

Oklahoma Connect & Learn Initiative

E-Rate/OUSF Update



OKLAHOMA STATE DEPARTMENT OF
EDUCATION
— CHAMPION EXCELLENCE —

Agenda

Discussion Topics

Introductions

Oklahoma Connect & Learn Initiative

Open Range

OUSF

Funds for Learning

Discussion/ Overview

Questions

Oklahoma Connect & Learn Initiative

K-12 BROADBAND

The Team



NATIONAL GOVERNORS ASSOCIATION



OKLAHOMA STATE DEPARTMENT OF EDUCATION
— CHAMPION EXCELLENCE —



OFFICE OF MANAGEMENT & ENTERPRISE SERVICES



OKLAHOMA WORKS



Education SUPERHIGHWAY

COMPARE & CONNECT K-12



OKLAHOMA STATE DEPARTMENT OF EDUCATION
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Why Broadband Speeds Matter

- Digital learning has the power to dramatically transform K-12 education in the state of Oklahoma:
 - Personalized, Student-Centered Learning
 - Preparing students for the tech enabled workforce they will enter.
 - More cost effective & efficient.
- Adequate broadband connections are the foundation on which all digital learning is built.



The Objectives



Fiber to Every School

Only 78% of Oklahoma schools have fiber based connections



All Districts Meet 2018 Bandwidth Standard

Only 3% of Oklahoma Districts meet the SETDA 2018 1 Mbps* per student bandwidth standard



Wi-Fi in every classroom

Only 66% of Oklahoma districts used their E-Rate budget for Wi-Fi access



Make Broadband Affordable

Only 3% of Oklahoma schools pay less than \$3 per Mbps for their broadband connections



Federal E-Rate Program Changes

- Historic opportunity to fund fiber builds for schools:
 - We only have 18 months.
 - Requires a 15% match.
- \$150 per student for Wi-Fi network buildouts (Category 2).
- Pays up to 90% for broadband connections and technology needs

The Path Ahead

- ▶ This is a **voluntary** program.
- ▶ Districts are prioritized based on current technology.
- ▶ Meeting one objective makes the other objectives possible – i.e. getting a school fiber is necessary to meet bandwidth standard, which is needed for wireless and higher bandwidth brings cost per Mbps down.



CompareAndConnectK12.org

Education SUPERHIGHWAY
COMPARE & CONNECT K-12

COMPARE BROADBAND SERVICES | COMPARE SCHOOL DISTRICTS

LOCATION
Oklahoma
Ada

RADIUS (MILES)
25 | **50** | 75 | 100 | State

SERVICE TYPE
Internet Access | District WAN

VIEW AS
\$/Mbps | Bandwidth/student

LOCALE

Map Data:

Location	\$/Mbps
Ada	\$8.91
Other District 1	\$9.10
Other District 2	\$61
Other District 3	\$36
Other District 4	\$35
Other District 5	\$53
Other District 6	\$15
Other District 7	\$23
Other District 8	\$30
Other District 9	\$99
Other District 10	\$17

Ada Pop-up:

- Internet Access Monthly Cost / Mbps:** \$8.91
- Internet Access per Student:** 122 kbps
- Internet Access Service Providers:**
 - OneNet (Oklahoma State Regents)
- [View all services for this district](#)



Questions?

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OMES-IS

OMES IS Vision

We are one, unified state IT resource – promoting collaboration, innovation and operational excellence while striving to provide quality services and become trusted advisers through strategic alliances and by contributing to the development of a more effective government for our citizens.



OMES IS Mission & Goals

To partner with State of Oklahoma agencies and affiliates to deliver quality, cost effective and secure information technology services.

► **Goals/Values:**

- Drive business innovation through technology.
- Promote collaboration across state entities.
- Utilize all government resources effectively and efficiently.



Partnership & Collaboration Initiatives

Affiliate Partner

Any governmental entity specified as a political subdivision of the State.

Examples:

- Cities
- Counties
- K-12 districts
- Higher Education Institutes
- Tribes
- Hospitals



Partnership Approach

OMES IS Should:

- Add value to every interaction with our agencies and affiliates
- Quickly adapt to the needs of our partners
- Provide quality, innovative and secure solutions
- Communicate meaningfully with our partners

This will allow us to ultimately transform IS's role from a regulator to that of a trusted advisor for our partners.



Collaboration Approach

- ▶ Public Education
 - K-12 Schools
 - Higher Education
 - Career Technology Centers
- ▶ Hospital Association
 - Federally Qualified Health Clinics
- ▶ Public Safety/First Net
- ▶ Tribal Organization
 - Chickasaw Nation
 - Choctaw Nation
 - Cherokee Nation



Open Range

What is OpenRange?

- ▶ The program is intended to facilitate communication with and educate state agencies and affiliates of availability of shared information technology contracts and services.



What is an Affiliate

Any governmental entity specified as a political subdivision of the State.

Examples:

- Cities
- Counties
- K-12 districts
- Higher Education Institutes
- Tribes
- Hospitals



Opportunities: Current and Future

▶ **Current:**

- Web Content Management System
 - CMS Lite Pilot
- Statewide Contracts
- Disaster Recovery- Storage and Data Center space

▶ **Future:**

- Security Services- Audit/Penetration Testing



Partnerships and Collaborations

- ▶ State Department of Education
 - SIS/SIF
 - Increased Communications (ListServ – IT Directors/SDE/OMES IS)
- ▶ Muskogee Public Schools
 - AS400 Server
- ▶ Funds for Learning
 - E-rate trainings and service offering
- ▶ Oklahoma Connect and Learn Initiative



Security Services

- ▶ Penetration test pilot program
 - Union Public Schools
 - Oklahoma City Public Schools

- ▶ What other services would benefit school districts?
 - Employee Cyber Security Awareness Training
 - Cyber Warn Integration
 - Security Audit
 - Anti-Virus
 - Disaster Recovery



E-rate

► Current Contract

OMES has partnered with Funds For Learning to provide Oklahoma schools and libraries with no cost E-rate support services, including:

- Access to a help desk for assistance with common E-rate questions.
- Live and prerecorded online E-rate training sessions.
- Annual Workshops and Training

► Upcoming Statewide Contract- IT Advisory



Statewide Contracts

<u>SW1024</u>	Email Encryption	SW1024	9/22/2016	9/22/2018
<u>SW1025</u>	Information Technology Staff Augmentation Services	SW1025	12/31/2016	12/31/2017
<u>SW1027</u>	Communication Tower Equipment and Services	SW1027	2/28/2017	2/27/2017
<u>SW1029</u>	Information Builders	SW1029	6/30/2016	6/30/2020
<u>SW1031</u>	Cable/Fiber Locate Services	SW1031	7/11/2017	7/11/2017
<u>SW1034X</u>	Xerox Managed Print Services	SW1034X	6/16/2017	6/16/2019
<u>SW1035</u>	Technology Based Recording Equipment and Services	SW1035	12/20/2020	12/20/2016
<u>SW1037</u>	Medical Billing Services	SW1037	8/20/2016	8/20/2019
<u>SW104</u>	Disposable Gloves	SW104	3/31/2020	3/31/2020
<u>SW1041</u>	Software Value Added Reseller - SHI	SW1041	10/1/2016	10/1/2016
<u>SW1042C</u>	Risk Assessment, IT Governance, Risk Management and Compliance Services - Coalfire	SW1042C	9/14/2016	9/14/2016
<u>SW1042D</u>	Risk Assessment Services - Denim Group	SW1042D	9/6/2016	9/6/2016
<u>SW1042M</u>	Risk Assessment Services - Myers and Stauffer	SW1042M	9/14/2016	9/14/2016
<u>SW1042N</u>	Risk Assessment Services - Novacoast	SW1042N	3/7/2017	3/8/2017
<u>SW1044C</u>	Identity Management Software and Services	SW1044C	2/12/2017	2/12/2020
<u>SW1045</u>	Customer Relationship Management (CRM) System	SW1045	12/29/2016	12/28/2021
<u>SW1046A</u>	Westlaw Online Legal	SW1046A	9/28/2016	6/30/2020
<u>SW1047</u>	Skillsoft Professional Development Software	SW1047	1/31/2017	1/31/2017
<u>SW1048</u>	Surveillance Equipment and Services	SW1048	9/10/2016	9/10/2017
<u>SW1048C</u>	Convergent Surveillance Equipment & Services	SW1048C	10/4/2016	10/4/2017
<u>SW105</u>	Child Safety Seats	SW105	4/30/2017	4/30/2017



Statewide Contracts

- ▶ SW1020- Computer equipment, PC's, Laptops, Tablets, Chromebooks
 - Dell
 - Apple
 - HP
 - IBM
- ▶ SW1010 Microsoft, Adobe & SAP /Crystal Reports Software and Services-SHI
- ▶ SW1034X Xerox Managed Print Service
- ▶ SW1021 Audio Visual Equipment
- ▶ SW1048 Surveillance Equipment & Services



References

- ▶ Open Range website
www.openrange.ok.gov
- ▶ David Rose Account Executive
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- ▶ Shauna Cole Program Manger
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- ▶ Glenda Caudle Strategic Alliance
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Outreach

▶ Roundtables

- Tulsa Area IT Directors- April 19th
- Tulsa Area Follow Up- May 5th
- Dell STEM Day- May 11th
- ED Camp- June 1st
- Associations- June 13th
- Enid Area IT Directors- June 14th
- Clinton Area IT Directors- June 20th

• Other Outreach

- Education/ Tech Centers- 48
- Cities-10
- County Governments-9
- Roundtables-5
- Non-Profits-2
- Conferences/ Dell STEM day/ ED Camp Tulsa
- Conference Calls- 6
- Association Visits- 7
- E-Rate Classes- 4



Questions?

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Questions?

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