



Safety & Security

PROTECTING OUR FUTURE



DEFINING EXCELLENCE

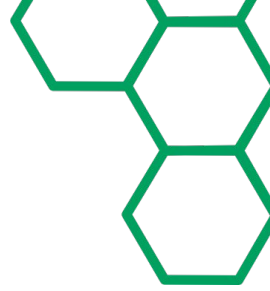
Presented By:

**Dr. Stacie Stanley, Superintendent; Nathan Swenson, Asst. Superintendent;
Alex Hattstrom, Emergency Management & Safety Coordinator; and
Nathaniel Lindley, Director of DMTS**





Review of Our Safety & Security *Needs*



1

**Practical/ Functional
system that
improves safety &
security**

2

**Holistic approach
combining
cross-disciplinary safety &
security principles**

3

**Reliable systems
that incorporate
on-going support**



What is School Safety?



Safety Means

Many Things

School safety requires a comprehensive approach.





“If you focus on just one of [these], you’re probably not going to be very well prepared for all of the others”

Dr. David Riedman, Founder K-12 School Shooting Database





Safety Means *Many Things*

School safety requires an comprehensive approach.





How is Bullying Reported?

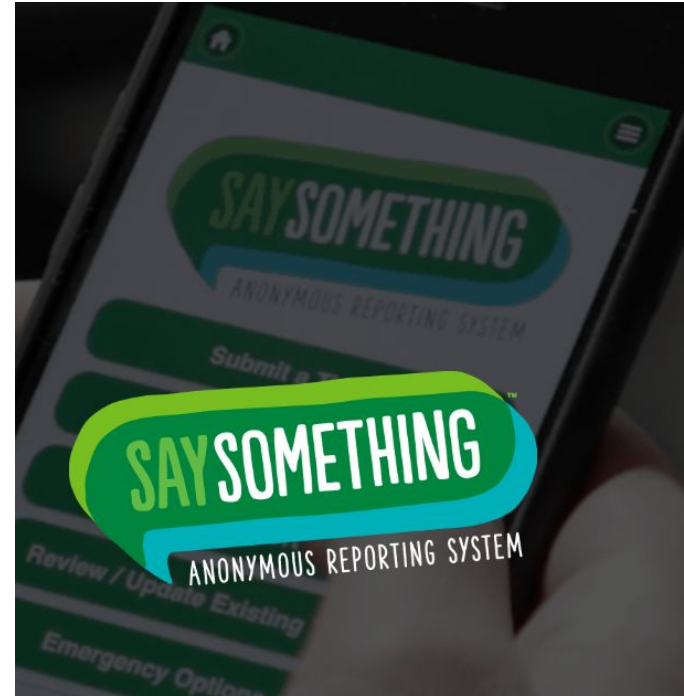
- Presently, via in person to any staff member (administration, teacher, etc.)
- Online form submission
 - **Currently being updated**
 - **Underutilized, fewer than 15 submissions since 2021**



Expanding our Reporting Abilities

Sandy Hook Promise

- App-based & free for students to download.
- Students select their school and create a report (suicide, self-harm, abuse, threats, etc)
- Info goes to a real person via the Sandy Hook Promise Crisis Center.
- Crisis Center staff can connect directly with the student.





Expanding our Reporting Abilities

Sandy Hook Promise

- **National Crisis Center**
 - Operates 24-7-365
 - Staffed with crisis counselors and are fluent in over 600 languages
- **Anonymous Tip System**
 - Phone, website, or mobile app submissions

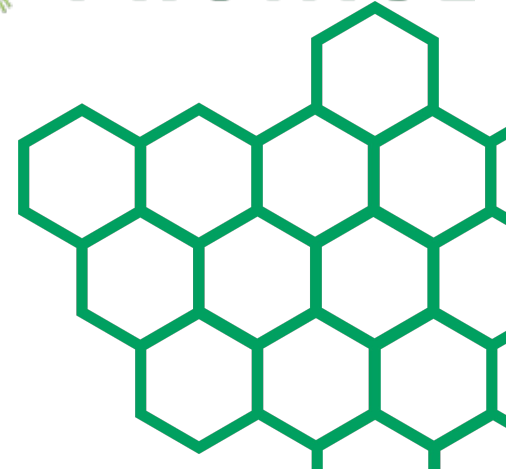


Sandy Hook
PROMISE

700 Lives
Saved

268,000+
Reports
Received

5,900+ Students
Helped During
Mental Health
Crisis





Complexities of School Safety & Security



Schools are *Dynamic*

School environments
require a **layered** security
approach

Edina Public School District

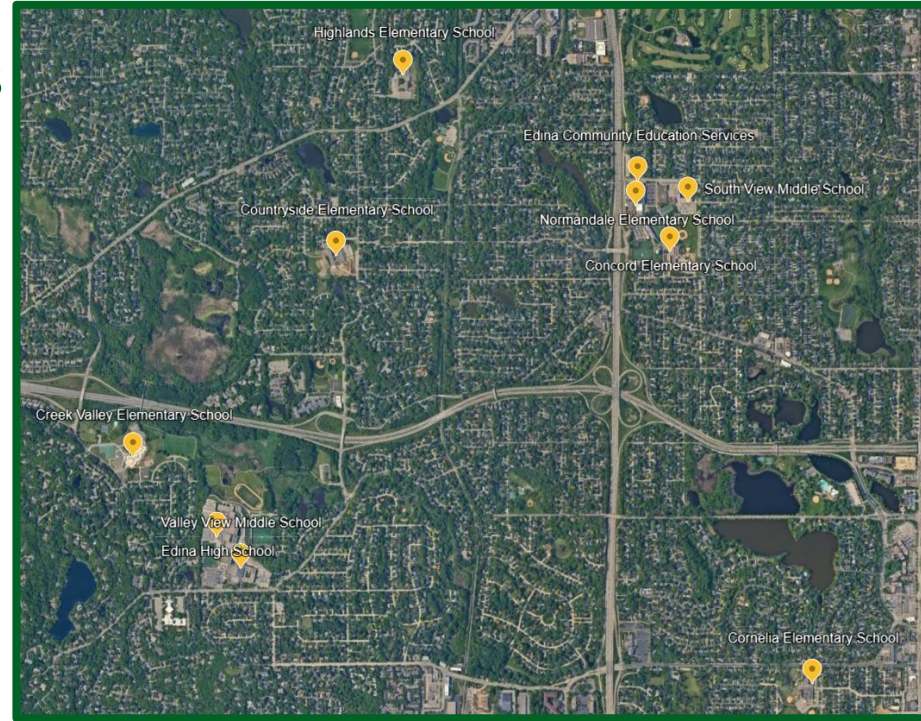
About
our
School
District

10 Brick & Mortar Schools

- 1 High School
- 2 Middle Schools
- 6 Elementary Schools
- 1 Early Learning Center

Additional Facilities

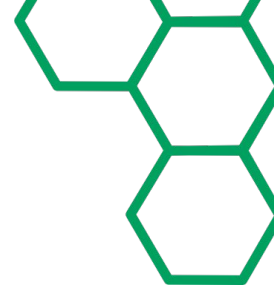
- Edina Community Center (District Office, Adult Ed. etc.)
- Credit Union
- Transportation Building
- City Gym Space
- Facility Rental





Edina Schools by the

Numbers



9,000

**E-12
Students**

1,600

School Staff

**Adult Ed., Vendors,
70+ Volunteers, &
Visitors**

Facility Security *enhances* Learning Environment



Security
OR
Learning
Environment

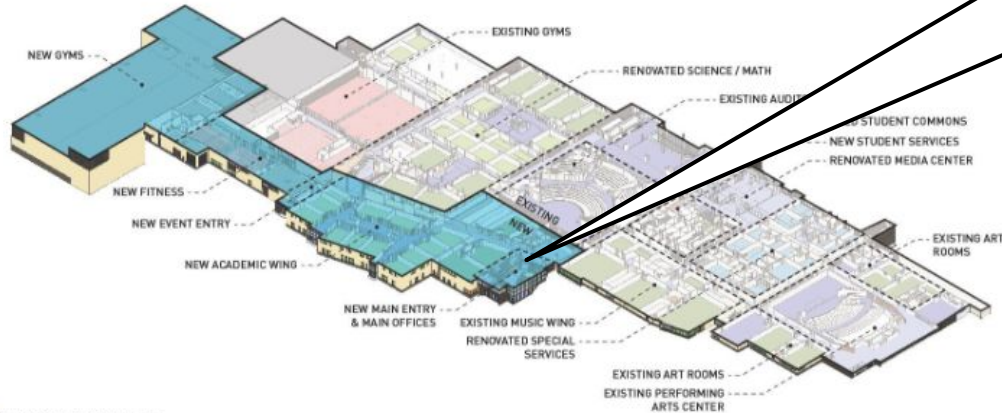


Security
AND
Learning
Environment

Our approach - **improve** facility **security** while continuing to **promote** a **positive** learning environment.

Securing Large Facilities

The Edina High School has over **550k sq. feet** of interior space on nearly **50 acres**



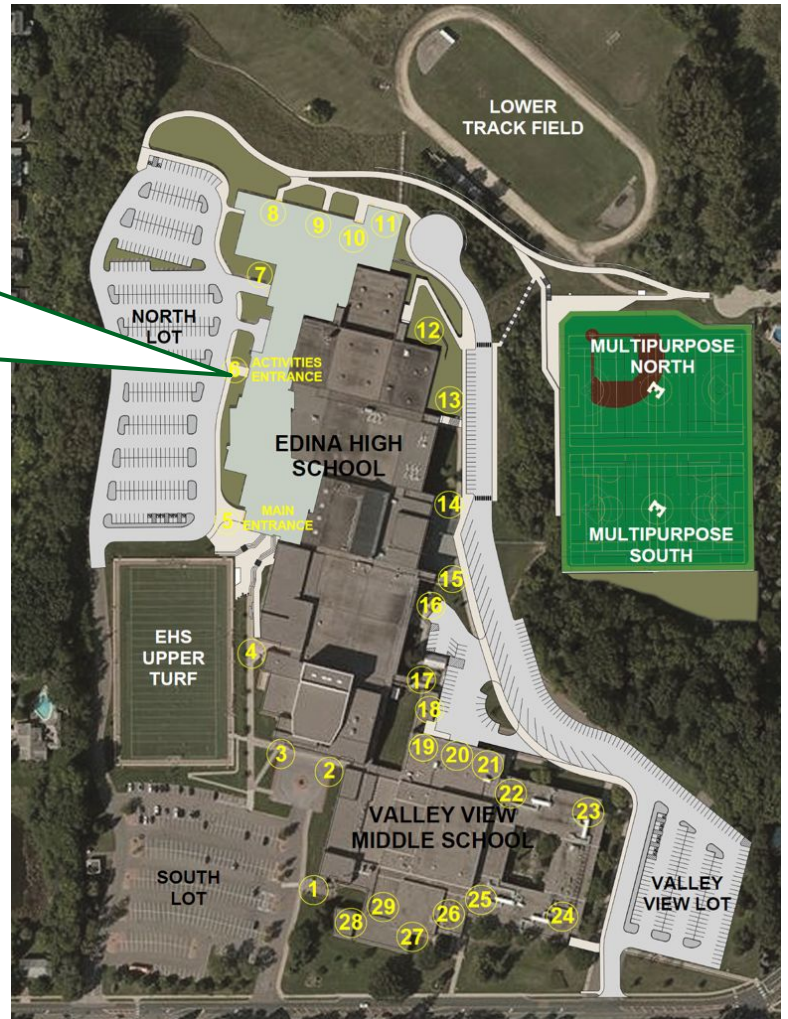
Securing **Large** Facilities

Edina Public Schools has over
1.8 million sq ft. of facility
space across over **200 acres** of
property





Exterior Doors



- Complexity in monitoring exits
 - SVMS & EHS have 29 exterior doors.
- Required per Fire Code
- Used sporadically during normal school day

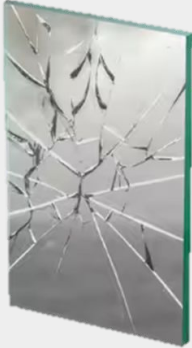


Doors & Windows

Types of Glass

Poor

Standard
(Annealed)
Glass



No longer
used in
exterior doors

Better

Tempered
(Heat Treated)
Glass



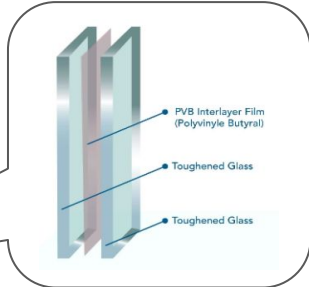
4x stronger
than annealed
glass

BEST

Laminated
Safety Glass



Similar strength
to tempered, but
is shatter
resistant



Lamination can be applied to existing tempered glass for cost savings. The film is applied and caulked into the frame of the window on the interior facing side, much like automotive window tint.



Interior Doors

Door Types



Glass Pane Doors



Solid Core Doors



Glass Kit Doors

**MOST
SECURE**



Interior Doors

Door Release Mechanisms



Magnetic Released Doors

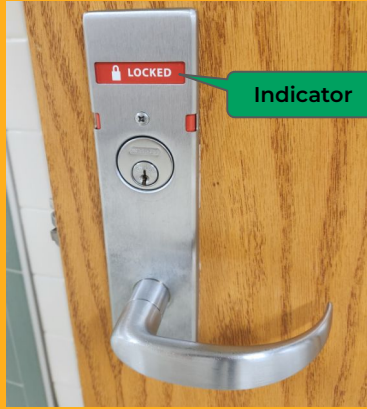


Manual Release Doors



Interior Doors

Lock Types



Mortise Lock w/
Indicator
(Least Common)

**MOST
SECURE**



Cylindrical Door Locks
(Most Common on Classroom Doors)

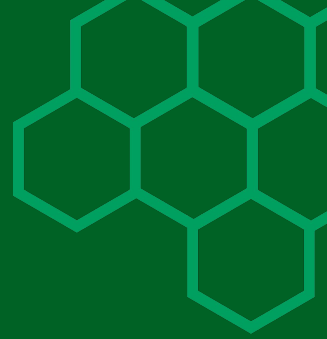


Cylindrical Door Locks w/ Push Button
(Not present in our schools)



Mortise Thumb Drive Lock
(Most Common on Office Room Doors)





*“It is well-known that no shooter
has breached a locked door.”*

-Martaindale, M.H., et. al. (2023)





Facility Access - Badges



- **Accountability**
- **Flexibility**
- **Alerts**

Facility Access - Keys



Universal keys
improve safety.



Safety & Security
*Concerns &
Solutions*



The following discussion may be disturbing to some audience members. The following topics relate to school safety & security, violence prevention, and statistics on school incidents that resulted in **death or injury**.

Edina Public Schools



Safety Means

Many Things

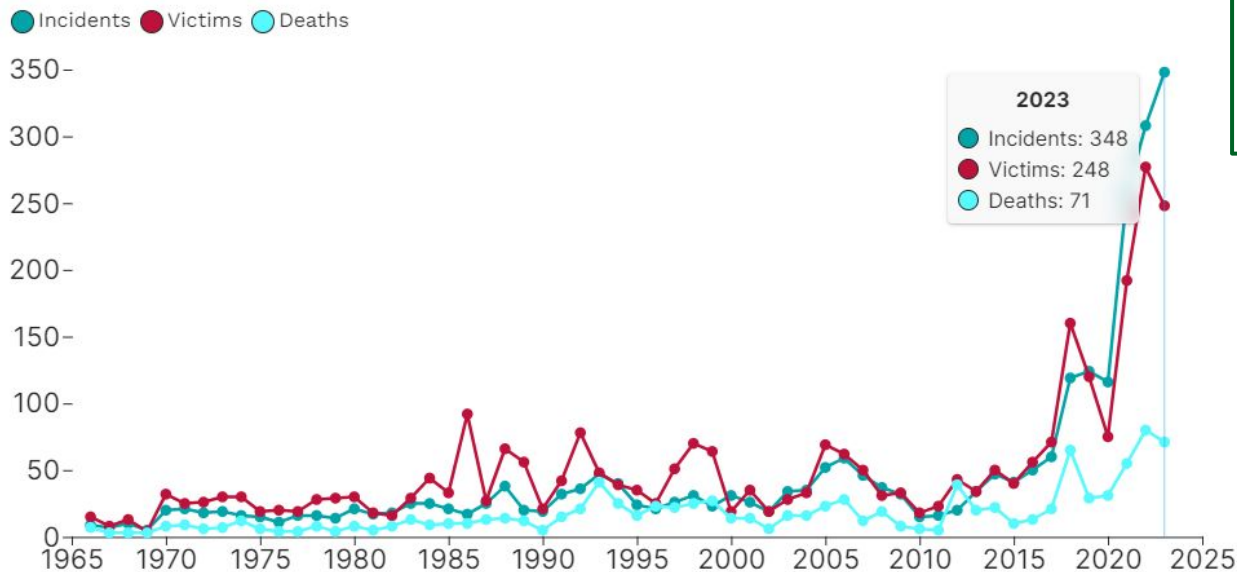
School safety requires an comprehensive approach.



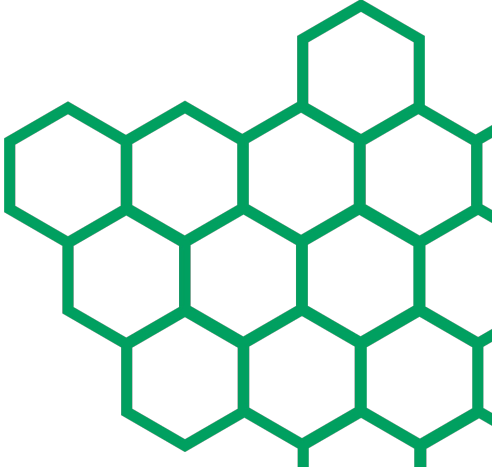


Nationwide School Shootings Doubled in Past 3 Years

The number of school shooting incidents, victims, deaths have increased dramatically over the last 6 years.



Since 1966
2,867 School Shooting Incidents in USA
2,306 Victims Wounded
831 Victim's Killed
1,081 Total Deaths



Data sourced from the K-12 School Shooting Database: Dr. David Riedman. *The number of school shooting incidents, deaths have increased dramatically over the last 6 years.* (September 11, 2024). <https://k12ssdb.org/data-visualizations>

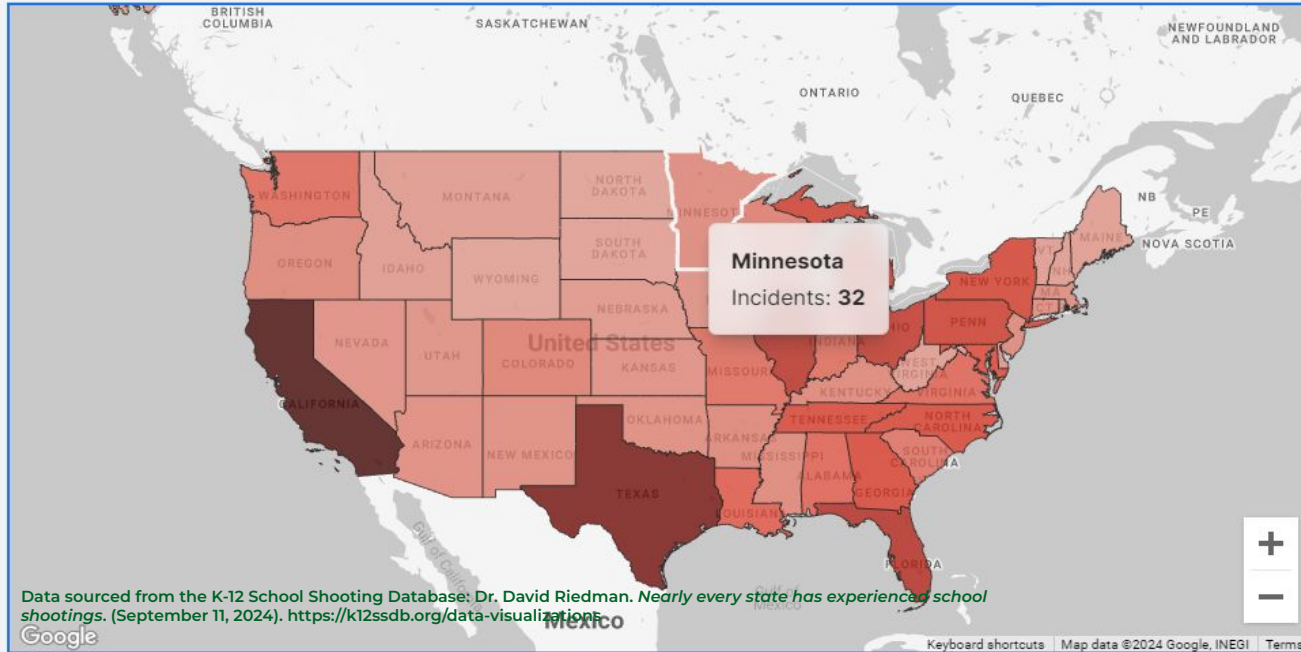


32 Shootings in Minnesota School History

Nearly every State has experienced school shootings

Select your State to see the details below

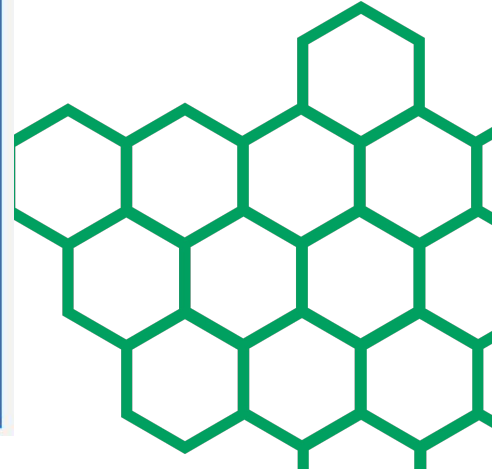
State: **Minnesota** 🔍 ✕



Data sourced from the K-12 School Shooting Database: Dr. David Riedman. *Nearly every state has experienced school shootings.* (September 11, 2024). <https://k12ssdb.org/data-visualizations>

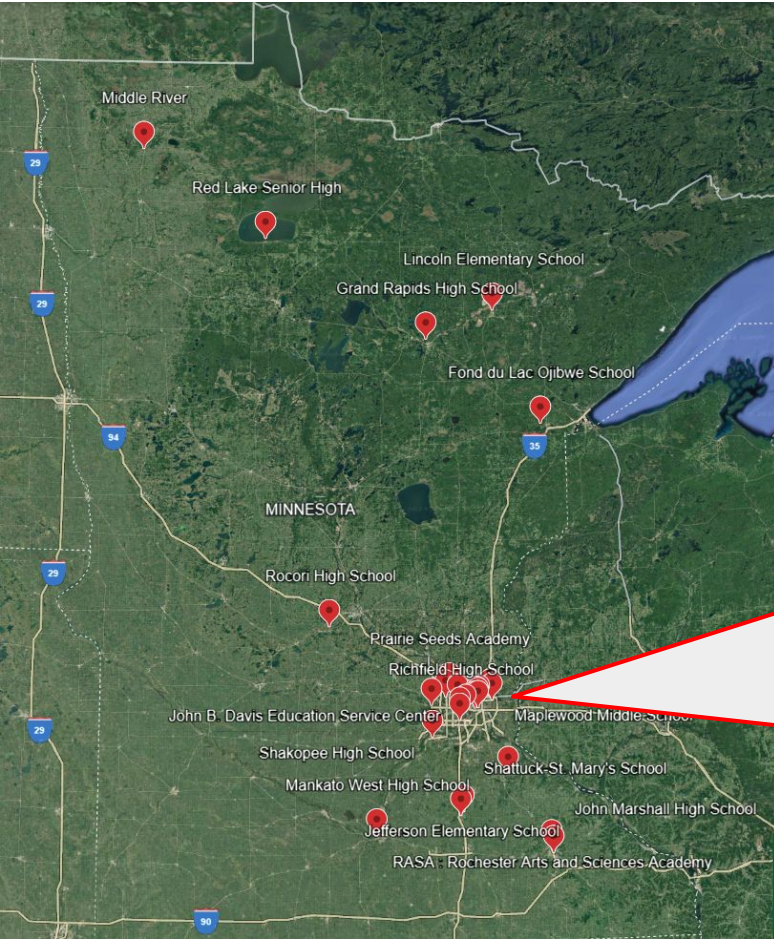
Google

Keyboard shortcuts | Map data ©2024 Google, INEGI | Terms



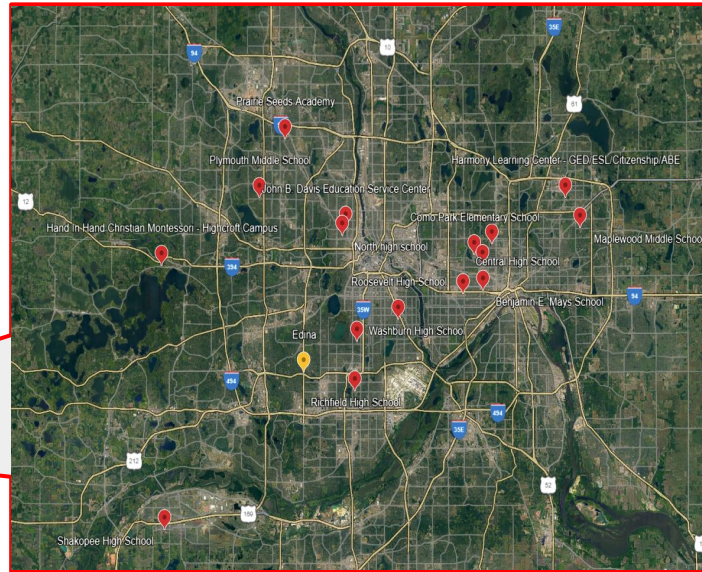


MN School Shooting Incidents



MN Shooting Statistics:

- 32 total school shooting incidents in MN
 - 20 victims wounded
 - 14 victims killed
 - 20 total deaths (assailant included)



Data sourced from: Dr. David Riedman (2024). K-12 School Shooting Database. *Find where and when the school shootings occurred.* (Accessed: September 11, 2024). <https://k12ssdb.org/data-visualizations>
Shooting incidents at K-12 schools (Jan 1970-Jun 2022). CHDS School Shooting Safety Compendium. (2023, March 2). <https://www.chds.us/sssc/data-map/>





*We are not just preparing for
"active shooter" situations...*

but ALL gun violence

Nationwide, **2.8%** of surveyed high school students reported bringing a **gun to school** in 2019 (OJJDP, 2020)





“Active Shooter”

Hearing about tragedies, not hearing about daily reality

9/4/24 - Apalachee High School Shooting

- 2 students and 2 staff members killed



“Active Shooter”

Hearing about tragedies, not hearing about daily reality

1 Week Later, 1 dead & 4 wounded

- A student was fatally shot inside **Omaha** Northwest High during a fight at lunch
- A female bystander student was shot outside South Oak Cliff High (**Dallas, TX**) during a fight at dismissal
- Three fans in the stands at Martinsburg High (**West Virginia**) were wounded during a high school football game
- A student pointed a loaded handgun at students on a **Phoenix** school bus following a fight
- A **Kentucky** school staff member pointed a gun at a student’s head and threatened to kill him



Alert & Notification Options

Do they work?



Choosing a safety technology for schools is more than **flashy features** and **gimmicks**

Balance complexity & real-world applicability



CENTEGIX™

EVERY. SECOND. MATTERS.

Pros:

- Wearable alert system that empowers staff to activate to request help and activate SRP.
- Utilizes beacons placed throughout the school that identifies where staff activated the system
- Incorporates auditory and visual notifications
- Analytics document trends/ patterns

One Badge,
TWO Types of Alerts

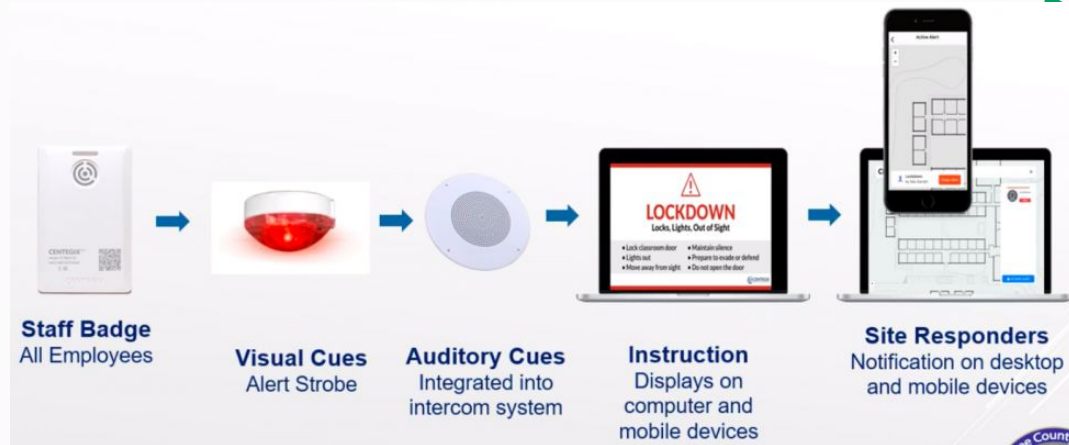


Help Needed
Associate Nurse, Medical Aide



Lockdown
Blue/Highway District/Track, Campus Wide/Threat

Staff wearable
alarm activation
system



Cons:

- Focuses on alerting to an incident, not prevention, mitigation, or physical safety.



Security Cameras

Functions & Use

- Improved Coverage
- AI Processing
- Accessibility & Efficiency





Security Camera AI Capabilities

Not just facial recognition



- Smart detection improves storage and review process
- AI image correction can automatically adjust settings for environment to give best picture possible
- Weapon detection



Infrastructure *Upgrades*



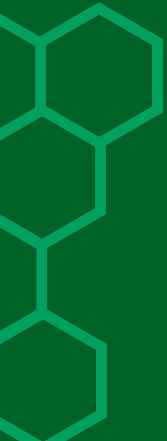
**Network
Upgrades**



**Facilities
Monitoring
& Controls**



**Structural
Improvements**





Flock Safety Cameras

- Vehicle identification tool that could automatically alert police officials of known vehicle of interest risk.
- Edina PD utilizes Flock already with proven fast response times.
- 50+ school districts & college campuses use this technology already.





How do Flock camera work?

← LP #GA CIQ2461



Amber Alert

15 min ago

FL QQP85

Color	Make	Body
White	Nissan	Sedan

Time Detected:
4/3/2023, 14:00

Location
4861 Mustang Dr, Norcross, GA 30071, USA

Geo-Location:
1.900000/1.200000



Example



What Features do we want in our Schools?

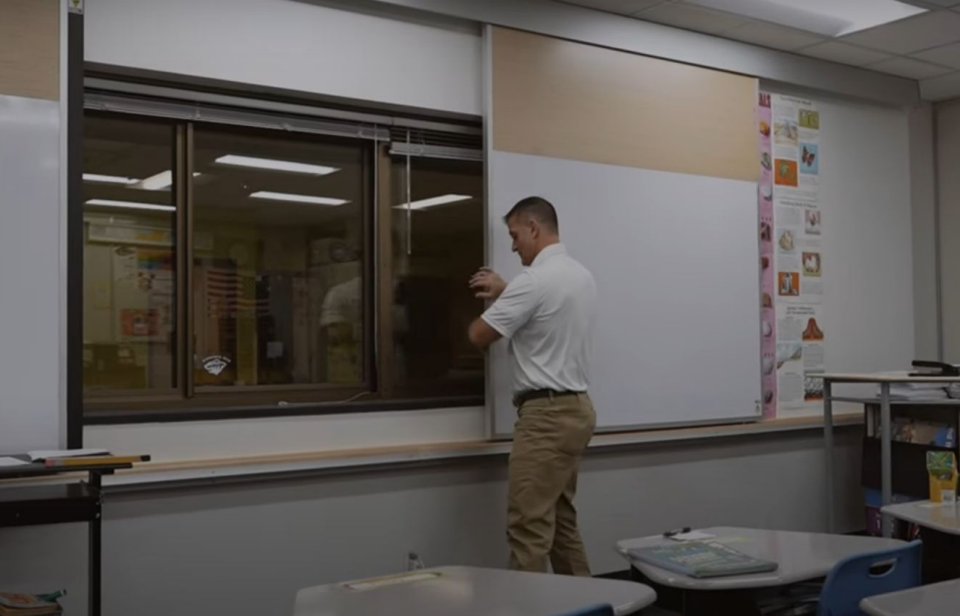
- **Notifications**
 - Multiple methods, LED lights, visual displays on monitors, auditory alarms
- **Shelter**
 - Providing students and staff safe areas that will actually protect them.
- **911 Integration**
 - Getting fastest possible police response
- **Training**
 - Staff & student training
 - Integration with police training
 - Mental health and behavioral analysis tools so staff recognize warning signs and can take preventative action.



Safety and Security

3D Response System Video

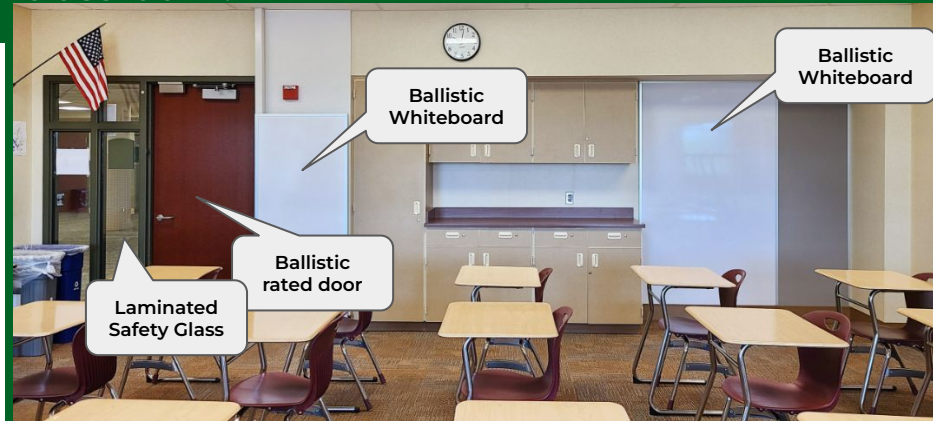




- Ballistic panels hidden in functional white boards.
- Hides the security element and maximizes educational benefit.

- Solution for classrooms with open/transparent learning environments

Where are the security elements in this classroom?



Example



RESPONSE
SYSTEMS LLC
THE MULTI-LAYERED SOLUTION

Advantages

Prevention



Training staff to recognize and respond to warning signs

Preparedness



Notification, tools to survive, emergency response

Aftercare



Team of 60+ trauma/PTSD counselors available



Review of Our Safety & Security *Needs*



1

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improves safety &
security**

2

**Holistic approach
combining
cross-disciplinary safety &
security principles**

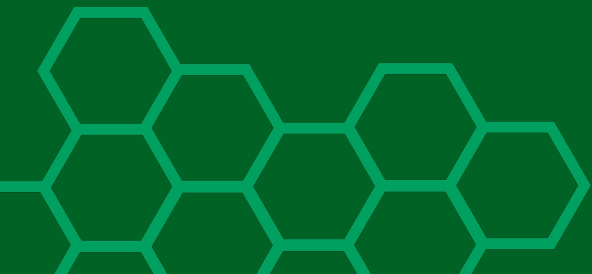
3

**Reliable systems
that incorporate
on-going support**



QUESTIONS?

Edina Public Schools





THANK YOU

Edina Public Schools

