

# K-12 Cyber Safety, Security and The Reality of Distance Learning

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A member of the Student Data Privacy Consortium (SDPC)



Student Data Privacy Consortium



**Managed  
Methods**

# Agenda

- ▶ Introduction to ManagedMethods
- ▶ CyberSecurity, Safety & Data Privacy in K-12
  - ▶ Challenges before and after COVID-19
  - ▶ Where we fit in the security stack for a school?
  - ▶ What exactly is Google & Microsoft Cloud Security?
- ▶ How ManagedMethods Works to Secure and Protect Districts
- ▶ Product Demonstration
- ▶ Q & A



# Introduction to ManagedMethods

- ▶ ManagedMethods is a cybersecurity, safety and data privacy platform for G Suite & Microsoft 365
  - ▶ Dedicated to Education!
  - ▶ Protecting millions of users across 650+ schools
  - ▶ Based in Boulder, Colorado since 2014
  - ▶ Launched our K12 platform in Spring of 2017
  - ▶ Google & Microsoft partners
  - ▶ FERPA, COPPA and CSPC Certified
  - ▶ Signed Pledge to Safeguard Student Privacy



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# What our customers say:

*“The addition of ManagedMethods to our IT infrastructure allows me and my team to feel confident about protecting our students and staff when using Google G Suite. The dashboard and alerts provide me real-time info so that I can take immediate action to thwart any threats.”*

**Technology Director**

**Bremerton School District, WA**

*“When I first learned about ManagedMethods I was skeptical that such an inexpensive solution would be able to secure our G Suite data better than Cloudlock. However, after our first week using the solution, I was more than convinced. ManagedMethods has been one of the best technology decisions I’ve made this year.”*

**CSO & Director of Technology Services**

**ESC 12, TX**

*“The student safety component of ManagedMethods paid for itself within a few weeks. We had a couple of incidents that we would not have caught had it not been for ManagedMethods.”*

**Technology Director,**

**Hillsboro-Deering School District, NH**



# Challenges before COVID-19 & Now

*The exposure was there...now it's more obvious.*

## Limited visibility and control over cloud-based file sharing, email and conferencing

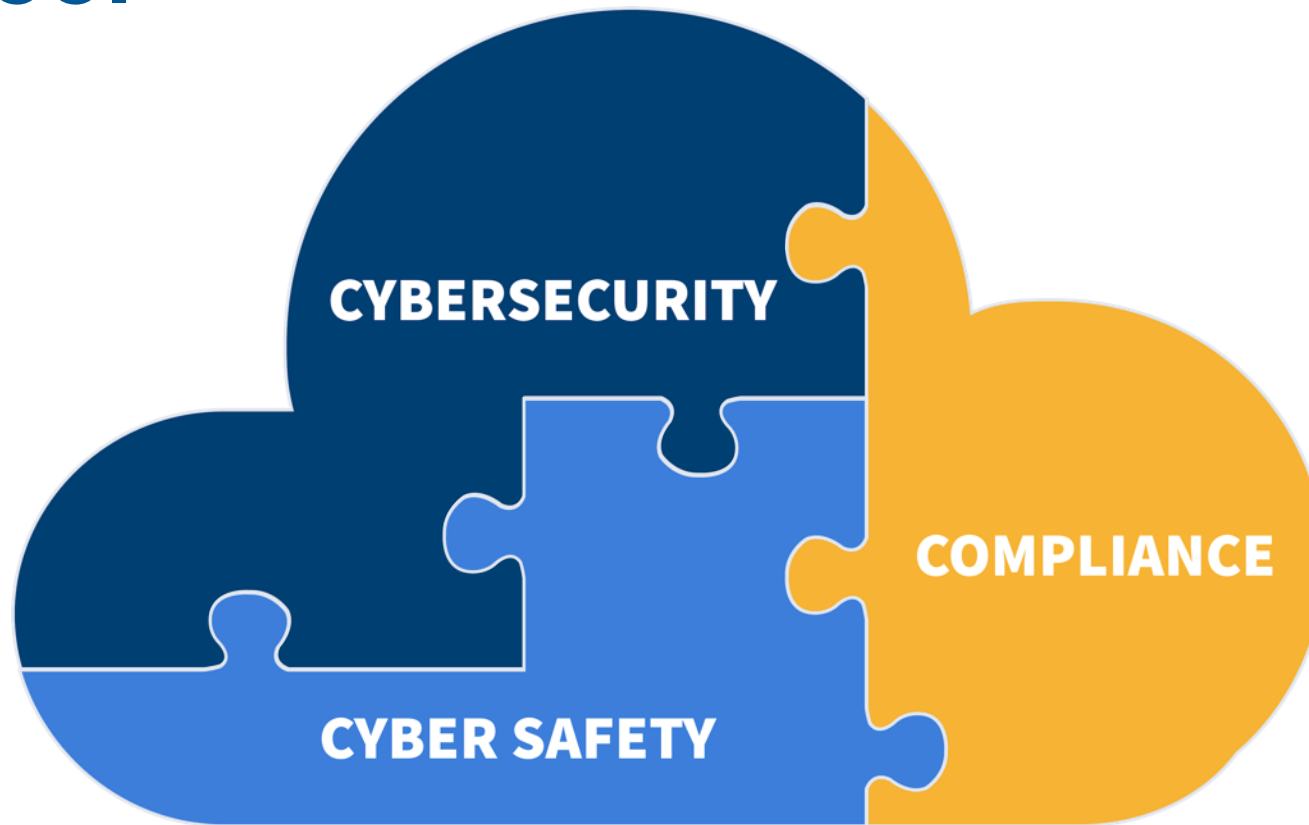
- ▶ Most firewall and content filters did not have visibility.
- ▶ Perimeter based controls (LAN / WAN) were location based.
- ▶ No control over personal BYOD
- ▶ No visibility into file sharing, content stored on system

## Distance / Remote Learning has magnified these problems

- ▶ More file sharing...more risk
- ▶ External (non-school control) devices with access to domain
- ▶ Lack of visibility into harmful content
- ▶ Self Harm
- ▶ Cyberbullying
- ▶ And more...



# Challenges in the cloud-connected school



# Cybersecurity vs. Cyber Safety

## *What's the difference?*

**Cybersecurity: Protects school technology infrastructure & protected personal information**

- ▶ Social Security Numbers
- ▶ Names, Addresses, etc.
- ▶ HIPAA Health Information
  
- ▶ Networks
- ▶ Computers (hardware)
- ▶ Cloud applications (G Suite)

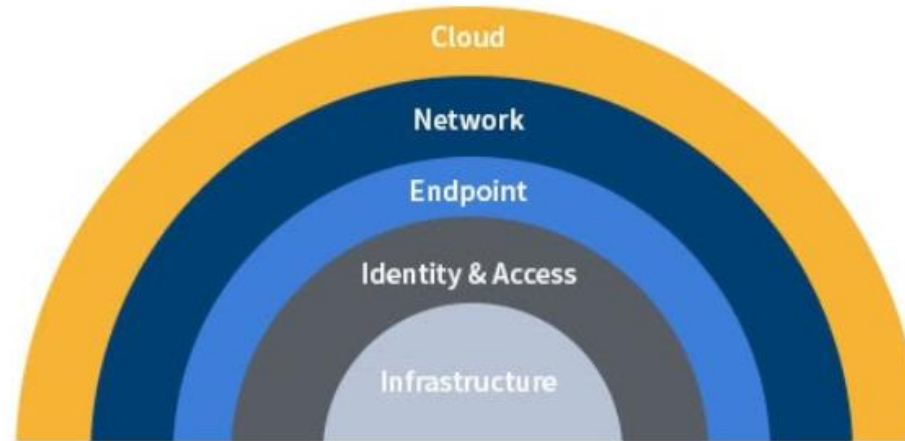
**Cyber Safety: Protects the physical & emotional well being of students, faculty & staff**

- ▶ Explicit Content
- ▶ Threatening Violence
- ▶ Self Harm
- ▶ Cyberbullying
  
- ▶ Domain Filters
- ▶ Email, Docs & Messaging Apps
- ▶ Social Media (sometimes)



# Typical Security Tech Stack Layers

- ▶ Cloud Security - Google & Microsoft
  - Email (Gmail or MS Exchange Online)
  - File Sharing (Drive, Shared Drives, OneDrive, Sharepoint)
- ▶ Network
  - Firewall
  - Secure Wifi Network
  - Content Filtering
- ▶ End Point
  - Content Filtering (CIPA / E-Rate)
  - Virus Protection (PCs and & Mac)
  - Classroom / Device Management (MDM)
- ▶ Identity & Access
  - MFA / 2FA
- ▶ Infrastructure
  - Vulnerability / Pen Testing
  - Remote Access (VPN)
  - Patch Management (Windows)
  - Backup





# We help quickly identify and control:

## What does external file sharing look like for the domain?

- ▶ Files shared to outside of our domain? Is there risk in them?
- ▶ Outside files shared or uploaded to our domain? (Movies, Inappropriate content?)
- ▶ Who's accessing our file sharing?
- ▶ Potential CIPA violations?

## What are my Google Meet, Chat and Classroom Risks?

- ▶ Are external users outside of our domain accessing Google Meet?
- ▶ Is there inappropriate content being posted in Classroom?
- ▶ Is there bullying or threats happening in Chat?
- ▶ Who is participating in Google Meet sessions?

## What Apps Have Been Granted OAuth Tokens To Our Domain?

- ▶ App Name
- ▶ Who's using it
- ▶ How often are using
- ▶ What permissions is this app granted
- ▶ What exposure and risks does this app present



# What does ManagedMethods Provide?



## Monitor & Audit

Gain real time visibility into account access, and what users are doing in cloud apps



## Data Security & Privacy

Quickly see where data leaks exist in your cloud environment and plug them in minutes



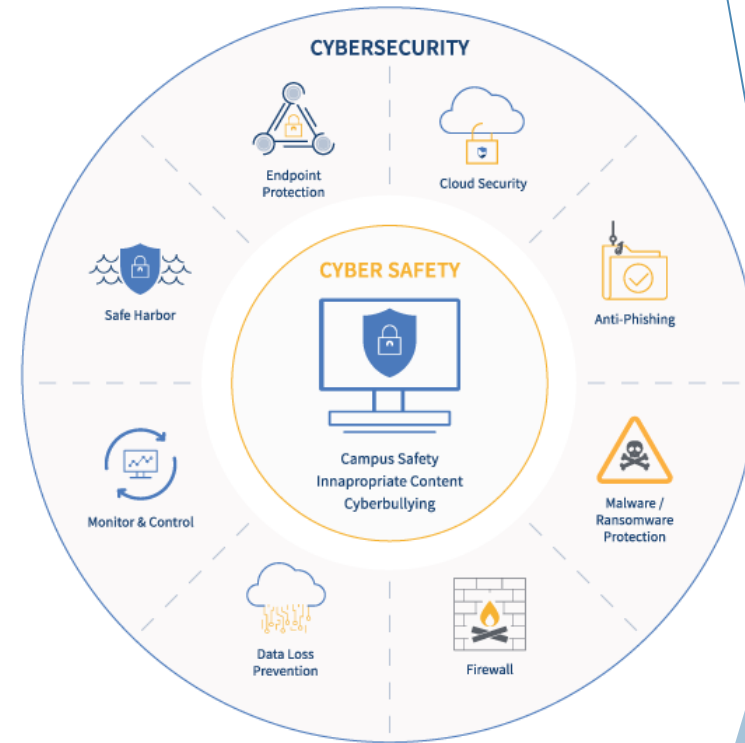
## Threat Protection

ManagedMethods works around the clock to protect you from malicious attacks



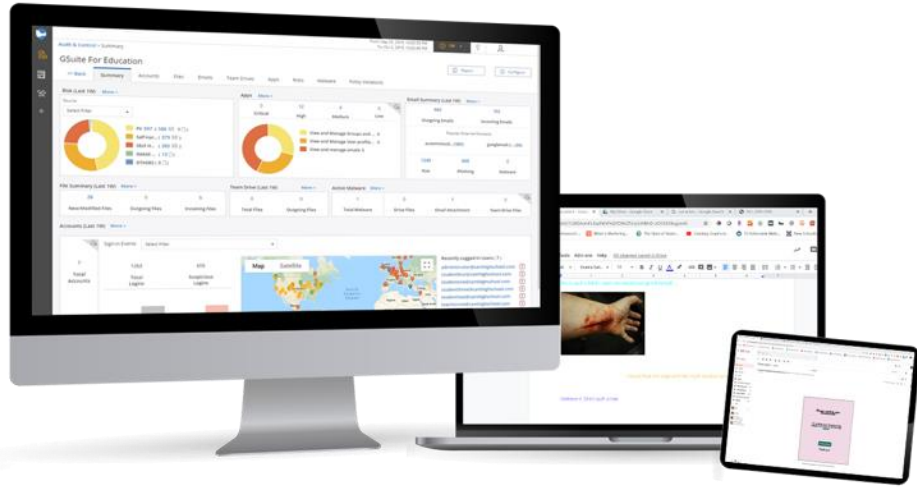
## Safety Signals

Identify and quarantine explicit and inappropriate images, documents, and more



# Free 30 Day Trial

Cyber Safety & Security for G Suite and Microsoft 365



- ✓ Self Harm
- ✓ Violence
- ✓ Profanity
- ✓ Image Risks
- ✓ DLP Risks
- ✓ PII
- ✓ PCI
- ✓ Malware

Activates in minutes. No agents. No proxies.

[Sign Up for A Free Trial on managedmethods.com](https://www.managedmethods.com)

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