

Department of Innovation and Technology Infrastructure Update

February 8, 2023
Board of Education Meeting



DoIT INFRASTRUCTURE CATEGORIES



Develop and maintain robust technology systems

ANNUALLY ASSESS THE STABILITY AND SECURITY OF DISTRICT TECHNOLOGY SYSTEMS

ENSURE COMPREHENSIVE DATA SYSTEMS ARE ACCESSIBLE AND USABLE FOR STAFF

REGULARLY EVALUATE DIGITAL TOOLS AND SUBSCRIPTIONS TO ENSURE THEY ARE MEETING THE NEEDS OF THE SCHOOL SYSTEM AND ARE ALIGNED WITH STRATEGIC WORK



VISION 2026 WORK



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STABILITY AND SECURITY

- **INSTALL NEW SWITCHES AND ACCESS POINTS FOR BETTER CONNECTIVITY DISTRICT WIDE**
 - Fully complete - infrastructure is modernized and now is on a predictable replacement cycle
 - ICN provide internet bandwidth increase from 3 GB to 10 GB



STABILITY AND SECURITY

- INCREASE DISTRICT CYBERSECURITY MEASURES BY DEVELOPING A RELIABLE GUEST NETWORK FOR BYOD DEVICES
 - Network segmentation work completed per recommendation from our penetration test
- OTHER PHYSICAL SECURITY CHECKS
 - Informacast™ operational in all district buildings
 - District admin receive mobile notifications and audio clips of any x1400 all-call message



STABILITY AND SECURITY

- **OTHER ANNUAL SECURITY CHECKS**
 - 2 factor authentication required for all critical district systems
 - 16 character passphrases required for district login
 - Annual phishing campaigns for district staff education



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COMPREHENSIVE DATA SYSTEMS

- ASSESS AREAS OF NEED FOR INNOVATION AND RELIABILITY IN DISTRICT SIS
 - Edupoint is now our direct support for troubleshooting any issue with Synergy
 - Edupoint will soon be directly supporting CUSD200 in maintaining and patching software as needed
 - CUSD200 is investigating having Edupoint store our database of information via cloud storage



COMPREHENSIVE DATA SYSTEMS

- ASSESS AREAS OF NEED FOR INNOVATION AND RELIABILITY IN DISTRICT HR and business system
 - Identified and started the process of Tyler Technologies host our database of information via cloud storage
 - Future proof iVisions software as new features are released
 - Faster support
 - Future projects likely to include streamlining workflow for onboarding new staff



COMPREHENSIVE DATA SYSTEMS

- HIRE INFORMATION SYSTEMS SPECIALIST TO SUPPORT BUSINESS AND HR DEPARTMENTS
 - Sam Reynolds, previously a IT Support Technician hired for role to oversee iVisions as well as to assist with Synergy support as needed.



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SOPPA Compliance - Phase 1

- All district 200 digital tools are monitored for student data and privacy requirements
- Learn Platform is the central hub teachers use to check which tools are allowed
- Learn Platform has a public facing site that parents can see which tools are allowed as well
- Phase 2 - while a tool may be SOPPA compliant we need to ensure it can also be fully supported with district resources



Network Upgrades/Updates

Appendix:

- MDF switching is used for all the routing between the schools to pass voice and data traffic to and from the SSC.



Questions?

