

ESUCC  
Technology Committee Meeting  
Tuesday, May 5, 2015, 9:00 AM  
Educational Service Unit No. 10 76 Plaza Blvd Kearney, NE 68845, 6949 South 110th Street,  
LaVista, NE 68128

1. Call to Order
2. Roll call
3. Agenda Item
  - 3.1. ESUCC Technology Plan
    - 3.1.1. Single-Sign On Timeline
  - 3.2. LMS Update
  - 3.3. Network NE Update
  - 3.4. Master Service Agreement
    - 3.4.1. Learn360
  - 3.5. Bright Bytes Pilot Update
  - 3.6. Staff Written Reports
    - 3.6.1. Rhonda Eis
      - 3.6.1.1. IMAT Vision, Commitments and Action Plan (Draft)
    - 3.6.2. Scott Isaacson
    - 3.6.3. Gordon Roethemeyer
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}}

**Statewide Educational Technology Plan  
January 2015**

12/16/2014 Drafters: Dave Ludwig, Bob Uhing, Mike Danahy, Jordan Clark, Ron Cone, Ben Anthony, Scott Isaacson

Purpose: (DRAFT) *To support the Nebraska BlendEd and Educational Data initiatives with a Cloud Learning Environment where applications and resources are easy to access and work seamlessly together by securely sharing data.*

*To provide statewide leadership and resources for the Nebraska BlendEd and Educational Data initiatives with a Cloud Learning Environment where applications and content are easy to access and work seamlessly together through securely sharing data.*

	Project Deliverables	Progress Updates	Person(s) Responsible	Completion Date
<b>Cloud Learning Environment</b>				
MOU	Submit <a href="#">draft</a> to Karen Haase for legal review; IlliniCloud is OK with draft Review with ESUCC Technology Committee ESUCC Presentation/Demo ESUCC Board Approval			12-18-14 1-7-15 <del>4-8-15</del> 2-5-2015 February 5, 2015
Single Sign On (Identity Management)	Implement multi-tenant IdP for pilot districts & ESUs, using local districts' existing directories/authentication mechanisms Full statewide implementation			2-15-2015  January 2016 ???
K-12 Federation	Ability to federate with other states and outside vendors Key components developed with Scott, Mike, Jordan, Ben, Ron			January 2016 ???
Student Privacy	<a href="#">COSN</a> data privacy toolkit. Join COSN. Include within the 15-16 MSA. Call for statewide quote for membership within the 2015-16 MSA (Ludwig)			March 2015  January February 2015
Statewide Support Model	Cooperation with the development of the Cloud. Data Dashboard support will enhance this approach. Additional FTE or restructured FTE to be determined.			In development with statewide efforts. March 2015

Statewide Data Centers (ESU 2 and 10 +) Statewide Infrastructure/Backup/Redundancy	ESU 3 may be difficult to consider due in part to their partial membership with Network NE. An RFP is in place for possible full-bandwidth membership. Consideration to be provided for ESU 18 and 19 - investigate willingness to participate and connectivity to Network NE..... Design initial OpenStack environment OpenStack test environment live in 2 data centers..... Production OpenStack environment live in 2 data centers Addition of 3rd data center to production environment			3-2015  1-2015 1-2015 2-15-2015 6-1-2015 late 2015
Security Plan	CISSP Notebook. The Technology Team of 5 technicians to manage in sections statewide. Determine certification for CISSP of staff statewide. NITC is currently working on security issues.			Ongoing
Vendor Management	Scott Isaacson and Dean Folkers are attending a conference January 13/14, 2015. Active ESUCC engagement process of Vendor Management to be developed.			January 2015  February 2015 with the Executive Committee
<a href="#">ICE Conference</a> - Feb 24-26	The Four Technicians will attend.			February 2015
Production Demonstrator (June ???)	Necessary for grant funding sources			June 2015
Portal System	Install uPortal with IlliniCloud extensions for pilot districts & ESUs			2-15-2015
Cost Analysis -	Develop a cost analysis for the statewide projects related to the Illini Cloud project. (Data center space, hardware, network connectivity, software licenses, staffing)			February 2015
Branding/Marketing	Five Technicians develop a <a href="#">one-page talking document</a> for ESU Administrators, affiliates, NDE, and School Districts			1-7-15
<b>Data Dashboard</b>				
Student Information Systems - Vendor Management				

Power School (Statewide Model)	Discuss within the ESUCC Technology Meeting on 12-19-14. Target PowerSchool hosting integration into NE Cloud (future)			12-19-14 Summer 2016
Infinite Campus				
School Master				
SIMS (ESU 3)				
Go Edustar				
???				
<b>Nebraska Repository for Online Blended Learning</b>				
	Blended Learning Graphic ( <a href="#">PDF</a> ) Closing the Gap: Turning SIS/LMS Data into Action Report ( <a href="#">PDF</a> ) Financial support TBD by the legislature -			Ongoing
<b>Learning Object Repository</b>				
	Still in implementation stage, ongoing work and negotiations			2015 - 2016
Safari Contract Negotiations	Complete basic 2014-15 support agreement Determine needs and negotiate 2-year agreement for 2015-2017			12-31-2014 3-31-2015
Safari Implementation	Connect to SSO federation, CAS, LDAP or local accounts Google authentication			3-31-2015 TBD
<b>Content to fill LOR? added by Ron</b>	resources and/or statewide subscription service(s) [videos, ebooks, etc.]		IMAT	
<b>Learning Management System</b>				
	Canvas; Schoology; Blackboard; Moodle will determine statewide support			March 2015

Items for discussion:

- Long-range plan (long-term purpose and sustainability)
- Cost-sharing plan
- Statewide purchase protocol
- Identification of resources/needs protocol (personnel & product)
- Administrative password management & coordination (LastPass)
- LOR content
- Skills inventory, staffing needs

<b>LEARN360 2015-16</b>				
<b>ESU</b>	<b>Student count for Schools w/Access*</b>	<b>50% - Total Cost</b>	<b>Remainin 50% divided per student</b>	<b>TOTAL</b>
1	12,434	\$3,500.00	\$2,393.55	\$5,893.55
2				**
3	53,472	\$3,500.00	\$10,293.36	\$13,793.36
4	6,899	\$3,500.00	\$1,328.06	\$4,828.06
5	5,990	\$3,500.00	\$1,153.08	\$4,653.08
6				**
7	14,840	\$3,500.00	\$2,856.70	\$6,356.70
8	12,760	\$3,500.00	\$2,456.30	\$5,956.30
9	10,246	\$3,500.00	\$1,972.36	\$5,472.36
10	31,132	\$3,500.00	\$5,992.91	\$9,492.91
11	4,745	\$3,500.00	\$913.41	\$4,413.41
13	14,837	\$3,500.00	\$2,856.12	\$6,356.12
15	3,887	\$3,500.00	\$748.25	\$4,248.25
16	8,979	\$3,500.00	\$1,728.46	\$5,228.46
17	1,592	\$3,500.00	\$306.46	\$3,806.46
18	39,034	\$3,500.00	\$7,514.05	\$11,014.05
19	51,928	\$3,500.00	\$9,996.14	\$13,496.14
	272,775	\$52,500.00	\$52,509.19	\$105,009.19

Base rate of \$105,000 for up to 280,000 students, then \$0.375 per student over.

\* NDE 2014 Fall Student Enrollment Report

\*\* ESU 2 or 6 could gain access for schools - approx. \$5,500 eac



## Digital License Agreement LEARN360 Subscription Plan

This Agreement made **March 26, 2015** between Infobase Learning, 132 West 31st Street, 17th Floor, New York, NY 10001 (“Licensor”) and **Nebraska Educational Service Unit Coordinating Council / ESUCC**, 6949 South 110th Street, Lincoln, NE 68128 (“Licensee”) regarding access to Video Titles and Digital Media content, controlled by Licensor to be made available to Licensee per agreed upon Term on a subscription basis and as set forth in the Terms of Use located at <http://LEARN360.com/UserTerms.aspx>

This Agreement shall be governed by and construed in accordance with the laws of the State of New York without regard to its conflict of law principles that would cause the application of the laws of another jurisdiction.

### Key Definitions

**LEARN360:** A cloud-based content hosting and digital media delivery, management platform operated by Licensor that is accessed by Authorized Users.

**Authorized Users:** Current educators, administrators, students, or staff of Licensee (whether on a permanent, temporary, contract or visiting basis) and individuals who are enrolled at Licensee’s school(s) listed in Exhibit A hereto (the community), who are permitted to access LEARN360 from within the Licensee’s premises or from such other places where Authorized Users work or study (including but not limited to Authorized Users’ offices and homes) and who have been issued a password or other authentication by Licensee. Educators, administrators, students, or staff of Licensee not affiliated with Licensee who are physically present at Licensee’s site(s) (“walk-ins”) are permitted access while physically present.

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**Subscription Term:** The period during which Licensee and Authorized Users may access the LEARN360 platform.

**Video Title and Digital Media:** A complete individual video program, which may be available in whole or in part on the LEARN360 platform or acquired separately in digital or hard copy format. All other digitized media resources such as teacher guides, student activities and worksheets, music tracks, audio and video speeches and audio books or other digital media Licensor may add to the LEARN360 platform.

**Term and Termination**

The pricing for this license (the "Fees") for the Term shall be as follows:

**Year 1 License (2015-2016 School Year)**

Quantity	Description	Currently Yearly Rate	Subscriber's Rate Per student	Total
	Learn360 License for Nebraska PrK-12 Schools – statewide coverage for up to 280,000 students – additional schools can be added for \$0.375 per student	NA	\$0.375	\$105,000

**Year 2 License (2016-2017 School Year)**

Quantity	Description	Currently Yearly Rate	Subscriber's Rate	Total
	Learn360 License for Nebraska PrK-12 Schools – statewide coverage for up to 280,000 students – additional schools can be added for \$0.40 per student	NA	\$0.40	\$112,000

**Year 3 License (2017-2018 School Year)**

Quantity	Description	Currently Yearly Rate	Subscriber's Rate	Total
	Learn360 License for Nebraska PrK-12 Schools – statewide coverage for up to 280,000 students – additional schools can be added for \$0.425 per student	NA	\$0.425	\$119,000

*The offer set forth in this Agreement shall be open through 06/30/2015.*

The term of this Agreement shall commence on the current expiration date and continue in force through 7/31/2016. Licensee shall have the option to renew the contract for the 2016-17 and 2017-18 school years, provided that Licensee must provide notice to Licensor of its intent to exercise the options no later than July 1, 2016 and July 1, 2017 in each of the respective school years. Expiration and nonrenewal of subscription will result in immediate termination, whereupon all access of Licensee and Authorized Users to LEARN360 shall cease.

Notwithstanding the above, this Agreement may be terminated by Licensor if Licensee materially fails to perform or comply with this Agreement or any provision hereof. Termination hereunder shall be effective 30 days after written notice of termination given by Licensor to Licensee, if Licensee's defaults have not been cured within such 30 day period.

Licensee may terminate this Agreement in whole or part if funding from federal, state, or other sources is not obtained and continued at levels sufficient to allow for purchase of the good and/or services in the indicated quantities or term. Licensee shall notify the Licensor as soon as practicable if funds to meet

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Licensee's obligations become unavailable. The determination of Licensee as to the insufficiency of funds is conclusive.

Each party may terminate this Agreement by written notice if federal or state laws or rules are modified or interpreted in a way that the services are no longer allowable or appropriate for purchase under this contract or are no longer eligible for the funding proposed for payments authorized by this contract.

Licensee may terminate this Agreement, in whole or in part, by written notice to the Licensor and may regard the Licensor in default of this Agreement if the Licensor becomes:

- (1) Insolvent;
- (2) Makes a general assignment for the benefit of creditors;
- (3) Files a voluntary petition of bankruptcy;
- (4) Suffers or permits the appointment of a receiver for its business or assets;
- (5) Becomes subject to any proceeding under any bankruptcy or insolvency law, whether domestic or foreign; or
- (6) Has wound up or liquidated, voluntarily or otherwise.

Licensee may terminate this Agreement, in whole or in part, immediately, without notice, if the Licensor is debarred or suspended from performing services on any public contracts.

All other terms and conditions governing this license shall be as set forth in the Terms of Use. Licensor may revise such Terms of Use from time to time. In the event of a direct conflict between the terms of this Agreement and the terms of the then-current Terms of Use, the terms of this Agreement shall control.

### **Grant of License**

Licensor grants to Licensee a non-exclusive, non-transferable license to provide Authorized Users access to LEARN360 consistent with the provisions of this Agreement. Grant of License is conditional upon payment of subscription fee to Licensor by Licensee or third party acting on behalf of Licensee. Grant of License is provided to Licensee only and is not extended to corporate parent, subsidiaries, or other affiliated institutions unless specifically provided for in this Agreement. Any rights not specifically included herein are reserved to Licensor.

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regular, scheduled intervals Video Titles and or Digital Media that are no longer in distribution, after which such Video Titles and Digital Media will be removed from LEARN360 and will no longer be accessible by Licensee or Authorized Users. Licensor agrees to provide advance notice of discontinuation whenever reasonably possible, and will offer Licensee the option to purchase a permanent license, provided Licensor has the right to do so.

#### Password Protection/License Compliance

Licensee agrees to protect its passwords from use by unauthorized persons by taking reasonable measures to prevent access by unauthorized persons. Licensee further agrees to take all necessary, reasonable, and prudent precautions to keep others from violating this Agreement. Licensee agrees that the Licensor shall have the right to seek and obtain immediate injunctive relief to enforce obligations under this Agreement and to seek other available remedies under the law.

#### Limitation of Liability

No party shall be liable to another party for, nor shall the measure of damages include, any consequential, incidental, indirect, punitive or special damages arising out of or relating to its acts or omissions arising from this Agreement, except in limited situations provided by it. This limitation of liability shall not apply, however, to liability of Licensor arising from (a) defect or deficiency caused by willful misconduct or fraud on the part of Licensee; or (b) circumstances where the contract expressly provides Licensee a right to damages, indemnification, or reimbursement.

Licensor shall not be responsible for any problems or delays that may occur in or on or be related to any of Licensee's computer hardware, firmware, software, or use thereof. This includes, but is not limited to, problems that may occur as a result of Licensee's installation and use of the Licensed Materials or technical support provided by Licensor.

#### Indemnification

Each party agrees to indemnify and hold the other harmless for any losses, claims, damages, awards, penalties, or injuries incurred by any third party, including reasonable attorney's fees, which arise from any alleged breach of such indemnifying party's representations and warranties made under this Agreement, provided that the indemnifying party is promptly notified of any such claims. This indemnity shall survive the termination of this Agreement.

#### Trademarks

Except as permitted by applicable laws, Licensee is prohibited from using any of the marks appearing on the Video Titles and Digital Media without express written consent from their respective trademark owners.

#### Public Records

The Contractor acknowledges that ESUCC must comply with NEB. REV. STAT. § 84-712 through § 84-713 and release public records as defined law upon request, which may include this Agreement and all records created and maintained in relation to this Agreement.

#### Publicity

ESUCC does not endorse the goods or services of the Contractor. Except for listing ESUCC as a client during the term of this Agreement, news releases or other publicity concerning this Agreement must not be made by the Contractor without the prior written approval of ESUCC.

#### Nondiscrimination

The Contractor and all Subcontractors, if any, shall not discriminate against any employee or applicant who is to be employed for performance of this Agreement with respect to his or her hire, tenure, terms, conditions, or privileges of employment, because of his race, color, religion, sex, disability, or national origin.

#### Employment Eligibility Verification

The Contractor shall use a federal immigration verification system to determine the work eligibility status of employees hired on or after October 1, 2009 and who are physically performing services within the State of Nebraska. If the Contractor employs or contracts with any Subcontractor in connection with this Agreement, the

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Contractor shall include a provision in the contract requiring the Subcontractor to use a federal immigration verification system to determine the work eligibility status of new employees physically performing services within the State of Nebraska.

**Notice.**

Each party giving any Notice ("Notice") under this Agreement must give written Notice by personal delivery, registered or certified Mail (in each case, return receipt requested and postage prepaid), or nationally recognized overnight courier (with all fees prepaid.) Notice shall be sent to the following addressees at the following addresses:

Licensee: Educational Service Unit Coordinating Council  
Attn: David M. Ludwig, Executive Director  
6949 South 110th Street  
La Vista, NE 68128

Licensor: Infobase Learning,  
Attn:  
132 West 31st Street, 17th Floor  
New York, NY 10001

Notice is effective only if the party giving the Notice has complied with this section.

**Miscellaneous**

Licensor's rights, including but not limited to all rights of remedy for Licensee's breaches under this Agreement, shall continue in perpetuity. With the exception of the rights to use LEARN360, all other provisions of this Agreement shall survive termination and shall continue to legally bind Licensee. No delay or failure of Licensor to take action under this Agreement will constitute a waiver by Licensor, unless expressly waived in writing by Licensor.

This Agreement constitutes the complete agreement of the parties and contains the entire understanding of the parties hereto relating to LEARN360, supersedes any prior written or oral agreement or understandings between the parties with respect to LEARN360, and cannot be changed or terminated orally but only in writing signed by both parties.

**Licensee / Educational Organization:**

Signature: \_\_\_\_\_

Title: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Bill To:**

Name: \_\_\_\_\_

Title: \_\_\_\_\_

**Implementation Contact:**

Name: \_\_\_\_\_

Title: \_\_\_\_\_

*Please fax the signed agreement to:*

Attention: Steve Kindel

Fax # **212-313-9443**

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**SCHEDULE A  
LICENSED SCHOOL(S)**

*For large school districts please include the list of authorized users in an Excel spreadsheet or expand the form and e-mail to: skindel@learn360.com*

**Infobase Learning Exhibit  
A - Licensee School(s) Setup**

**All public schools in the state of Nebraska**

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**Customer Support**

**Tier 1:** Customers receive a live support person when they call during normal business hours (Monday- Friday 7:30 am EST- 8:30pm EST). Support requests are also handled via e-mail. Any voicemails or e-mails submitted after business hours are returned promptly the next business day. Problems that cannot be resolved by LEARN360 Tier 1 representatives are immediately escalated to Tier 2.

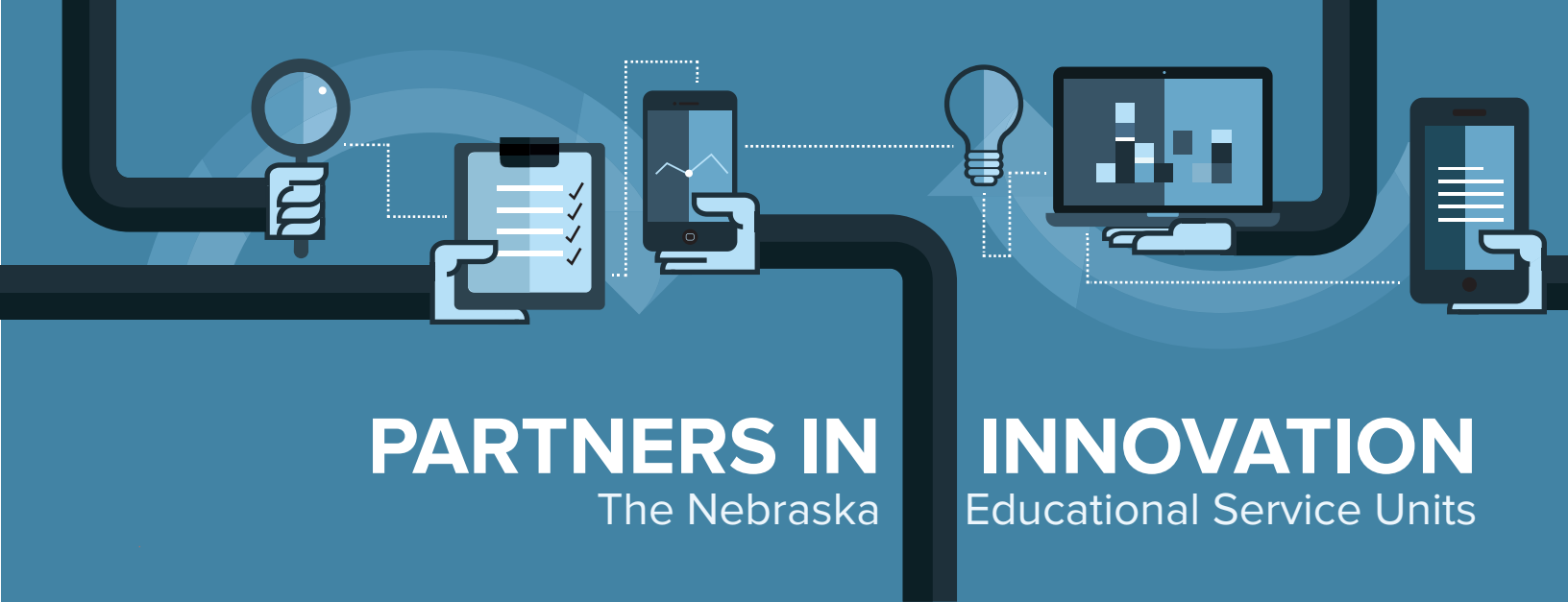
**Tier 2:** Representatives have additional remote support tools at their disposal that allow for more in depth resolution solving possible. LEARN360 Tier 2 representatives use GoTo Assist to remotely connect, troubleshoot and fix any Mac or PC LEARN360 issue a customer has. 90% of the issues logged by our support department are resolved over the phone at the time of call in.

**Tier 3:** In the event that a customer's support issue requires that of a programmer interaction, those issues are promptly handed off for a quick resolution. LEARN360 support representatives maintain an open line of communication throughout the entire process, ensuring that the customer knows exactly what is being done to resolve their issue.



**PARTNERS IN INNOVATION:**  
The Nebraska Educational Service Units





# PARTNERS IN

The Nebraska

# INNOVATION

Educational Service Units

## OUR CHANGING WORLD

Change isn't coming; it's already here. Indeed, the landscape we face today is fundamentally different from any before it in history. And while ethnographic experts may have been required to capture these shifts in the past, today there's no need to go further than your mobile phone to experience it firsthand.

Need a ride? Grab an Uber.

Want a reliable dinner recommendation? Check out Yelp.  
Too tired to assemble that IKEA desk? Go to TaskRabbit.

Uber, Yelp, and TaskRabbit are defined by a local community's ability to make requests and satisfy those requests in real time. Sometimes called "on demand" services, these applications are changing our expectations, behaviors and relationships. The Economist cites the growth of the "on demand" economy as something to watch in 2015 (Economist Staff, January 2015).

Essentially, in today's "on demand" economy, anyone within a network can provide a service (chauffeur, dinner

recommendation, or otherwise) to a willing recipient. Sometimes funds are exchanged, sometimes not. Essentially, being able to seamlessly connect with other people allows almost everyone to benefit from a little extra help every now and then.

And while this shift is new and innovative in the business world, it likely sounds very familiar to educators in the state of Nebraska. Educational Service Units (ESUs) have been the network for providing "on demand" services to school districts for decades. These organizations, established by statute, provide core services to districts in the areas of technology, professional development, and instructional materials (ESUCC, 2013).

**And while this shift to "on demand" is new and innovative in the business world, it likely sounds very familiar to educators in the state of Nebraska.**

Under the direction of the Nebraska Educational Service Unit Coordinating Council (ESUCC), each ESU has been monitoring their growth and capacity as an organization ready to operate in today's digital world. Through a statewide research study, ESUs across the state have demonstrated that they're ready to help districts tackle the large change that looms ahead for all learners in the state of Nebraska (ESUCC, 2013).

## ABOUT THE RESEARCH PARTNERSHIP

During February 2015, 11 ESUs participated in a research study designed to measure their capacity to design and provide services using transformative technology.

To begin the data collection, BrightBytes was identified as a research partner for the work. BrightBytes gathered demographic data for each participating ESU and analyzed thousands of research articles to identify the most high impact behaviors for services across the entire United States.

The research framework, called CASE for Service Agencies, includes demographic data, frequency data, ability data, and perceptive data. Each of these areas was measured through a review of records as well as via questionnaires administered to each participating ESU staff member.

The CASE for Service Agencies framework is divided into four comprehensive domains:



The CASE for Service Agencies framework includes four domains.

The **Customer** domain focuses on the phases of the customer lifecycle, from assessing customer need to designing and developing a product or service to gathering feedback and making adjustments. Throughout, the focus remains on providing effective professional learning opportunities and tools to educators.

The **Access** domain seeks to ensure that ESU staff are prepared for success. Reliable access has an impact on all aspects of a business—from self-efficacy to feelings of connectedness and motivation. In the long-run, access to technology will ensure providers are prepared to leverage their skills to address the diverse needs of the schools they serve (O'Hara, 2014).

The **Skills** domain focuses on three core areas — foundational, online, and multimedia skills — and includes deep dives on common business technologies, such as the use of mobile devices for work-related tasks.

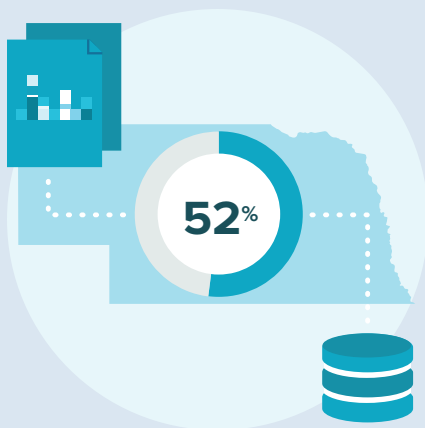
Though the final domain is called **Environment**, it could as easily be thought of as “Sustainability,” for it focuses

on how the organization provides its team members with ongoing support via training, tech support, and a shared culture of technology.

Through a detailed analysis of each of these areas, a number of vital findings were reached.

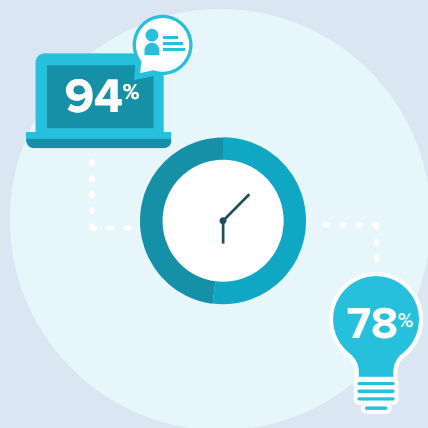
## MAJOR FINDINGS

A review of the data uncovers the qualities and capacities that render the existence of ESUs as invaluable to districts operating in a fluid, digital world. Specifically, ESUs are using data to drive continuous learning and innovative service design. Several Nebraska ESUs rank as some of the highest capacity service agencies across the entire country.



### DATA INFORMED DECISION MAKING

Data collected from ESUs across the state of Nebraska reveals that data is informing many, if not all, of their day-to-day decisions. Over **52%** of ESU staff are accessing online databases to review and collect customer data each month. Further, one quarter of ESU staff conduct weekly industry benchmarking using both internal and external data sets. This ensures that services are developed and provided in ways that reflect both district needs and industry standards.



### INNOVATIVE SERVICE DESIGN

ESU staff develop services that reflect the changing times and respond to geographic challenges. Over half of ESU staff provide services using blended models every three months. Many different efforts, including the BlendEd initiative, have facilitated this shift across the state. Over **78%** of ESU staff believe that their organization uses technology in innovative ways and **94%** of ESU staff believe that technology makes them more productive. Thinking beyond face-to-face connections allows ESUs to offer more services that improve student learning across the state of Nebraska.



### A COMMUNITY OF LIFELONG LEARNERS

The final quality inherent to ESU success is the strong culture of continuous learning. ESU staff across the state have strong professional learning habits, allowing them to stay “ahead of the curve” when it comes to new pedagogies, research, and educational trends. Of all Nebraska ESU staff, **40%** is receiving professional development every several months, and **56%** believe the professional development is of high quality. Further, **40%** of staff report receiving regular recognition for integrating new technologies into their work which is four points above the national average.

## MOVING FORWARD

Service agencies in Nebraska are a model for continuous improvement. They are essential contributors to district and student success. As ESU leaders across the state consider their current capacity for innovation, many have put together strategic next steps to push their organization forward. Participants will collect data again in the Fall of 2015 to track gains over time. ESUs are providing “on demand” solutions for learners across the state of Nebraska.

## PARTNERSHIP

The collaboration between Nebraska’s Educational Service Units and BrightBytes would not have been possible without the contributions of:

- **David Ludwig**, Executive Director, ESUCC
- **Kristen Swanson**, Director of the Research Institute, BrightBytes
- **Susan Leddick**, Educational Consultant and President of Profound Knowledge Resources, Inc.

## REFERENCES

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## Committee Report

**PROJECT NAME:** IMat

**PROJECT DIRECTOR:** Rhonda Eis

**REPORT PERIOD:** May 4, 2015

### **COMMITTEE REPORT:**

At the March meeting, IMat members worked on defining the IMat vision, commitment and action plan and in April had the opportunity to review, comment and make suggestions. The draft version has been shared for the Technology Committee to review.

ESUs will be invoiced in May or early June for IMat Projects.

### **Media on Demand - Online Subscription Service**

Learn360 – 3 year price agreement renewed annually. This is a flat rate for up to 280,000 students with additional cost per student over this amount. With the current ESU participation, student population is under 280,000. Cost includes technical support. Pricing has been provided for optional training sessions.

Year 1 – 2015-16: \$105,000; Year 2 – 2016-17: \$112,000; Year 3 – 2016-17: \$119,000

### **New Acquisitions (Spring Buy)**

Visual Learning, Human Relations Media and Disney Educational have been notified of purchase approval. Purchase orders and contracts will be issued in May. IMat purchases will add 43 titles to the collection for a cost of less than \$50 per title per ESU.

- Disney Educational – Three year agreement for digital rights (stream/download) for the 32 titles.
- Human Relations Media – Five year agreement for digital rights (stream/download) for two titles on suicide prevention. DVD copies can be ordered for a discounted price of \$10 per title if needed.
- Visual Learning – Lifetime agreement for digital rights (stream/download) for nine science titles.

**Special Projects** – Funds will be used for the single sign on and portal system.

# IMat Vision, Commitments and Action Plan Draft (2015)

**Original vision statement:** Providing quality resources for all students and teachers in Nebraska.

**Revised vision statement:** To lead in the curation of high quality learning objects that will enhance education for all learners in Nebraska schools.

**Definition: Content curation is the process of collecting, organizing and displaying information relevant to a particular topic or area of interest.**

## Commitments

1. To provide leadership in the selection, evaluation, and use of both subscription and free resources that will enhance teaching and learning in blended and traditional environments
2. To curate educational resources aligned to Nebraska academic standards
3. To provide statewide equitable access to a variety of current and up to date educational resources for all learners

## Action Plan

1. Communicate with educators about the resources available
2. Use ESU- and state-provided resources in our own professional development
3. Provide a subscription service or catalog thereof of baseline digital resources
4. Research, evaluate and recommend current learning resources
5. Provide coaching in the selection and evaluation of both paid and free resources
6. Encourage creation of resources
7. Create state-owned LOR with federated search capabilities across multiple resource libraries
8. Add resources to the state-owned LOR (LMS, World Book, Hippocampus (NROC), EdReady, etc.)
9. Train educators and all learners on how to use the LOR
10. Review standards alignment process for resources and/or budget funds to add Nebraska standards to resources
11. Recommend instructional materials/resources needed for state-level initiatives for the COOP bid process

# Technology Committee Update

*Scott Isaacson*

May 5, 2015

## Statewide Technology Plan

### **Cloud Learning Environment**

The contract with Unicon was signed and the contractor has identified project leads. We will have our initial project management meeting this week. They are completing some work in progress and expect to be able to start work with us shortly. Design work continues on the multi-data center infrastructure proposal and will be brought back after completion and review. The statewide cloud planning group will meet on May 14th and will consider questions of what level of server and data center capacity is needed, how best to provide that capacity, and how school districts who have no directory system in place will be able to participate in the single sign-on environment. Single sign-on and portal services will be available to ADVISER pilot school districts in May & June, in coordination with the data staging and validation activities, and available more broadly by the end of summer as the project work progresses with Unicon.

### **IlliniCloud**

Bernie A'cs will participate with our team and Unicon in project management meetings to offer advice on our implementation as it progresses.

### **LOR**

We are researching and designing a solution to host and stream state-licensed titles on a local streaming server in combination with Learn360's web interface. They provide the option in their software to add content links to their index, allowing our users to access and stream the content in the same way they access Learn360 now. We have received technical requirements from Learn360, are reviewing those, and plan to prepare a system for testing this month.

### **LMS**

Craig Peterson and I have met with representatives from Canvas, Schoology and Blackboard regarding statewide pricing for their systems and their participation in the COOP system. They, along with our legal team, are reviewing contracts and those will be presented through the COOP committee for adoption. MoodleRooms (owned by Blackboard), Remote Learner and WebAnywhere are commercial providers of Moodle hosting and support and are under consideration with the intent to select one Moodle provider. These contracts should be completed in May

## **ADVISER Ed-Fi Dashboard**

Data staging with PowerSchool pilot districts is now expected to begin in mid-May, and for Infinite Campus districts in late May. The next wave of early adopters includes 22-25 districts who are scheduled to go live on the dashboard system in December 2015. A support team involving ESUs, ESUCC, and NDE continues to meet every 2 weeks currently to develop and discuss support procedures for the ADVISER system. A demo version of the dashboard software and sample data set is nearly complete and will then be made available for those who would like to explore the software's features.



## **Committee Report**

**PROJECT NAME:** Distance Learning

**PROJECT DIRECTOR:** Gordon Roethemeyer

**REPORT PERIOD:** May, 2015

### **COMMITTEE REPORT:**

An EdReady Site Administrators training was led by NROC's EdReady rep. for Nebraska and myself on April 21st with 14 ESU contacts participating. Site Administrators can setup accounts for teachers in the schools they serve. A webinar for Nebraska math teachers was held on April 29<sup>th</sup> to share news about EdReady and talk about best practices.

NROC's Developmental English is being piloted this summer and will be available to schools at the start of school in August. Developmental English is a complete online course that can be delivered through any of the major Learning Management Systems.

ESU DL Coordinators are evaluating their need for additional Zoom licenses and entering the data into a Google spreadsheet. Some ESUs have expressed the need for 50 - 100 additional Pro-User license to accommodate their schools. If we get similar estimates from other ESUs we could need to contract for 1000 - 2000 Zoom licenses. This would move us to the enterprise level resulting in a much lower cost per license however, we will probably also need increase the number of H.323 port licenses from 8 to 12 or more. These licenses will still cost about \$600 per port per year.

The cost of all Zoom licenses has been split between the ESUs participating based on the number of Pro User license they need. The cost of H.323 port licenses has been shared equally between those using Zoom. I have talked to Craig Peterson about handling the Zoom contract and will introduce him to Alex Ho the Nebraska rep. for Zoom.

**NEW BUSINESS:**

Since the Distance Ed. Advisory Committee will not be ready to finalize their requests for Zoom licenses needed for 2015-16 until our June meeting, I would like the ESUCC's approval to let Craig and I work out a deal proposal based on projected need after DEAC meets and then get final ESUCC approval at your meeting in late July. The Zoom contract is up for renewal in August.

**OLD BUSINESS:**

Highlight and add text here.