for Students
 - Data privacy & security, infrastructure
 - SRS & AAP updates, connections to ADVISER
 - BlendEd pilot expansion
 - NROC/EdReady expansion
 - SIMPL
- Software development team - MindShine, university system, ESU 10, state colleges?
 - Aim to build in-state knowledge of software systems for continuity and parallel work
- Hosting infrastructure sustainability - [notes from 4/13 meeting](#)
- SSO
 - 167 ESUs and school districts listed in the SSO framework
 - Planning upgrade to discovery service to reduce clicks for a user signing in
- ADVISER
 - 212 (87%) of districts have applied to be part of the ADVISER program
 - 175 (71%) have received a secret and key
 - 154 (63%) have published some data to the ADVISER data store
- Future Ready Council
- Legislation

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ESUCC Anything requested of NOC?

1. Do NOC members have policies in place regarding data security and privacy? Insurance coverage related to data breach? Please provide references or advice to Scott.

(GN) NITC [Tech Panel](#) has reviewed a draft security policy for the State level. Ed Council has not yet done any work but will be reviewing the draft. See attachment 5-b-i in the April Tech Panel meeting [documents](#)

OCIO

Tom Rolfes, Education I.T. Manager

OCIO--Anything requested of NOC members?

- K-12 orders are up approximately 7 Gbps total over last year (38 Gbps vs. 31 Gbps)
 - a. 2017-18 total orders for K-12 and Higher Ed are 55 Gbps
- Current (2016-17) capacity includes 30 Gbps commodity Internet and 41 Gbps of direct and indirect peering capacity
- Network Nebraska reached a historic peak (38 Gbps of actual demand) on January 20 during the inauguration ceremony.
 - a. Streaming video consumes most bandwidth, previously Apple Updates
- Update: 3 RFPs in play; State RFP 5495 for 22 Layer 2 Circuits, UNL RFP for Internet Access, State RFP for statewide backbone
- Update: OCIO is requesting a meeting with ACT engineering staff to discuss optimization of data transmission over Network Nebraska.

OCIO Anything requested of NOC?

1. **What is the interest level of erate filing experts for possible work on the project as subcontractors of the OCIO?**
 - a. SuAnn Witt is accomplishing this task per ESU.
2. **Raise any questions you may have about 7/1/2018 consolidation of circuit invoicing and E-rate filing, which will be an all-or-nothing, voluntary endeavor.**
 - a. Needs reassignment of agreements by spring of 2018
 - b. Schools will have the option to continue to bid their own and be outside of this process, but any state contract circuit would be part of this process.
 - c. QUESTIONSvpc (copied from February)
 - i. What action could a school seek if they have an issue with the State on the RFP?
 - ii. Can a district seek individual pricing against the same bidding of the state contract, playing the field?
 - iii. Is there going to be an additional expense to the school district to cover the administration done by the state?
 - iv. **How does this impact the state RFP process? (new question)**
 - d. Comments will be needed by August 1st, 2017 before the NITC meeting.
 - i. **Schools are hesitant to commit until they know if there is an additional cost, or a change compared to their current arrangement.**
 - ii. **Some districts are extremely interested in local control, and relationships with their local vendor. A couple of ESUs specified that they have heard no negative comments.**

- iii. **Jim C - filing by discount level seems like the right thing to do. But what about a vendor invoice that covers multiple schools and multiple discount levels?**

NDE

- Dean Folkers, NDE CIO, is sponsoring the [“Council for a Future Ready Nebraska”](#) that will meet Apr 27 in Kearney. The purpose of the Council is to assist the NDE Chief Information Officer (CIO) in shaping, planning, and communicating the vision, strategic objectives, and actions that transform the digital education and administrative systems of Nebraska schools. Assuming roles of Champion, Capacity Builder, Connector, and Change Agent, the work of the Council enables, in part, the State Board of Education’s (SBOE) strategic vision and direction for Nebraska Education.
- It is important to have every voice represented. A representative from this group has been selected - Jordan Clark. More information will be coming as it unfolds. *[Scott can answer questions if he’s there]*

NDE Anything requested of NOC?

NITC Ed Council

- Last Ed Council meeting was April 9, 2017, at the Governor’s mansion. Governor Ricketts and State CIO Ed Toner were both present. CIO Toner took significant interest in the efforts of the Ed Council, and specifically the partnership with the Community Council in their efforts to expand broadband access outside the walls of the school. The Governor is interested in this effort as well as a component of workforce development.
- Questions and Comments: TV Whitespace, Gigabit Library project (Schuyler, Beatrice)

NITC Anything requested of NOC?

E-rate discussion as mentioned in OCIO report

NNAG

Kirk Langer (Urban) and Ron Cone (Rural)

March 15, 2017 [Meeting](#) - Relevant Topics for NOC:

Discussion on Municipality charges - **recommend to the CIO to continue applying the current Network Nebraska cost model to municipalities for 2017-18,**

Zoom contracting 2017-18 - UNK leading - webinars and CRC ports

LMS statewide RFP discussion, Trouble ticket software, consolidated E-rate filing

Hosting services for NOC/ESU/K12 entities

- Greg Grey would be a contact regarding the University’s options

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University considering consolidating into one ticket system (iSupport & ?)

NNAG Anything requested of NOC?

TLT

Wade Gibson (Co-chair)

- Final Meeting of the Year - May 2 at ESU 10 - [Agenda](#)

TLT Anything requested of NOC? Nothing at this time.

VST

1. vst@esucc.org [group membership](#)
 - a. If you are hosting a meeting try to make the effort to join to help with some of the NOC related discussion
2. Insert deadlines here.
 - a. VST / EAP Goals for 2017
 - i. Have current Pilot/EAPII districts set up and publishing by April 1, 2016
 - ii. Have all PowerSchool and Infinite Campus, GoEduStar publishing by October 1, 2017
 1. *Might include Sycamore and JMC in this list as well*
 - iii. Have all districts publishing by December 1, 2017.
 - iv. Have a solid status update/plan/timeline for remaining vendors by March 1, 2017
3. Upcoming SIS/ADVISER Error Workshops
 - a. ESU 8 - May 12th (Powerschool)
4. [Configuration checklist](#)
5. [List of Applications](#) (Learn 360, Adviser)
6. [Federation Attribute List](#)

VST Anything requested of NOC?

1. **Scott Isaacson would like involvement with Friday afternoon 1:30PM calls involving uPortal admin team. Zoom ID: 833530338 (resuming 4/28/17)**

Network Nebraska / ITS-ES - (Formerly known as UNCSN, plus some from UNL)

Brad Weakly and Ben Mientka

1. Update on DDoS appliance or software (e.g. Internet2 pilot, etc...)
 - a. Costs will be known in the next few months
 - b. Arbor networks is the final product to evaluate
 - c. Evaluated 8 different products

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- d. Main issue is price and efficiency
- 2. Update on Helpdesk Ticketing system
 - a. Timeline is early summer to get bids out later in the spring
 - i. More mobile device friendly
 - ii. Get and supply info without logging in (email)
 - b. Different group within the University that is spearheading this product selection
- 3. Fortinet maintenance and hardware discussion
 - a. Don't forget to compare renewal costs with the cost of a new "E" series device, compare the throughputs. There is also better discounts when purchasing maintenance up front, plus there is the possibility of getting Cat 2 discounts from E-rate.
 - b. Fortigate 200E bundle, \$4,220 with 3 yr 8x5 Full UTM. Compares to \$3514 for 200D or \$5850 for 300D. 200E performance is 1.2Gbps, similar to 300D.

NOC Requests of ITS-ES and/or Network Nebraska

1. **List / update of defined services.**
 - a. Current: Traffic shaping, DNS, Network Time Server, Firewall Configuration / Design
 - b. Future Possibilities: DDoS, Virtual Machine
 - c. What is the status of the "Formal Services" of Network Nebraska?

Network Nebraska / ITS-ES Anything requested of NOC?

2. **Possibly a traffic shaper advisory group**
 - a. Group is not advised, these should be handled on a case by case basis.
 - b. Common rules
 - i. Limiting DNS connections
 - ii. Limiting Netflix
 - iii. Notifications for traffic thresholds or traps

Training and Budget

- [NOC Periodicals Budget Request 2017-2018](#)
- [NOC Training Budget Request 2017-2018](#)
- Quickstart master subscription April promotion \$1,999 per student.
<https://www.quickstart.com/subscriptions/master.html>
 - Alternatives ?Online subscriptions vs. Content owned/shared
 - [Pluralsight](#) \$500 per user per year
 - [Skillsetonline](#) - (ESU 10 paid \$7000 for 2-years, 20 simultaneous accesses)
 - [Knowledgenet](#) \$1,000 per user per year
 - ITPRO.tv \$857 per user per year
 - **Safari Books Online \$399 per user per year**
 - **Moved by Gary N, Seconded by Jim H, to authorize Brent to negotiate a two year subscription to as many NOC members as he can to Safari Books Online.**
 - **Motion Passed**

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ESU NOC Workgroups

Standing Workgroup 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

Workgroups:

- Bylaws
 - Brent Pickrel, SuAnn Witt, Corey Colvin, Jim Hopkins, Chad DeWester
- NebraskaCloud SSO action plan
 - Scott Isaacson, Ron Cone, Andy Boell, Adam Zheng, Tim Klein (tklein@lps.org, LPS)
- ESUCC hosting abilities
 - Develop costs, responsibilities, identify needs
 - Gary Needham, Scott Isaacson, Jordan Clark, Andy Boell, Jamen Hall, Ron Cone

Other Business

1. [Zoom Account Info for each Affiliate](#)
2. [NETA 2017 April 19-21](#)
 - Possible Technology session for NETA
 - Roundtable discussion with focus for local districts
 - i. Overview of SSO system, design, flow of information and/or authentication - Andy & Ron
 - ii. Ticket system pros and cons with multiple ESUs
 - Disaster Recovery planning
 - Laserfiche

Review Future Meeting Dates

[ESUPDO Calendar 2017-2019](#) (Spreadsheet view)

[ESUCC/PDO Calendar](#) (Calendar view)

Wednesday, April 19, 2017 9AM-3PM ESU3 (Meeting)

Thursday, September 14, 2017 9AM-3PM ESU3 (Meeting)

Tuesday, November 07, 2017 9AM-3PM TBD (Meeting)

November 8-9, 2017 9AM-3PM ESU3 (Training)

Wednesday, February 21, 2018 9AM-3PM TBD (Meeting) Conflict with NITC

Thursday, February 22, 2018 9AM-3PM TBD(Training)

Wednesday, April 18, 2018 9AM-3PM ESU3 (Meeting) Conflict with NITC

Election of new recorder:

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Consider motion to adjourn at: 2:55
Motion by: Chad DeWester
Second by: Ben Anthony

Edu Units	Platform Monthly Price	Support Package	Price Per Edu Unit	Price Per Edu With Support
4	\$400	\$205	\$100	\$151
5	\$460	\$255	\$92	\$143
6	\$520	\$305	\$87	\$138
7	\$580	\$355	\$83	\$134
8	\$640	\$405	\$80	\$131
9	\$680	\$455	\$76	\$126
10	\$720	\$505	\$72	\$123
11	\$760	\$555	\$69	\$120
12	\$800	\$605	\$67	\$117
13	\$840	\$655	\$65	\$115
14	\$880	\$705	\$63	\$113
15	\$920	\$755	\$61	\$112
16	\$960	\$805	\$60	\$110
17	\$1,000	\$855	\$59	\$109

ESU 10 [Program of Services](#) listing website
Amherst [services used](#)

SIMPL demo site - <http://simpl.stage.esu10.org>

Fortinet Erate Eligibility Link - <http://www.erateproviderservices.com/fortinet-home/>
Product and Bundle Tabs across the top

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SUBSCRIBER INFORMATION

Organization ESU Coordinating Council

Primary Contact / Account Administrator

Deb Hericks
402-597-4843
dhericks@esucc.org
6949 South 110th Street
LaVista, NE 68128
USA

Billing Contact

David M Ludwig
402-597-4915
esuccadmin@esucc.org
6949 South 110th Street
LaVista, NE 68128
USA

Billing Method

Send Invoice Via
PO Number:

*One-time setup fee applies for subscriptions of more than 20 users and is the lesser of 10% annual subtotal or \$10,000. † Total amount subject to applicable tax for residents in the following states: AZ, NC, NJ, OH, TX and WA.

ADDITIONAL COMMENTS

Access to and use of the Safari service(s) is subject to the terms of this Subscription Agreement ("SA").

SUBSCRIBER

Signature _____
Name _____
(please print) _____
Title _____
Date _____

SAFARI BOOKS ONLINE, LLC

Signature _____
Name Brenda Bravener-Greville
(please print) _____
Title Account Executive
Date _____
Contact Info bbravener@oreilly.com |

ACCOUNT INFORMATION

Service Safari

Total Number of Users 30
Subscription Term 24 Months

ACCOUNT FEES

Number of Users	30
Subscription Fee per User	x \$ 392.00
Annual Subtotal	\$ 11,760.00
Subscription Term	24 Months
Contract Term Subtotal	\$ 23,520.00
One-Time Setup Fee*	
SUBSCRIPTION TOTAL†:	\$ 20,850.00

TERMS AND CONDITIONS

Safari Books Online, LLC ("Safari") grants to the subscriber ("Subscriber") identified on this SA the rights described herein to utilize the Safari services designated on this SA (collectively, the "Service") during the Subscription Term, on the condition that Subscriber complies fully with this SA.

1. USERS

Access to the Service, and content made available through it, is limited to Subscriber's employees, contractors, agents, or such other persons within Subscriber's organization who are specifically authorized to use the Service ("Users") under this SA. Each User's access to the Service is strictly limited to the period of time that the User is qualified to be a User by virtue of his or her relationship with Subscriber. Users are not allowed to share user names, passwords or accounts. In order to access Safari's services, Users must have their own user name and password assigned by the account administrator. If a User becomes disqualified to use the Service, the User must immediately cease using the Service, and all copies of content accessed via the Service stored by that User on any hard drive or other storage device or in hard copy must be deleted or destroyed. Subscriber will be deemed to have taken any action that it permits, assists or facilitates any person or entity (including any User) to take related to the Service or this SA. Subscriber is responsible for its Users and will ensure its Users compliance with Subscriber's obligations under this SA.

2. CONTENT USE AND LIMITATION.

2.1 Each User is permitted to use the electronic tools provided by the Service to:

2.1.1 electronically search across and view onscreen the full content of all of the works included in the Service;

2.1.2 print, download and store Sections (defined below) of a work on the individual User's hard drive or other storage device for such individual User's personal use only;

2.1.3 quote portions of works accessible via the Service in works authored by the User, up to an aggregate of 250 words from any single text work or a comparable strictly limited portion of material in other media, provided that the copyright owner is given proper attribution in any publication or other media in which the quote appears, based on the proprietary notices that appear with the content in the Service. "Section" means the limited portion of a work that is displayed to the User at one time by the Service. Users can scroll freely throughout a single Section. To access another Section, a User is required to click through.

2.2 Each User that Subscriber employs or retains as a faculty member and/or course instructor is also permitted to:

2.2.1 post up to 2 Sections of any work in the Service on Subscriber's instruction-related intranet site, provided that (a) the site is monitored for unauthorized use by Subscriber and any such use is promptly halted, (b) use of the posted Sections is limited to bona fide students enrolled in the User's course, and (c) the posted material is removed when the course is completed (or upon termination of the right of Subscriber or the User to access the Service, if either occurs first); and

2.2.2 reproduce in hard copy format no more than 2 Sections of any work included in the Service, for use by enrolled students in courses conducted by the User.

2.3 Subscriber acknowledges and agrees that use of "web spiders," or any other automated retrieval mechanisms (other than search and retrieval features of the Service) for any purpose is prohibited. Subscriber will not, and will not permit others to: (a) modify, remove, augment, publish, transmit, create derivative works from, or in any way exploit any of the content accessed via the Service, in whole or in part, except as expressly provided in this SA, or except in ways which qualify as "fair use" under U.S. copyright law under Section 107 of Title 17 of the United States Code ("U.S. Fair Use"); (b) post any content accessed via the Service to Usenet, or any third party website, or provide such content to others by any other means, such as an intranet system, blogs or RSS feeds, except as permitted by this SA, or under U.S. Fair Use; (c) provide any hosting service with access to the Service, and/or content accessed through the Service; and/or (d) assign or otherwise transfer to any third party, all or any part of rights granted under this SA, or any content accessible through the Service. Subscriber will notify Safari immediately of any actual or suspected (a) unauthorized use(s) of the Service, or any content accessed through the Service, or (b) breach of security, including loss, theft, or unauthorized disclosure of any password or credit card information, or confidential information related to the Service. Except as expressly permitted by this SA, content accessed via the Service may not be stored, reproduced, or transmitted in any form and/or by any means without the express prior written permission of the copyright owner. Safari and its content providers reserve all rights not expressly granted in this SA. Safari or its content providers own the title, copyright, and other intellectual property rights. Subscriber will not remove or obscure any copyright or other proprietary notices that appear on the Service, or on content accessed through it. The Service, and the content accessed through it, are provided on a limited basis under this SA, and are not being sold or otherwise transferred to Subscriber. Safari may terminate or suspend any User's access to the Service in the event of any actual or alleged fraud or violation of this SA, or the intellectual property rights of any owner of any content accessible through the Service.

3. ORDERS, PAYMENTS AND TERMINATION.

3.1 Subscription orders for the Service shall only be made in writing, by means of an executed Subscription Agreement. This SA and all subsequent orders are subject to acceptance by Safari. Unless expressly provided otherwise in the SA, all payments (including without limitation all fees and taxes other than taxes based on the net income or net worth of Safari) are payable in advance and due within 30 days of the date of Safari's invoice.

3.2 Additional users may be added to this SA in groups of 5 or more at any time during the Subscription Term by written agreement of the parties on Safari Additional User Order Form 100S, subject to Subscriber's payment of the pro rata fees due for such users.

3.3 Either party may terminate this SA upon written notice if (a) the other party materially breaches any term or condition of this SA, and (b) that party fails to cure such breach within 30 days of receiving written notice thereof, except that if Subscriber materially breaches this SA by allowing or enabling access or use of the Service by anyone other than a User, Safari may in its sole discretion immediately terminate this SA by written notice to Subscriber. If Safari terminates based on Subscriber's uncured material breach, all amounts not yet paid for the remaining Subscription Term, or otherwise payable under this SA, shall be immediately due. If Subscriber terminates based on Safari's uncured material breach, Safari shall refund the pro rata balance of any prepaid fees for the unused portion of the Subscription Term. Upon termination or expiration of this SA for any reason: (a) Subscriber's rights and Subscriber User's rights to use the Service shall immediately terminate, and (b) Subscriber and all the Users must immediately cease using the Service, and all copies of content accessed via the Service stored on any hard drive or other storage device or in hard copy must be deleted or destroyed. Terms that by their nature would survive the termination of this SA shall so survive including, but not limited to, limitation of damages, confidentiality, indemnification, and choice of law.

4. GENERAL PROVISIONS

4.1 The content accessed through the Service may include inaccuracies or errors. Changes are periodically made to the content. Safari may make improvements and/or changes in, and/or withdraw, any of the components of the Service at any time without notice, and with or without refunds. If Safari notifies Subscriber in writing that it has been required by any of its content providers to remove a work from the Service, all content from that work stored on any of Subscriber's (or any User's) hard drive or storage device must be destroyed or deleted. Safari in its discretion may rename the Service.

4.2 The Service may include links to third party sites. The third party sites are not under Safari's control, and Safari is not responsible for their contents, or any links contained in them. Safari is providing these links as a convenience, and the inclusion of any link does not imply endorsement by Safari. Subscriber consents on its own behalf, and on behalf of its Users, to the collection by Safari and its affiliates of technical information and usage information in the course of managing, providing, and supporting the Service, and to the use of that information for purposes of managing, providing, and supporting the Service pursuant to this SA.

4.3 Safari welcomes feedback from Subscriber and its Users regarding the Service. "Feedback" means any and all evaluations, feedback, comments, contributions, ideas, suggestions, and any other communications regarding the Service that Subscriber or any of its Users may provide or otherwise make available to Safari. Subscriber on behalf of itself and its Users grants to Safari the irrevocable and non-exclusive right in its sole discretion to use the Feedback as it deems appropriate in connection with the development and/or modification of the Service or any other work, product or service of Safari. Safari's rights include the right to modify the feedback and/or to combine it with other content and suggestions, and Safari will not have any obligations or liability to the Subscriber or any User with respect to Safari's use of the Feedback. Safari will not disclose Subscriber's name or that of any of its Users in connection with its use of any Feedback. Subscriber warrants that Feedback will not (a) include unauthorized disclosure(s) of personal information, trade secrets, or confidential information; (b) to the best of Subscriber's knowledge, violate anyone's rights, including without limitation intellectual property rights; (c) contain software viruses or any other elements designed to interrupt, destroy or limit the functionality of any software, systems, or devices; or (d) contain data or technology subject to restriction under laws regulating the export and other dissemination of information or technology.

4.4 EXCEPT AS OTHERWISE PROVIDED HEREIN, THE SERVICE AND ITS CONTENTS ARE PROVIDED “AS IS” AND WITHOUT WARRANTIES OF ANY KIND, INCLUDING, WITHOUT LIMITATION, WARRANTIES IN RESPECT OF TITLE, ACCURACY, OMISSIONS, COMPLETENESS, DELAYS, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND ANY OTHER IMPLIED WARRANTIES. USE OF THE SERVICE IS ENTIRELY AT SUBSCRIBER’S OWN RISK. Subscriber’s sole and exclusive remedy and the entire maximum liability of Safari under this SA are limited to refund of the payments made under this SA for the current Subscription Term. Neither Safari nor its suppliers will be liable for: (a) any delay or failure resulting directly or indirectly from causes beyond its reasonable control, such as Internet failures or telecommunication equipment failures, or (b) any special, incidental, punitive, indirect, or consequential damages (including without limitation damages for lost profits) arising out of or in any way related to the use of or inability to use the Service or any content, even if Safari or any supplier has been advised of the possibility of such damages. Because some jurisdictions do not allow the exclusion or limitation of such damages, this limitation may not apply to Subscriber.

4.5 Safari agrees to indemnify Subscriber, and hold Subscriber harmless against any costs, damages and expenses (including, without limitation, reasonable attorneys’ fees) that Subscriber sustains by reason of any claim, suit, or action that any content supplied to Subscriber through the Service, when used in accordance with this SA, infringes any intellectual property right of any third party, on the conditions that Subscriber provides Safari with: (a) prompt written notice of such claim or action, (b) sole control and authority over the defense or settlement of such claim or action (provided that Safari shall not enter into any settlement which attributes any liability or wrongdoing to Subscriber without Subscriber’s prior written consent), and (c) proper and full information and reasonable assistance to defend and/or settle any such claim or action. Any counsel retained by Subscriber to monitor or participate in the defense of any such claim shall be retained at Subscriber’s sole expense, which shall not be subject to indemnity hereunder.

4.6 This SA is governed by the laws of the State of California applicable to agreements made and performed there by California residents. The parties consent to the exclusive jurisdiction of the Superior Court of the San Francisco County, California, and/or the United States District Court for the Northern District of California, either of which shall be the exclusive forum in which any legal action arising out of or in connection with this SA may be initiated and prosecuted to final judgment, and the parties waive all challenges to venue.

4.7 In utilizing any social features that may be included in the Service, Subscriber and its Users are prohibited from (a) transmitting spam, bulk, or unsolicited communications; (b) forging headers or otherwise manipulating identifiers (including URLs) in order to disguise the origin of any transmitted content; (c) making misrepresentations about any User’s identity, or affiliation(s); (d) disrupting the normal flow of dialogue or otherwise acting in a manner that negatively affects the ability of others to participate in or use the Service; (e) engaging in activities that would violate, any applicable local, state, national or international law; or (f) collecting or storing personal data about other users unless specifically authorized to do so by such users.

4.8 In the course of exercising their rights and performing their obligations under this SA, each party may receive or have access to confidential and proprietary information relating to the other party’s non-public business and technology, such as unreleased products or services, business policies, operational methods, marketing plans, and non-public information which under the circumstances would reasonably be assumed to be confidential and proprietary (the “Confidential Information”). The terms of this SA (including the payment terms) are the Confidential Information of Safari. Each party agrees that during the Subscription Term, and for three (3) years thereafter, it will (a) hold in strict confidence and not disclose to any third party any of the other party’s Confidential Information except as contemplated by this SA, and (b) protect the confidentiality of the other party’s Confidential Information using safeguards at least as protective as those used for its own comparable information. Confidential Information does not include information that (i) was lawfully in the receiving party’s possession prior to receipt from the other party; (ii) is or becomes generally available to the public other than as a result of disclosure in violation of this SA or other unlawful disclosure; (iii) becomes available on a legal and non-confidential basis from a source other than the other party; or (iv) is independently developed by a party without use of any of the other party’s Confidential Information. For the avoidance of doubt, data and analytics regarding usage of the Service provided to Subscriber by Safari (or accessed by Subscriber through tools included in the Service) are the Confidential Information of Safari and are made available solely for Subscriber’s internal use in managing Service usage. Notwithstanding the provisions of this Section, each party may disclose the other’s Confidential Information as required by any court order or other government demand that has the force of law, provided that, when legally permitted, it gives the other party prompt prior written notice so that a protective order may be sought, and further provided that any disclosure is limited to the least amount of Confidential Information required by the order or demand. Safari is permitted to include Subscriber’s name and/or logo in customer listings, and on Safari’s website and marketing materials, provided however that any other use of Subscriber’s name and/or logo will require Subscriber’s prior written consent.

4.9 This SA is the final, complete, and exclusive agreement between Subscriber and Safari relating to the Service and/or content accessed via the Service, and it supersedes all other oral or written communications, proposals and representations made at any time with respect to any subject matter covered by this SA, including without limitation the provisions of any purchase order issued by Subscriber either before or during the Subscription Term, whether or not signed by Safari. If any part of this SA is held to be invalid or unenforceable, the other provisions shall continue in full force and effect.

4.10 Except as otherwise provided, all written notices must be sent by courier, overnight delivery service, or certified mail to the contacts and addresses designated in this SA. No failure of either party to exercise or enforce any of its rights under this SA will constitute a waiver of such rights.



Deb Hericks <dhericks@esucc.org>

[NOC] FW: Safari Pricing.....Re: Follow up from Brenda @ Safari

1 message

'Brent Pickrel' via Network Operations Committee (NOC) <noc@esucc.org>

Tue, Apr 25, 2017 at 8:11 AM

Reply-To: Brent Pickrel <bpickrel@esu8.org>

To: ESU NOC <noc@esucc.org>

Below are numbers for Safari Bookshelf. I'll treat no response as a vote to move forward with the process of purchasing 30 subscriptions for 2 years at the price of \$20,850. I have requested formal proposal.

Brent Pickrel

bpickrel@esu8.org

402-887-5041 x1234

ZOOM: <https://zoom.us/my/brentpickrel>

AIM: ay9d8f

**From:** Brenda Bravener-Greville [mailto:bbravener@oreilly.com]**Sent:** Monday, April 24, 2017 4:55 PM**To:** Brent Pickrel <bpickrel@esu8.org>**Subject:** Safari Pricing.....Re: Follow up from Brenda @ Safari

Hi Brent-

It was great talking with you today and I'm so happy you are familiar with New Safari!

As promised, I was able to speak with my manager and explained your situation and the need for 30 subscriptions. So here is what we can offer:

- 30 subscriptions x \$392 = 11760 - \$392 (one complimentary license) = \$11368
- \$11368 x 2 (5% discount for 2 year agreement) = \$21600
- \$21600 - \$750 (managers discount) = \$20850

So, we will agree to \$20850 for 30 subscriptions for 2 years.

Please let me know if this will work and I will process a formal quote for you to bring to your budget meeting.

Please let me know if you have other questions. I'm happy to help.

Best,

Brenda

Brenda Bravener-Greville | Account Executive
O'Reilly Media, Inc. | [508.878.9322](tel:508.878.9322) | oreilly.com



On Mon, Apr 24, 2017 at 1:58 PM, Brenda Bravener-Greville <bbravener@oreilly.com> wrote:

Brent-

Thank you for your interest in the Safari platform and content. Please let me know if you have a few minutes later today or tomorrow to discuss your needs. I think a quick call between the two of us would be more efficient as I'm sure you have some questions for me.

I also have a few questions that will help me provide you with additional details: Can you confirm the 35 users are IT staff? Have you used Safari in the past? Have you seen the New Safari?

Let me know if you have any other questions. I look forward to hearing back from you.

Kind Regards,

Brenda

Brenda Bravener-Greville | Account Executive
O'Reilly Media, Inc. | [508.878.9322](tel:508.878.9322) | oreilly.com



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You received this message because you are subscribed to the Google Groups "Network Operations Committee (NOC)" group.

To unsubscribe from this group and stop receiving emails from it, send an email to noc+unsubscribe@esucc.org.

To post to this group, send email to noc@esucc.org.

To view this discussion on the web visit [https://groups.google.com/a/esucc.org/d/msgid/noc/](https://groups.google.com/a/esucc.org/d/msgid/noc/CY1PR0801MB2267FD4EB96B3C86F5E4FEA5FD1E0%40CY1PR0801MB2267.namprd08.prod.outlook.com)

[CY1PR0801MB2267FD4EB96B3C86F5E4FEA5FD1E0%40CY1PR0801MB2267.namprd08.prod.outlook.com](https://groups.google.com/a/esucc.org/d/msgid/noc/CY1PR0801MB2267FD4EB96B3C86F5E4FEA5FD1E0%40CY1PR0801MB2267.namprd08.prod.outlook.com).

Technology Committee Update

Scott Isaacson

May 2, 2017

Statewide Technology Plan

ADVISER

As of April 26th, NDE reports 215 districts (88%) participating in ADVISER, 176 (72%) have received a secret and key to publish data, and 154 (63%) are actively publishing data. During the month of April, 1,243,538 average daily requests were made to the ADVISER data store. We will continue to add to the number of statistics we are tracking, such as accesses to the dashboard application.

Single Sign-On (SSO) and App Launch Portal

As of April 26th, 167 districts and ESUs (64%) are listed in the production single sign-on framework. The Innovation grant includes work to enhance the portal and single sign-on experience. We will begin tracking statistics on the number of SSO sessions launched and accesses of the app launch portal.

SRS and AAP

Mike, Wade and Scott continue to meet for ongoing design sessions to map out the work going forward on the SRS and AAP software, including connections to ADVISER, updates to the database, and other user experience improvements for both applications. Mike has begun initial coding of the interface for SRS to publish data automatically to the ADVISER data store. The ADVISER-ready version of SRS, and the fully-converted Zend Framework 1 application are scheduled to go into production in the Summer of 2017. NDE and the Ed-Fi contractor DoubleLine Partners continue to work with us on the design and implementation of the ADVISER interface.

Nebraska Cloud Infrastructure Support - Sustainability

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. The NOC subcommittee met during April. Members are now collecting data on their current hosting operations and will next examine this data as a first step toward recommending a future direction.

Nebraska Innovation Grant

I have begun developing the detailed project plan for our work to implement the projects proposed in the Innovation Grant documents. NDE will be offering assistance with project management tasks. The ESUCC proposal is titled DE²TAILS - Data-Driven Ecosystem Enhancing Teaching and Learning for Students, and includes significant support for upgrading and integrating the SRS and AAP software to share data via the ADVISER data store, enhance the single sign-on and portal environment, to extend the BlendEd, NROC and EdReady pilot projects, and implement the SIMPL software.

Council for a Future Ready Nebraska

A first meeting of this advisory council was held at Kearney High School on Thursday, April 27th, involving about 30 people from a broad cross-section of NDE, ESU, school district and external partner representatives.

From the charter document: "The purpose of the Council is to assist the NDE Chief Information Officer (CIO) in shaping, planning, and communicating the vision, strategic objectives, and actions that transform the digital education and administrative systems of Nebraska schools. Assuming roles of Champion, Capacity Builder, Connector, and Change Agent, the work of the Council enables, in part, the State Board of Education's (SBOE) strategic vision and direction for Nebraska Education."

The Future Ready framework is helpful in discussing technology planning and useful for the council to discuss priorities in 7 areas:

- Curriculum, Instruction, and Assessment
- Use of Space and Time
- Robust Infrastructure
- Data and Privacy
- Community Partnerships
- Personalized Professional Learning
- Budget and Resources

After some introduction and brainstorming around these areas, attendees self-selected one area to participate or lead. In these work groups, the teams identified others who should have input in the areas and initial priorities for work to be accomplished. The area groups will meet as they need and the council will reconvene adjoining the Administrator Days conference in July.



Committee Report

PROJECT NAME: BlendEd and Distance Ed

PROJECT DIRECTOR: Beth Kabes

REPORT PERIOD: May, 2017

COMMITTEE REPORT:

BlendEd Committee met one Friday in April at 9 a.m. over zoom. Discussion items include:

[April 7, 2017 - AQuESTT Presentation, Blended Advisory, Data Retreat, OER](#)

BlendEd Pilot:

- District that I have visited in April include: Elm Creek, South Sioux City. That is all of the Pilot school less Lincoln Public Schools – The Career Academy (trying to reschedule)
- Hosting Statewide Webinars for sharing and learning from 3:45 – 4:15 CT
 - April 25 – Online classroom environment
- Gathering a list of classroom teacher currently blended that will be participating in the TLT Special Project for BlendEd Learning.
- NCSA/ESUCC Pilot Planning team will meet again on May 16 in Lincoln
- Planning a BlendEd Pilot Data Retreat on June 21 in Kearney.

Promotion and Professional Development of BlendEd

- Presented to AQuESTT two sessions: 1) Observations from Nebraska BlendEd Pilot Tour; 2) Update on BlendEd Initiative
- Presentation to SDA at May meeting in Kearney
- Presented at NETA as part of Poster Session with a number of BlendEd Pilot schools. Some Pilot schools also had breakout sessions at NETA.

NROC/EDREADY:

- Continued planning with NROC staff through virtual meetings
- Shared NROC, HippoCampus and EdReady resources with Bellevue Public Schools Technology Integration Team on April 24, 2017

DISTANCE EDUCATION:

- Verification of Distance Learning courses exchanged is at ___%
- Submission of Distance Education Incentive Units is at ___%
- Planning a Distance Learning Field Trip to explore potential Virtual Field Trip locations in the southeast part of NE on June 21.

ESUPDO

- No activity in April



PROJECT NAME: BlendEd Projects – Instructional Materials/Resources
PROJECT DIRECTOR: Rhonda Eis
REPORT PERIOD: May 2017

Instructional Materials: Learning Objects (Information carried over from last month’s report for May voting)

In March, TLT members voted to recommend the use of Learning Objects funds to purchase a 2-year extension of digital rights for the Nebraska licensed titles – Weston Woods-Scholastic’s Magic School Bus (30 titles) and Disney’s Billy Nye (32 titles). These titles are set to expire in 2018. With the extension, the new date would be 08/31/2020. ESUs participating in the MSA 2016-17: Instructional Materials: Learning Objects are ESUs 1, 3, 5, 7, 8, 10, 11, 13, 15, 16, 17, 18, and 19. ESUs 4 and 9 indicated that they would opt in to share the cost since they are part of the original licenses. ESUs 2 and 6 did not participate in the original purchase of rights for these titles. Voting results shown below.

Magic School Bus Vote: PASSED: 8-2-3

- Yes - ESUs 1, 5, 7, 13, 16,17,18,19
- No - ESUs 2, 10
- Total statewide cost = \$11,250; Cost per ESU = \$750
- Supports Majority Vote - ESUs 8, 11, 15
- Opt In - ESUs 4, 9

Comments

- Yes. Magic School Bus are the most utilized titles in our region (along with Bill Nye). (ESU 5)
- Yes. My ESU voted yes because we want to support our teachers with online resources. (ESU 7)
- Yes. Although the cost seems high, these are two of the most popular titles in our districts and I believe that teachers would say that they have a positive impact on their teaching. (ESU 16)
- No. We can't justify the usage in our ESU. When we pulled reports on these videos, we see that we have very few views on these videos in total. (ESU 3)
- No. Our use of Learn360 is low and our focus needs to be on that first. (ESU 10)
- Supports Majority Vote: Our usage is not high from what I can see so can go either way. (ESU 8)

Disney’s Bill Nye Vote: PASSED: 9-2-2

- Yes - ESUs 1, 5, 7, 11, 13, 16,17,18,19
- No - ESUs 2, 10
- Total statewide cost = \$8,512; Cost per ESU = \$567.50
- Supports Majority Vote - ESUs 8, 15
- Opt In - ESUs 4, 9

Comments

- Yes. Bill Nye and Magic School Bus are the most utilized titles in our region. (ESU 5)
- Yes. My ESU voted yes because this can be a useful online resource with the new science standard and teachers having to teach content they may not have taught before and need online resources to be able to do that. (ESU 7)
- Yes. Although the cost seems high, these are two of the most popular titles in our districts and I believe that teachers would say that they have a positive impact on their teaching. (ESU 16)

- Yes. Good content - they are just old. (ESU 19)
- No. We can't justify the cost based on the usage in our ESU. We fully support the majority vote, but would like to start considering if the cost is worth it. Our media specialists and teachers continue to tell us they are not interested in video products. As we look at total usage of Learn360 across the board, we would like to be responsive to what our media specialists are telling us and potentially rethink if the cost is worth it to support student learning. Are other tools needed instead of video streaming? (ESU 3)
- No. Our use of Learn360 is low and our focus needs to be on that first. (ESU 10)
- Supports Majority Vote: We see very little usage; most teachers are watching them from You Tube as almost all of his titles are there. (ESU 8)

Media on Demand/Learn360

Learn360 Statewide Usage Statistics Comparison

Action	July 2015 - June 2016 (12 months)	July 2016 - March 2017 (9 months)	July 2016 – April 2017 (10 months)
Core Video Views	124,082	235,793	254,717
Core Video Downloads	1,893	1,765	1,765
Non-Video Views	1,670	3,347	3602
Custom Content Views	2,557	14,669	16,108
Custom Content Downloads	137	0	0
Best of Web Views	43	729	938
Logins	101,558	72,991	81,345
Searches	62,357	94,625	105,992

Upcoming TLT Meeting

- May 2 @ 10:00 AM – 4:00 PM – TLT Business Meeting @ ESU 10 & Zoom
- Highlights include:
 - Jacqui Garrison (NDE) - Technology needs of the teachers across the state
 - Review NDE Strategic Plan and discuss how TLT can provide support.
 - How can TLT support this plan?
 - Deb Wietzenkamp (UNL Extension Educator) will discuss STEM Education
 - Dean Folkers will give an update on Future Ready
 - Evan Abbey from Iowa AEA PD will demonstrate how they use OER Commons.
 - Discussion to follow about our future use of OER materials.