TECHNOLOGY

2025-26
MID YEAR REPORT

TABLE OF CONTENTS

Mission

Current Services

Tickets

Achievements

Tech SWOT Analysis

LIFECYCLES

Cybersecurity SWOT Analysis

Future Forward

MEET OUR TEAM

Vincent Holgun
Technical Assistant

Jacob Willbanks
Network/Systems Analyst

Mike Lew
Sr. Database Analyst

Jamil Soltani
Director of Technology & Cybersecurity

TECH MISSION:

Mission Statement

The Technology Department empowers discovery, learning, and growth by providing a secure, reliable, and innovative tech environment. We ensure robust support, proactive system management, and impactful professional development, inspiring every member of our school community.

Guiding Principles

Maintaining existing services and tech functions before introducing new technology. Prioritize safety and educationally related needs.

CURRENT SERVICES

Professional Development

Data Security & Privacy

Permissions, Accounts, Student Data Privacy, Cameras

Software Support

Educational Software
Productivity Software

Network and infrastructure support

Firewall, Webfilter, Network, Servers, IoT, MDM, Audio Visual, Telephony, Access Control

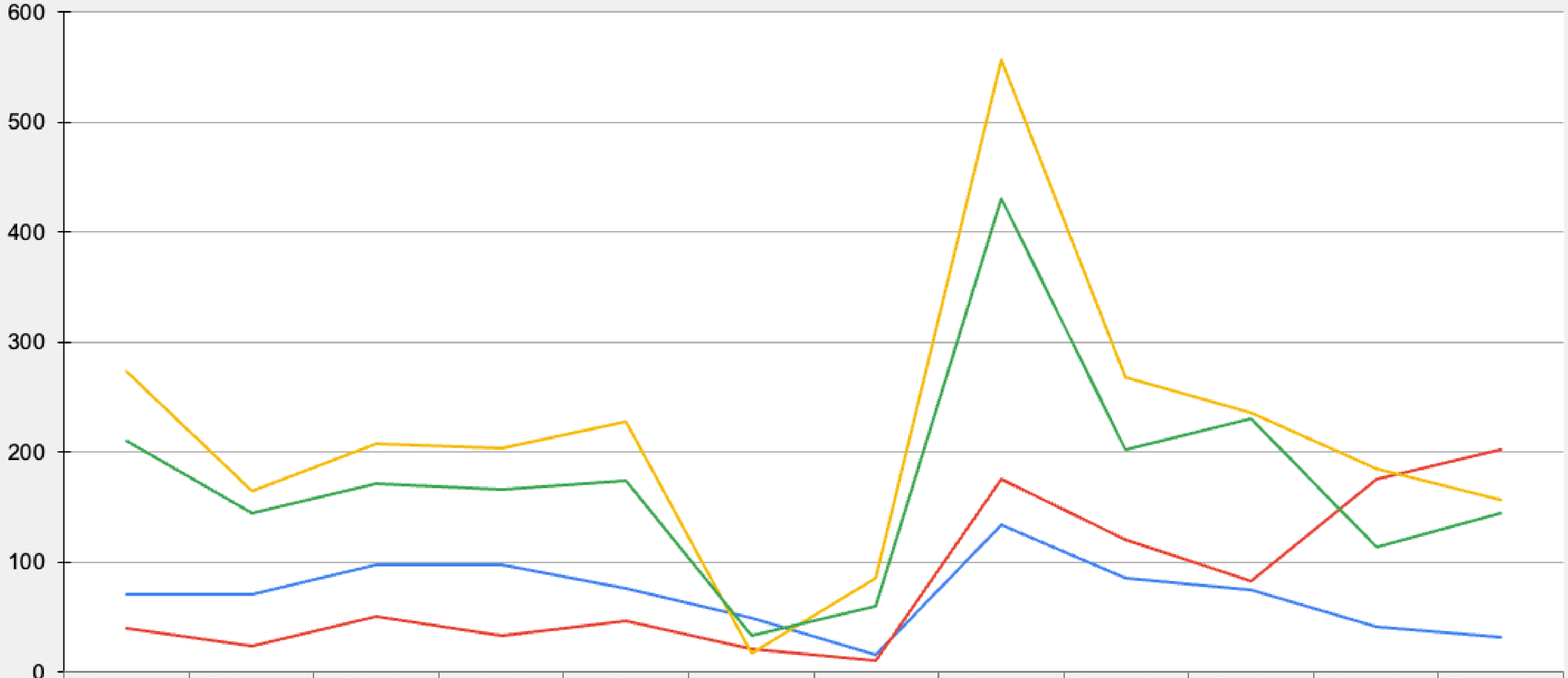
Device Support

iPads, Laptops, Desktops

Compliance

Calpads, SEIS, Calsaas, CDE , etc..

Technology Department Helpdesk Tickets



	January	February	March	April	May	June	July	August	September	October	November	December
2022	70	70	98	97	76	49	16	134	85	75	41	32
2023	40	23	50	33	47	21	10	176	121	83	175	203
2024	274	165	207	204	228	17	86	557	268	236	185	157
2025	211	145	172	166	174	33	60	431	202	231	114	144

ACHIEVEMENTS

AUDIO/VISUAL UPDATE PILOT

SMARTBOARD EVALUATION & PILOT

DEPRECATION OF POTS LINES

CHATGPT DOMAIN IMPLEMENTATION

ERATE RENEWAL

DOMAIN NAME SELECTION AND GOOGLE IMPLEMENTATION COMPLETED

PARENTSQUARE PAY & ATTENDANCE NOTIFICATION

VERKADA CAMERA SYSTEM PHASE 2 PLANNING

PAC UPGRADES PLANNING

POWERSCHOOL → GOOGLE SHEETS API BASED EXPORT

TECHNOLOGY SWOT ANALYSIS

STRENGTHS

Highly Responsive Support

Experienced & Stable Team

Strong Network Infrastructure

Strong Google Suite Integration

Streamlined Learning Ecosystem

Efficient Device Management

WEAKNESSES

Classroom A/V
Past end of life

Public Announcement System
Past end of life

PAC A/V
Past end of life

Overhead Projectors
Past end of Life

OPPORTUNITIES

AI For Staff & Students

Professional Development
Continuity Strategy

Cross-System Integrations for
Safety

THREATS

Hardware Failure

Lack of Funding

Evolving Technologies

Technology Adoption

Misuse of Technology

Insufficient Staffing

INFRASTRUCTURE LIFECYCLE (YEARS)

LEGEND

RECENT

MID CYCLE

END OF LIFE

CAMERAS	7 - 10 (~180K)
STUDENT IPAD REFRESH	3 - 5 (~150K)
STAFF IPADS/LAPTOPS	4 - 6 (~70K)
DOCUMENT CAMERAS	5 - 7 (~14K)
TELEPHONE SYSTEM	7 - 10 (~12K + ONGOING)
ACCESS CONTROL SYSTEM SOFTWARE	15 - 20 (~160K)
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SUM	601K

INFRASTRUCTURE LIFECYCLE (YEARS)

CLASSROOM PRINTERS	3 - 5 (~56K)
CLASSROOM DESKTOPS	5 - 7 (~70K)
NETWORK PROTECTION LAYERS	5- 8 (~40K)
NETWORK ACCESS POINTS	5 - 8 (~50K)
NETWORK SWITCHES	7 - 10 (~80K)
CLASSROOM SWITCHES	7 - 10 (~50K)
NETWORK CABLING	10 - 20 (~200-300K)
ACCESS CONTROL SYSTEM HARDWARE	10 (~150K)
BACK-UP POWER SUPPLIES	3 - 5 (~10-22K)
PAC MICROPHONE SYSTEM	7 - 10 (~50-65K)
PAC VIDEO RECORDING SYSTEM	5 - 10 (~25-30K)
PAC LIGHTING CONTROL & FIXTURES	5 - 10 (~80-95K)
**THEATER RIGGING CONTROLLER	5 - 10 (~50K)
**ENTIRE THEATER RIGGING SYSTEM	10 - 25 (~300K)
COMPUTER LAB (503)	5 - 6 (~57K)
COPIERS/MULTIFUNCTION PRINTERS	5 - 7 (~2K ONGOING)
BACK-UP SERVERS	7 - 10 (~7K)
FIELD AUDIO SYSTEM	10 - 15 (~20 - 50K)
FIELD / GYM SCOREBOARDS	15 - 20 (~100 - 200K)
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SUM	1.4 - 1.7 MILLION

LEGEND

RECENT

MID CYCLE

END OF LIFE

INFRASTRUCTURE LIFECYCLE (YEARS)

LEGEND

RECENT

MID CYCLE

END OF LIFE

***CLASSROOM OVERHEAD PROJECTORS	5 - 10 (~2K EA) 25K
CLASSROOM SMARTBOARDS	5 - 8 (~170K)
~~PROJECTOR SCREENS~~	10 - 15 (~5K)
**CLASSROOM SPEAKERS & AMP	10 - 15 (~145K)
PAC SOUND SYSTEM	7 - 10 (~30-50K)
PAC AUDIO MIXER	7 - 10 (~50-60K)
PAC PROJECTORS	5 - 10 (~10-15K)
PUBLIC ANNOUNCEMENT SYSTEM	10 - 15 (~30-62K)
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SUM	465K - 522K

**SPECIALIZED PROJECTOR FOR VIRTUAL BACKDROPS	UNKNOWN (~100K)

CYBERSECURITY SWOT ANALYSIS

STRENGTHS

Apple Computers (Better Security) ≠ Restrictions in Technology (Apple OS)

Good Infrastructure Equipment

Data Security Practices

Cloud Data Storage & Backup

Multifactor Authentication

Working with CIS, CISA, MS-ISAC

WEAKNESSES

Cybersecurity Training Continuity

Business Continuity Plan

OPPORTUNITIES

Professional Development for IT

Technology Advisory Group

Growing Awareness on Cybersecurity in Education

Delegate Authority to Sign DPA's

Criteria for new employees

Advanced Tech Tools

THREATS

Federal Cuts

Limited Resources

Cyberattacks

Evolving Landscale (AI)

Legal and Regulatory Changes

FUTURE FORWARD

APP & SOFTWARE CLEANUP

TECH SKILLSET CROSS TRAINING

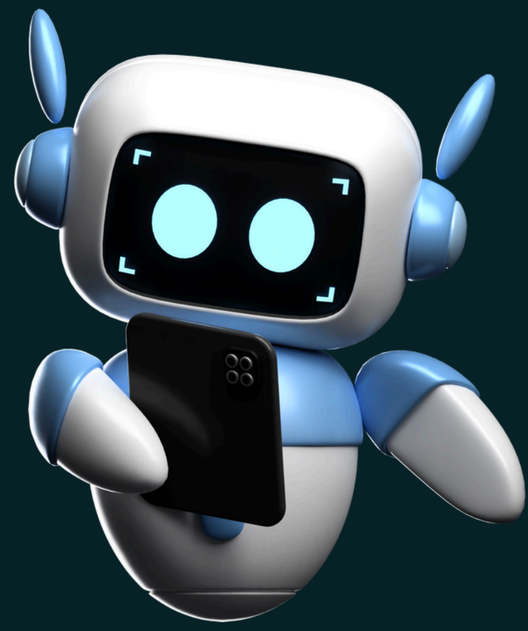
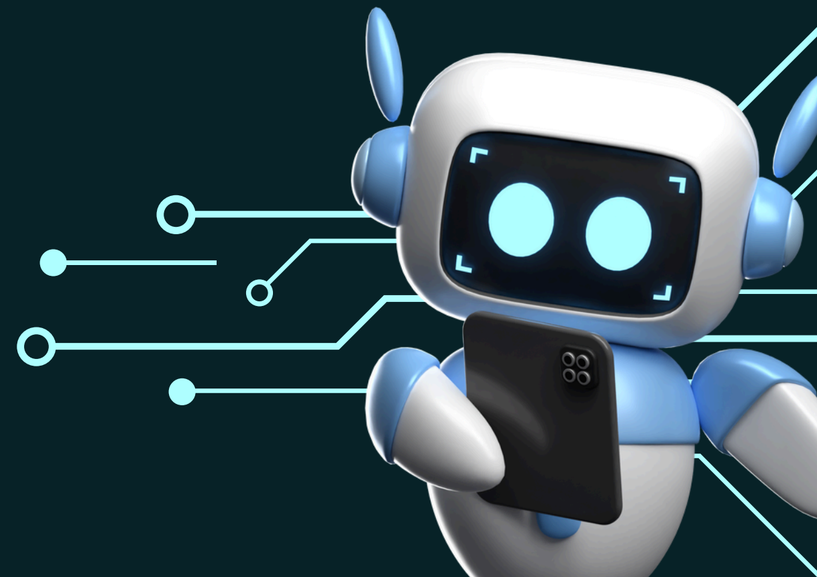
ADVANCED STUDENT LEARNING TOOLS

CLASSROOM AUDIO/VISUAL IMPLEMENTATION

PAC SYSTEM UPGRADE

CYBER SECURITY

WEBSITE WORK



THANK YOU