Office of Digital Teaching & Learning

Technology Townhall

May 2022

Russell Deneault
Director of Technology, Creighton
School District
Vice President, AASBO

Kelly Krusee
Program Manager
Office of Digital Teaching & Learning

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TOWNHALL OBJECTIVES

- Introductions, review of purpose and goals
- Group will learn about:
    - Updates from Office of Digital Teaching & Learning
    - Device as a Service
    - Emergency Connectivity Funds
    - Cybersecurity practices
    - Consortium of School Networking
- Gather feedback and input from participants
- Announcements & Closure

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Introduction, Updates

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Arizona Department of Education Five Year Strategic Plan

Priority #1: Student Equity and Achievement

Priority #2: Educator Recruitment and Retention

Priority #3: Safe and Healthy Schools

Priority #4: Strategic Funding
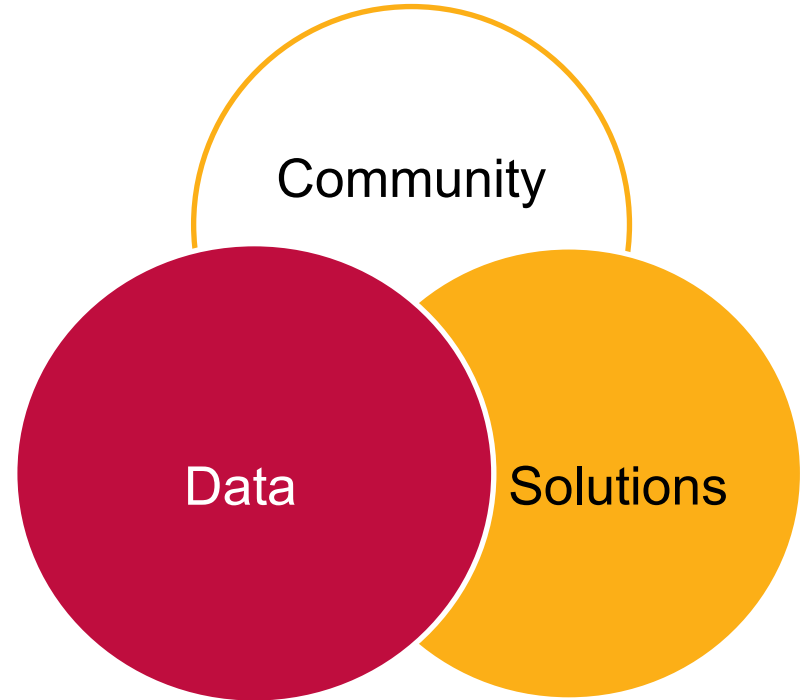
Priority #5: Strategic Data Use

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ODTL Strategic Plan

1. Build Community with Local Education Agencies and solution experts

2. Gather Data / Measure Progress

3. Facilitate Technology Solutions and Resources

Community

Data

Solutions

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Published Strategy:

https://bit.ly/373tdXb

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Public Dashboard:

https://bit.ly/3x69SQb

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Learning Lab:

https://www.azed.gov/technology/odtl-learning-lab

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Strategy

Community

-Engaging Local Education Agencies and solution experts in Communities of Practice

-Facilitating knowledge sharing

-Facilitating training opportunities for Local Education Agencies, families and students

-Economies of Scale

Data

-Identifying and tracking metrics of success: Key Performance Indicators

-Developing evaluation instruments for Local Education Agencies to use for their internal evaluation practices

-Continuous evaluation of opportunities that drive solutions

Solutions

-Digital Devices

-Connectivity

-Digital Skills

-Data and Security

-Policies & Procedures

-Classroom Innovation

-Digital Transformation

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Updates

- Assessment
- Information Gathering
- School Visits
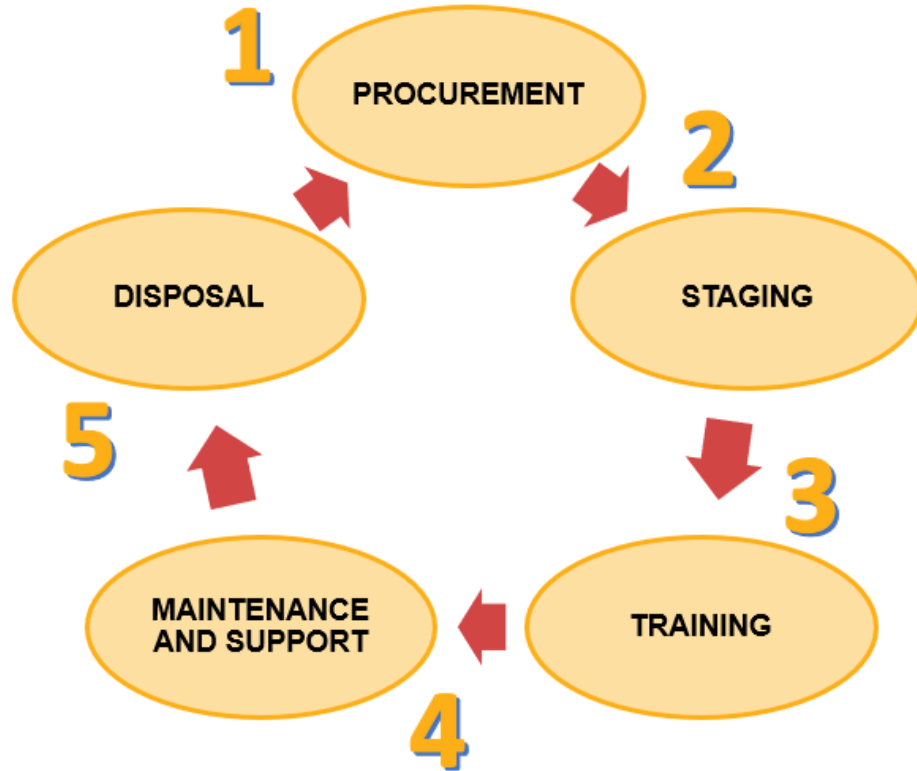- Proofs of Concept
- Information sharing
- Gathering practitioners

Economies of Scale in the Management of Digital Devices

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Device Lifecycle

A suite of solutions that support the overall management of K12 digital devices: from procurement, to staging, training, maintenance and support, to the disposal of older devices.

Economies of Scale

State-approved contracts with **multiple qualified vendors and state agencies** that offer services in the following areas:

- Windows and Chromebook devices
- White glove services
- Cybersecurity protection
- Staging: enrollment, imaging, installation of applications
- Training on the use of the devices and technology
- Maintenance and support packages such as accidental damage protection, repair / replace
- Disposal and responsible recycle plans

Total Cost of Ownership

- Address the needs for IT leaders within each LEA to have training and tools that assist in the budget planning for devices. Understanding of a total cost of ownership (TCO) model that includes **the purchase price of devices plus the costs of operation**.

Next Steps

- You all will receive an Interest Form with the objective of:
    - Understanding upcoming needs for purchase of devices
    - Capture interest in the use of State procurement services for the purchase of devices
    - Capture interest in the use of State provided services for devices

Emergency Connectivity Fund

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Emergency Connectivity Fund

- The third Emergency Connectivity Fund Program application filing window opens on April 28, 2022 at 9 a.m. ET and closes on May 13, 2022 at 11:59 p.m. ET.

Cybersecurity Practices: The Trust

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CYBER LIABILITY LANDSCAPE

Kendra Callaghan, director of operations
Wes Gates, cybersecurity director

May 9, 2022

THE TRUST
ALLIANCE | SCIP

Cyber Liability Insurance Market

- Cyber claims on the rise
  - Phishing
  - Ransomware
  - Increase in attempts since Russia/Ukraine conflict
- Commercial insurance market is raising rates, reducing limits, and (in some cases) removing coverage

Cyber Liability Insurance Market

- Insurance applications are arduous and tedious
- Employers are being asked to provide proof of their "cyber hygiene"

Cybersecurity Goals

- Continue offering cyber liability coverage
- Minimize cyber liability coverage rate increases
- Help members be proactive

Cyber Liability Coverage with the Trust

- Coverage provided since 2013
- Basic cyber liability coverage
- Enhanced cyber liability coverage

Cyber Liability Coverage with the Trust

- $1 million/occurrence
- $1 million annual aggregate per member
- $15 million annual aggregate shared with all members
- $5,000 deductible available
- Higher limits ($3M, $5M) in the enhanced cyber program

2022/2023 Deductible Structure

- 7/1/2022 deadline
- $5,000 deductible for compliant districts
- $50,000 deductible for non-compliant districts
- Deductible conditions:
  - Bi-annual phishing campaigns
  - Proof of air-gap backup system

Cyber Program Updates

Basic Program

- Contribution charged for this program
- $1M/occurrence
- $5k deductible conditions

Enhanced Program

- Increased contributions for enhanced program
- $3M or $5M/occurrence
- Deductible conditions are underwriting conditions
  - Also need multi-factor authentication (MFA)

Cyber: How Can Districts Prepare?

- Educate, educate, educate
- Frequent phishing tests/campaigns
- Air gap backup system
- Multi-factor authentication (MFA)
- Vulnerability scanning
- Cyber risk assessments

Service	Description	Intended Audience	Time
1 Cyber Risk Assessment	The Cybersecurity Risk Assessment process is the initial step in helping districts understand threats to and vulnerabilities of their information systems. This service begins with a risk assessment survey and provides a prioritized list of risks.	IT Managers, Business Managers, and Risk Managers	2 hours
2 Cybersecurity Incident Response Planning	Members using this service can take advantage of a structured approach to creating an Incident Response Plan. Also offered are tabletop exercises designed to train and assist members in working through a possible incident scenario.	IT Managers, Business Managers, Risk Managers, and Emergency Managers	Self-Paced
3 Virtual Chief Information Security Officer (vCISO) Services	Districts can engage with a subject matter expert on cybersecurity topics such as: • network architecture, • access control, and • encryption.	IT Managers, Business Managers, and Risk Managers	As needed
4 Cyber Education and Awareness	The Cyber Education and Awareness series includes training on: • general user cybersecurity awareness, • phishing campaigns and education (NEW!), and • disaster recovery.	IT Managers, Business Managers, Risk Managers, and District Staff	As needed
5 IT Policy Templates	Organizations can download and customize policies from the Trust website.	IT Managers and Business Managers	Self-Paced
6 Vulnerability Assessments	An external vulnerability scan will be conducted and a report of any identified vulnerabilities and remediation guidance will be provided.	IT Managers	2 hours

The service order given above is suggested for districts that are beginning a cyber security initiative.
The recommended order of services may vary, however, based on each district's cyber posture and need.

Technical terms are defined on the reverse side of this document.

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Cybersecurity Practices: Maricopa Unified School District

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MUSD Cybersecurity

5/9/2022
Christine Dickinson

MUSD Strategic Plan

Goal 2: Every student has access to and equity in excellent educational services, resources, and programs.

Strategy F: Implement the technology strategic plan.

Timeline

November 2018
- DDoS attack
- Loss of connectivity (phones and internet) for five days

December 2018
- Purchase DDoS mitigation (3 year agreement) through ISP

July 2019
- Change in ISP

Outcomes

- CenturyLink/Lumen mitigation agreement
  - Change in ISP
  - Sun Corridor services
  - Pinal County Consortium: Zayo
- CrowdStrike Falcon Sensor installation
  - County support
  - Annual agreement- reseller CDW-G

Internal Procedures

- Collaboration between departments
- Open communication
- Timely account creation/suspension

Data Privacy

- Privacy vs. Security
- Continuous training
- Consortium: Arizona Student Privacy Alliance

Questions?

Is there potential with this at your LEA?

What are the pros and cons?

What does your LEA use or do differently?

Consortium of School Networking

Thank you!

Sean Denny, Robotics & STEM teacher
Cactus High School, Peoria Unified School District

Townhall Meeting Repository

https://www.azed.gov/technology/technology-townhall-meetings

Office of Digital Teaching & Learning

Next meeting:
June 13, 2022
1:00-3:00pm MST

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