

ISD12 Technology

- Overview of Technology
- Cyber Security Journey Update

School Board Presentation - Work Session, January 6, 2025




CENTENNIAL
SCHOOL DISTRICT 12

CONNECTING. ACHIEVING. PREPARING.


ISD12 Technology Department

Team

- Director
- System Administrator *
- Database Manager
- Student Information Specialist
- Technology Specialists (3) *
- Technology Assistants (3)
- Print Center Operator
- 0.5 Tech Integration Coach




STRATEGIC ROADMAP



MISSION
OUR CORE PURPOSE


By providing high quality educational **opportunities**, emotional support, and social development, Centennial School District prepares learners for excellence in **their future**.



VISION
WHAT WE INTEND TO CREATE

Centennial School District is a welcoming environment where all students, staff, and families belong and will:

- Provide **innovative, personalized, rigorous, and relevant educational opportunities** for each student.
- Build and strengthen relationships and partnerships with the community to offer **educational programs** and opportunities for all.




CORE VALUES
DRIVERS OF OUR WORDS AND ACTIONS

CONNECTING
Engaging students in meaningful ways with their school community.

ACHIEVING
Ensuring student success through **academic excellence in learning and teaching** while supporting students in their growth and achievement.

PREPARING
Providing opportunities for academic excellence to **prepare** students for their future.



STRATEGIC DIRECTIONS
FOCUS OF OUR IMPROVEMENT EFFORTS

- Improving **teaching and learning practices** for student success and achievement.
- Increasing **engagement**, belonging, and strengthening the staff and student experience.
- Supporting staff in **continuous improvement** of professional practice.
- Increasing **family engagement** in student learning and school experiences.
- Improving **efficiency and effectiveness** in district operations.

With input from our stakeholders, the plan includes the goals of providing an educational experience for students, families, and staff.

STUDENT

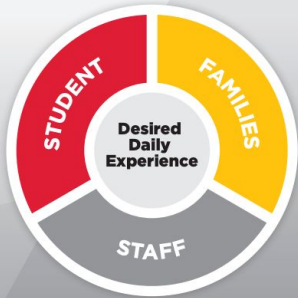
- I enjoy **flexible learning and activity choices** that meet my academic, emotional, and social needs.
- I have access to **technology to support my educational needs**.
- I am comfortable during passing time, lunch, and other times throughout the day.
- I enter a welcoming environment where I **feel safe**, accepted, and belong at school.
- My race and preferences are respected, acknowledged, and accepted.
- I have positive interactions and relationships with students and staff.

FAMILIES

- I receive **consistent communication** from my student's teacher, school, and district to support my student's education.
- My student has the appropriate materials, **resources, and technology**.
- My student's school is welcoming, safe, and inclusive.
- I have opportunities to be involved in my student's school community.
- Staff provide attention and **support to meet my student's needs**.
- My student's school provides a **relevant and rigorous educational experience**.

STAFF

- I receive cohesive and timely **communication**.
- I have a **voice** and my input matters.
- I receive the **support** necessary to be successful.
- I am a trusted, respected, and valued professional.
- I have the **resources that allow me to meet all my students' needs**.
- I am connected and feel like I belong to the Centennial community.
- I have a manageable workload and appropriate class sizes.
- My mental health needs are recognized and addressed.



Serving the communities of Blaine, Centerville, Circle Pines, Lexington, and Lino Lakes.

ISD12 Environment



Services

Infrastructure

Software/applications, Networking, VOip, Devices, Support and Development

Connectivity

Wired and Wireless

District Services

60+ District Wide Services

Safety and Security

Video surveillance, visitor management, door access, e911, cyber



Devices

Staff Devices: 1,100

Student Devices

K-2 iPads: 1,500

3-12 Chromebooks: 5,000

Classroom Technologies

K-5: Smart Panels

6-12: Projectors and ScreenBeams

Scope

Roughly 9,000 ISD12 and guest devices connecting on a daily basis



Applications

Core Applications

Skyward, Rapid Identity, Infinite Campus, Microsoft 365, Google Workspace

LMS (Learning management system)

Schoology and Seesaw

Mobile Device Apps: 500+

Cyber Security Journey

Policy and Procedures

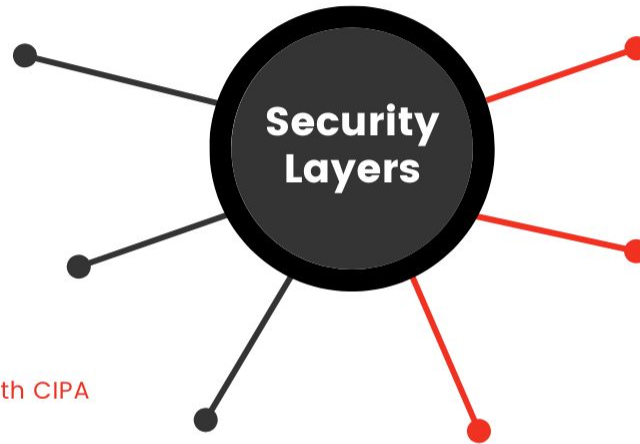
- SBP #524
- Acceptable Use Agreements
- Password Procedure
- Multi-Factor Authentication
- Cyber Insurance Policy

Firewall and Filter

- Keep bad actors out of ISD12
- Filter content in compliance with CIPA
- Microsoft Online Protection

Hardware Compliance and Maintenance

- Asset management
- Asset life cycles
- Updating / Patching Operating Systems
- Data Backup



Managed Awareness*

- End user awareness and training
- Micro Learning Sessions 2-3 times/month
- Phishing simulation

Concierge Team*

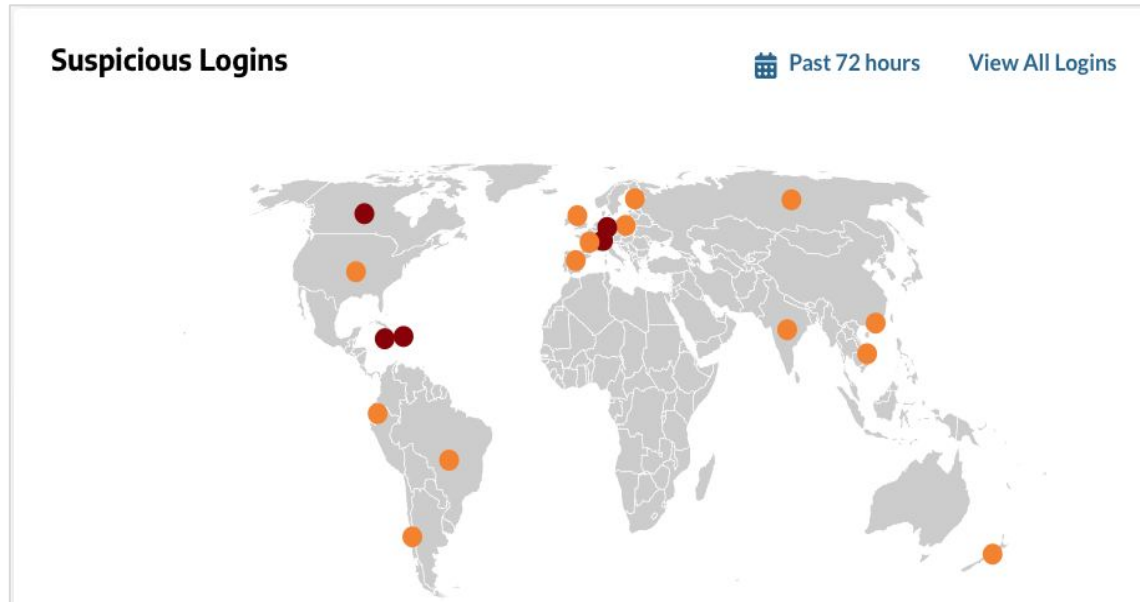
- Dedicated experts that we systematically collaborate with to review, update, strategize, and respond

Managed Detection and Response*

- 24/7 Security Operations Center (SOC)
- Scans assets for security compliance, risks, vulnerabilities
- Monitors data flows in and out of the ISD12 environment
- Monitors cloud account activity such as Google and Microsoft
- Alerts ISD12 by email, tickets, and/or phone

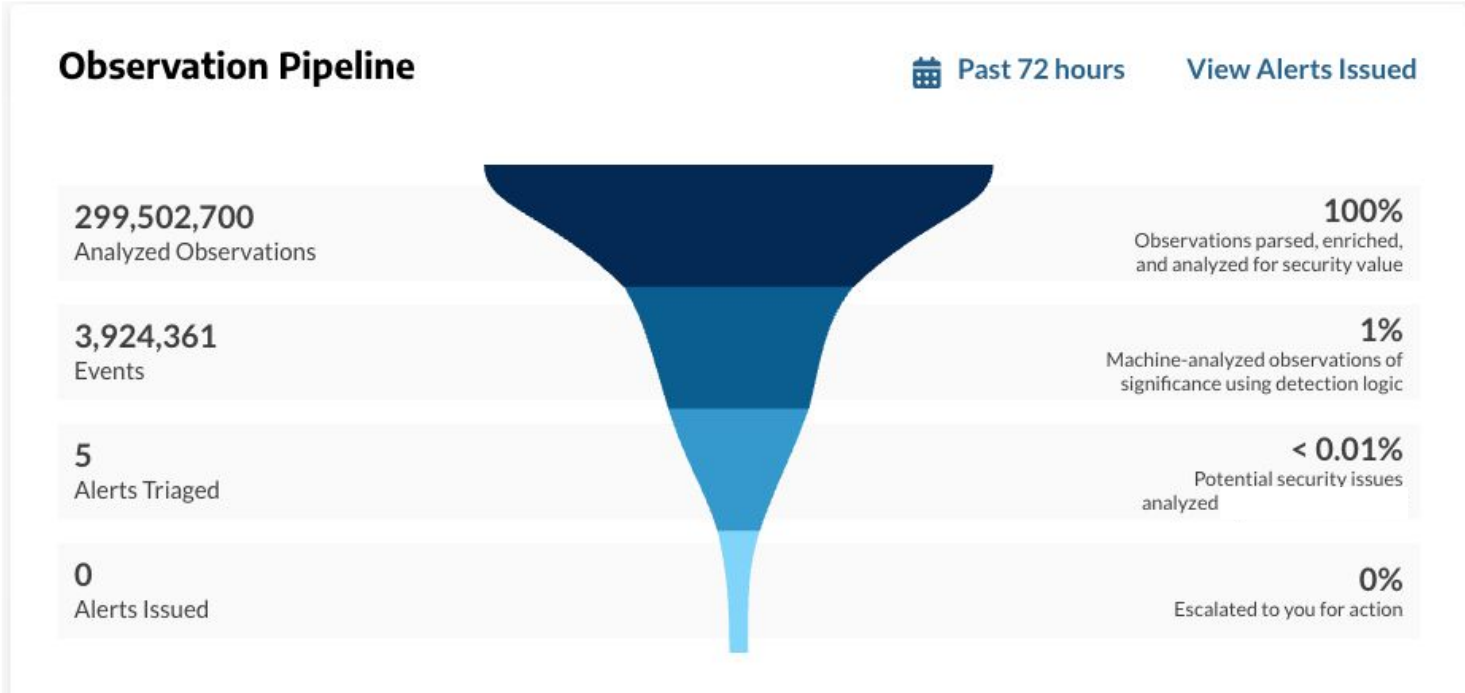
Visibility and Metrics

Managed Detection and Response



Visibility and Metrics

Managed Detection and Response



Visibility and Metrics

Managed Awareness (Training)

Secure Culture Program Summary

SECURE CULTURE SCORE: **78** **STRONG**

998
USERS ASSIGNED SESSIONS

5,130
SESSIONS SENT

2,953
PHISHING SIMULATIONS SENT

Sessions



List of Incomplete Users ([download](#))

Quizzes



List of Low Scoring Users ([download](#))

Phishing Simulation



List of Users Who Clicked ([download](#))

Phishing Simulation Remediation

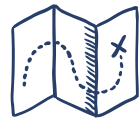


List of Incomplete Users ([download](#))

All Time | Last 90 Days | Last 60 Days | Last 30 Days

EXCELLENT | STRONG | AT-RISK | VULNERABLE

The Journey Continues...



Questions?