
What's new in Tech

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Standard disclaimers apply

This information is *education*, **not** advice.

Every District is unique.

I am not a lawyer or legal expert.

Your mileage may vary.

Don't sue me.



What are we talking about?

- HB 745
- Sports Cameras
- Visitor Management Systems
- Vaping
- Questions

A quick review of the last session impacting tech



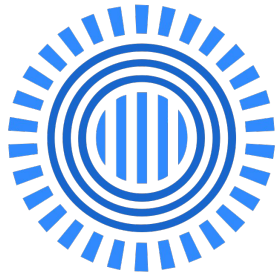
A show of hands...



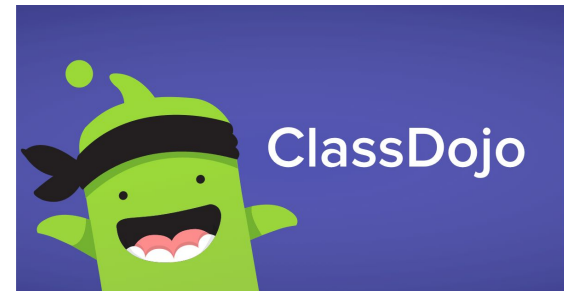
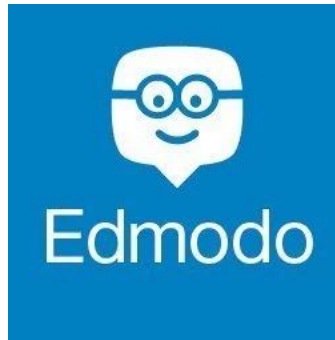
G Suite For Education

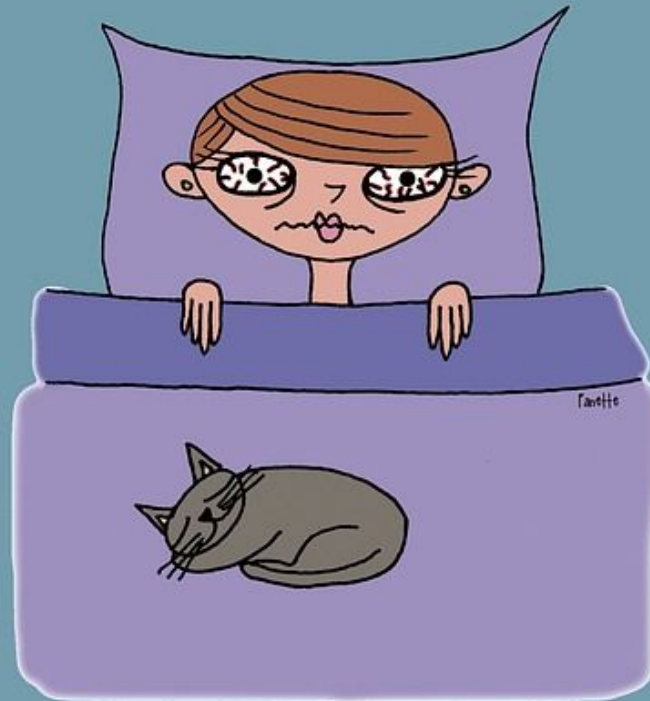


What about any of these?



Prezi





HB 745 - MoPOPIPA

The Montana Pupil Online Personal Information Protection Act was passed by the 2019 Montana Legislature and signed into law the past session.

It has administrators and tech coordinators trying to figure out what new rules we have to follow.



OPI's synopsis:

What is HB 745? HB 745 requires terms of services, agreements and contracts with technology service providers and operators to have very specific language that protects student data privacy. **All Montana school districts** that use technology software and/or services (for example, apps, websites and other software) that collect or otherwise use student information **are required to comply with HB 745.**

Taken from:

<http://opi.mt.gov/Leadership/Data-Reporting/Student-Privacy-K-12-Data-Governance/Montana-Pupil-Online-Personal-Information-Protection-Act>

Before we get into that...

What laws are already at play?



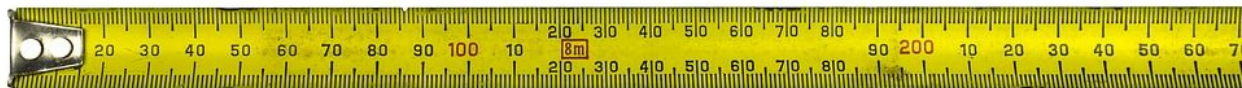
Rules have been mostly federal up to this point...

Federal Rules

- FERPA (and HIPAA kind-of)
- CIPA
- COPPA

State Rule

- Schedule 7 for Retention



Start with the easy ones: FERPA

- Family Educational Rights and Privacy Act
- Student information should be restricted unless released by written parental permission
- Legitimate access without signature:
 - School officials with legitimate educational interest;
 - Other schools to which a student is transferring;
 - Specified officials for audit or evaluation purposes;
 - Appropriate parties in connection with financial aid to a student;
 - Organizations conducting certain studies for or on behalf of the school;
 - Accrediting organizations;
 - To comply with a judicial order or lawfully issued subpoena;
 - Appropriate officials in cases of health and safety emergencies; and
 - State and local authorities, within a juvenile justice system, pursuant to specific State law.



HIPAA

- Health Insurance Portability and Accountability Act of 1996
- Schools are not directly held to HIPAA
- Regardless, schools should protect student privacy and help HIPAA providers
- Possible school-related health concerns:
 - Medical accommodation plans
 - Health plans
 - Medicaid
 - Allergies



CIPA

- Child Internet Protection Act
- Enforced via E-Rate revocation threat
- The meat:
 - **All** web traffic must be filtered (students and staff) for pornographic and explicit images
 - You can provide override capabilities for staff
 - You do NOT have to block hate, bullying, firearms, drugs, or anything else subjectively objectionable
 - Policy and education **MUST** happen



COPPA



- Child Online Privacy Protection Act
- Students under 13 cannot have personal information jeopardized on the Internet
- Students under 13 cannot be targeted based on their behavior
- This legislation applies to service providers, not school districts
- Most service providers pass the burden to YOU
- READ THE EULA and TOU!
 - [Prezi](#) (must be 13 and 13-18 must have signed permission)
 - [Edmodo](#) (they pass COPPA to the TEACHER)

Montana-specific Transparency Laws

- Transparency laws govern electronic email as well as electronic documents.
- Public Records is a broad-sweeping statement in Montana and does cover local government.
- Public schools are considered local government.
- Privacy can protect some electronic documents.



Schedule 7 - State retention

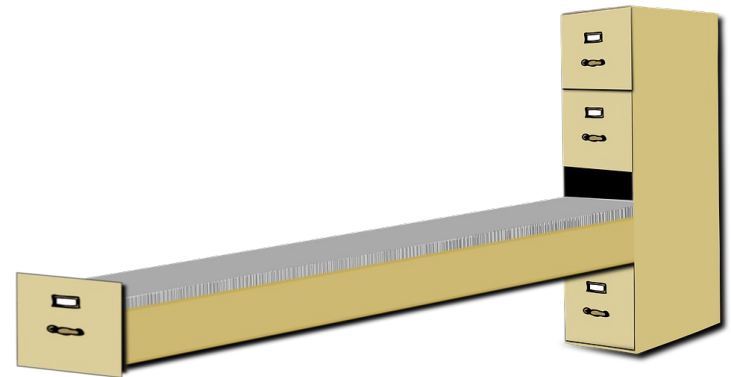
Emails are in 4 categories:

- Permanent - policy decisions - **retain indefinitely**
- Routine - normal business - **retain for 3 years** (revised May 2013)
- Transitory - Retain 1 year
- Destroy at will - Destroy at will

**DO NOT LET YOUR GEEK MAKE
POLICY - ASK YOUR BOARD!**

See Secretary of State publications

[Schedule 7](#) and [Email Guidelines](#)





HB 745 - MoPOPIPA

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G Suite For Education



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Taken from:

<http://opi.mt.gov/Leadership/Data-Reporting/Student-Privacy-K-12-Data-Governance/Montana-Pupil-Online-Personal-Information-Protection-Act>

Full Text of HB 745

AN ACT CREATING THE MONTANA PUPIL ONLINE PERSONAL INFORMATION PROTECTION ACT; PROTECTING PUPILS FROM MARKETING AIDED BY DISCLOSURE OF THEIR PERSONAL INFORMATION GATHERED IN RELATION TO CERTAIN ONLINE EDUCATIONAL OPPORTUNITIES; PROVIDING CONTRACTUAL REQUIREMENTS FOR SCHOOL DISTRICTS RELATED TO ONLINE MANAGEMENT OF PUPIL RECORDS; PROVIDING DEFINITIONS; AND PROVIDING AN IMMEDIATE EFFECTIVE DATE.

<https://leg.mt.gov/bills/2019/billpdf/HB0745.pdf>

Pretty long language in this legislation and some of it is technical.



Ok that's a lot but...WHAT DO I DO?!?!

- Relax - nobody has this figured out yet.
- There is a resource to help. An Alliance has been formed called the "Montana Student Privacy Alliance" as a joint effort from META and OPI.
- Read more here:
- https://sdpc.a4l.org/about_alliance.php?state=MT



Montana Student Privacy Alliance

What is the Montana Student Privacy Alliance? The Montana Student Privacy Alliance will be a resource for districts to find and share terms of service, agreements and contracts. Districts will be able to find "approved" vendors and products that comply with HB 745. The Alliance will also provide professional development to help parents, teachers and administrators make informed decisions about the technology being used in the classroom and help ensure we protect student data privacy.



Sports Cameras

This technology is pretty cool

Works by tracking the action and broadcasting the game to the web

The only “sanctioned” way to broadcast MHSA games (that is via the NFHS)

Learn more here:

<https://www.nfhsnetwork.com/associations/mhsa>



The Pixellot camera (one of the MHSA setups)



Two Network Cables from
the computer to the sports camera

Some integration
into the scoreboard
(or a scoreboard
camera)



The Pixellot computer
(called the Network
Video Recorder - NVR)



Computer plugs into
the school's network

Visitor Management Systems

??



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What is a visitor management system?

Visitor management systems are becoming more common in districts across the state. These systems are designed to provide two primary functions:

- Screen the people who come into the building
- Keep track of who is in the building

These systems work by scanning the driver's license of the visitor at the front desk. The visitor's driver's license is then real-time background checked to see if there are any reasons to disallow access to the building.



Hello
my name is



One System - Raptor



This is NOT an endorsement for any product.

Considerations for Visitor Management Systems

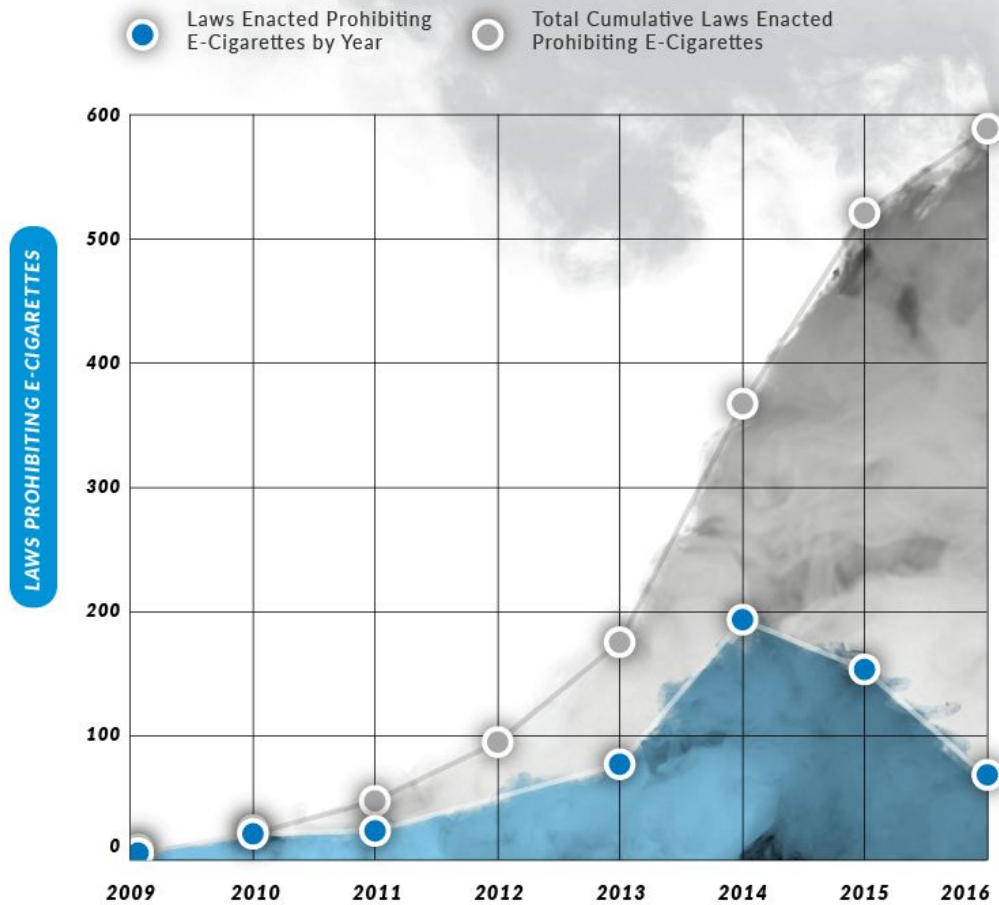
- Policy and procedures!!
 - When do you screen?
 - Who do you screen?
 - What happens when someone pops up with concerns?
- Logistics
 - Who does the screening?
 - Is the area secured and does it need to be?
- Technical support
 - Who will do the training and support of systems?
 - What if you can't screen due to systems-issues - do you still allow admittance?
- Ongoing costs and maintenance

Vape Detection Systems



VAPER PROHIBITION

Vape Laws Enacted, by Year



Source: <http://www.no-smoke.org/>



<https://www.halocigs.com/labs/united-vapes-of-america/>

Quick Stats

28% of the nation's high school students have vaped in the past month. 11% of the middle school students have vaped.¹

Mint is the most popular flavor nationwide now (Juul just voluntarily stopped selling mint last week).

Lawmakers are moving to restrict sales targeted at youth, but bans are being challenged nationwide.



1 - AP News Article "Teens and Vaping" <https://apnews.com/8151770f69fd43c4b132854a335d0ef1>

Vaping devices, which contain nicotine, often blend in with everyday items youth may use.



Vaping Devices

Everyday Items

How is technology helping?

- Brand new to the market
- Used to “catch” vaping
- Detectors are placed in lavatories or other common vaping locations
- They are limited
 - 5 foot radius for effective detection
 - Have to be in clear path of vapors
 - Vaping into your jacket or coat will hamper the device



Detectors growing in popularity



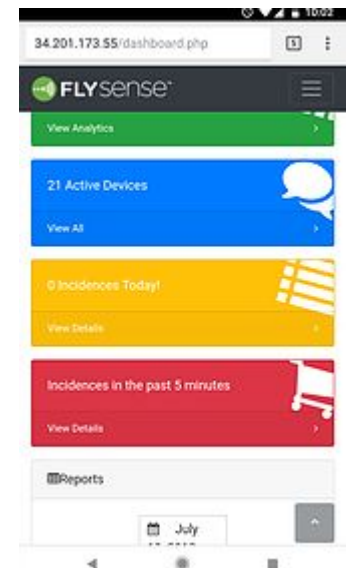
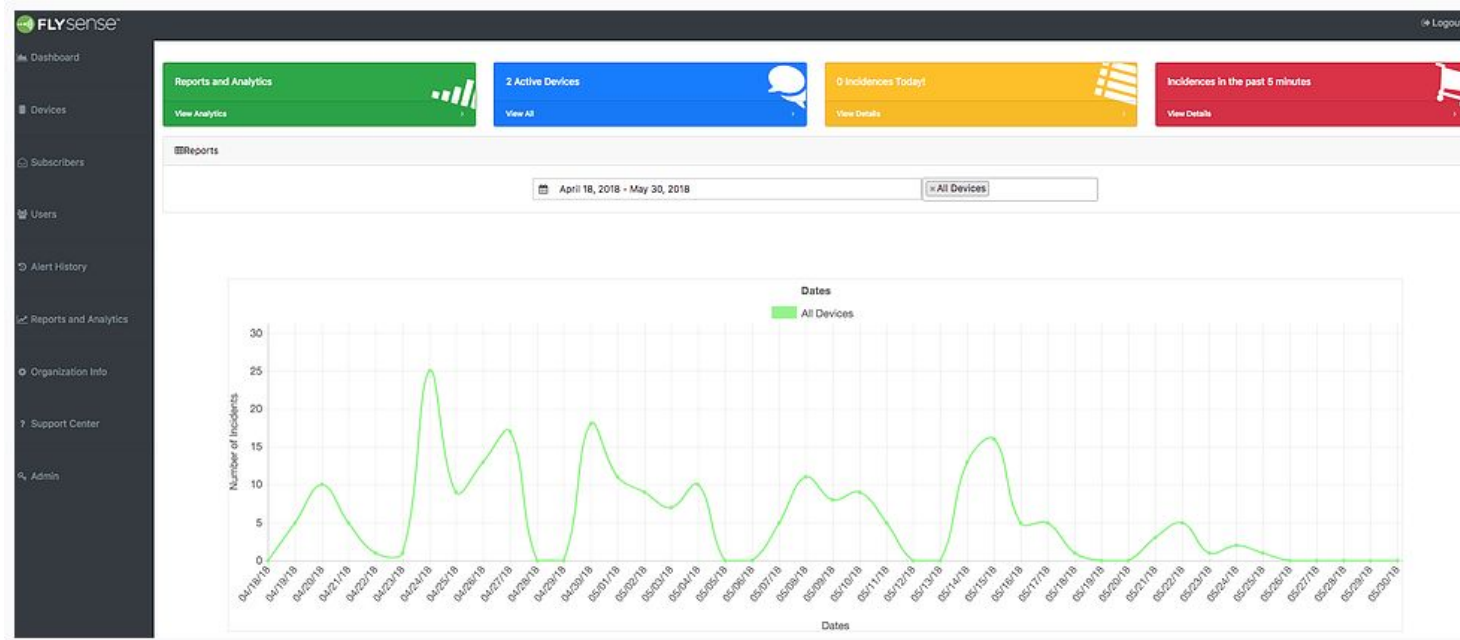
HALO
SMART SENSOR



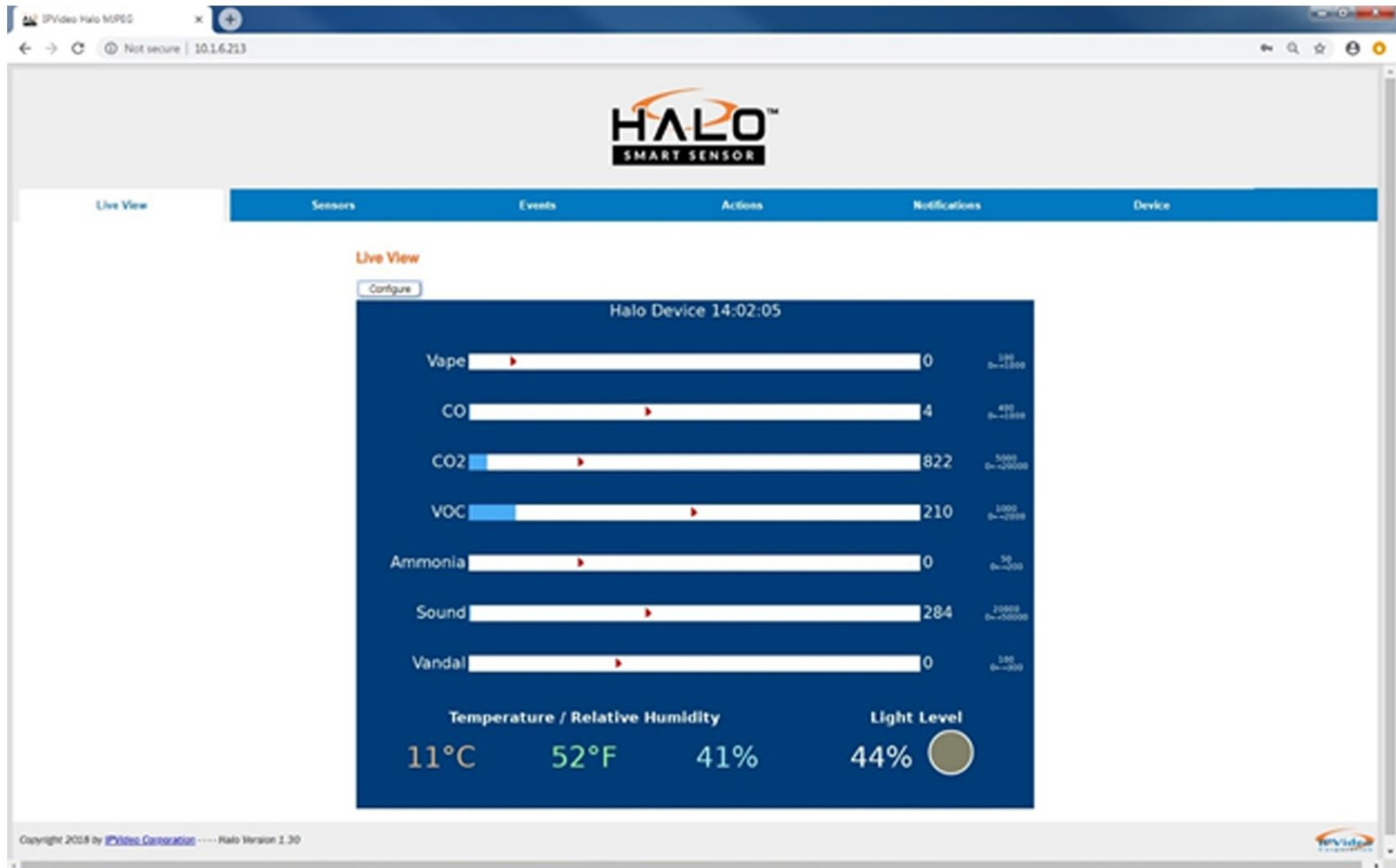
 **SOTER
TECHNOLOGIES**

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Flysense is stand-alone



Halo can be integrated or stand-alone



Vape detection - what do I need to do?

Be aware that:

- You will be getting sales pitches for this
- It will be one of the “hot” things your board hears about
- Your community may be looking for action from the school
- Your superintendent has probably already heard about these systems
- There is a cost (MSRP on most detectors is ~ \$1,000)
- There are installation fees
- Someone has to manage these things
- There are policy implications



Thank you!

Please - email or call me on anything at anytime - I would love to answer questions or get you to a resource that can help!

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406-788-7538 (cell)

Any questions?