



FLYsense[®] 286

Create a Safer World Together



Dear Potential Partner,

The Soter name is inspired by Greek mythology wherein Soter is the personification of safety, deliverance and preservation from harm. Using advanced sensor and software technology, Soter Technologies develops and delivers innovative solutions for environmental and social intelligence - to make the world a safer place.

Within this overview, we have outlined what makes our solution successful. We help schools detect, educate, and deter vaping and bullying. By doing so, you will improve behavior, restore parental confidence and promote positive school culture. We take pride in being the creators and leaders in this technology space. We value the safety of students. We greatly appreciate the partnerships with our schools and share the success of establishing a safe learning environment. Thank you for giving Soter Technologies the opportunity to create a vape-free campus with you.

Sincerely,

Derek Peterson
Chief Executive Officer, Founder
Soter Technologies Inc.



SOTER TECHNOLOGIES

Building a Safer Future Together

www.sotertechnologies.com



OUR MISSION

Soter Technologies believes we will create a safer world together. Our unique FlySense® device is proven to detect and deter vaping and bullying without invading privacy.

We offer authorities increased situational awareness of potential harmful situations.

Delivering actionable intelligence is our priority. Our technology discovers and deters unwelcome, potentially dangerous situations before they escalate.

We utilize a combination of superior sensor and software technology solutions to instantly identify environmental and social anomalies across a wide range of situations.

We care about students health and safety, which is why we developed FlySense®.

WHO WE ARE

The name Soter is inspired by the Greek word meaning the personification of safety, preservation and deliverance from harm.

Our why - like many of us, Soter Technologies founder Derek Peterson was bullied during his childhood. As an adult, he decided to become an engineer so he could create technology to help make the world safer for everyone.

Soter Technologies' mission is to create a safer and healthier future together. Safety technology has come a long way since the invention of the (metal) lock 900 years ago. Our innovative, turn-key technology is designed to help identify potential vaping or bullying situations.

Using advanced sensor and software technology, Soter Technologies develops and delivers innovative solutions for environmental and social intelligence - to make the world a safer place.

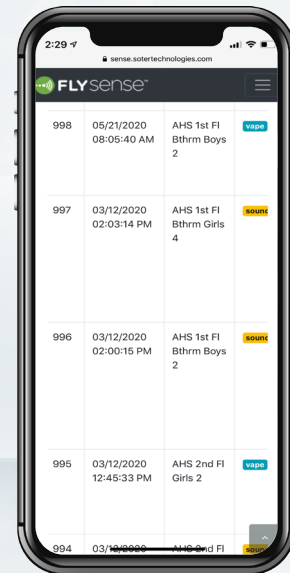
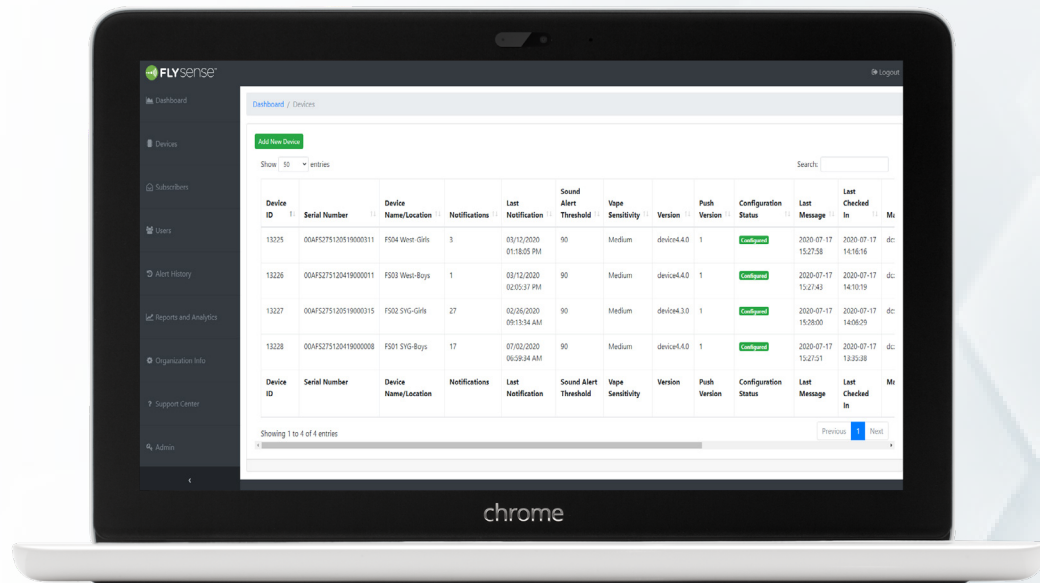


VAPE AND BULLY DETECTION IN ONE DEVICE.

What to expect from FlySense®

- Real-time vape and sound anomaly detection with instant SMS/email notifications. No delays
- Air quality monitoring, including detection of THC, Nicotine, and other vaping products
- Empowering comfort you gain from having control of areas where you cannot place a camera

FlySense® devices seamlessly integrate with camera systems (VMS) with you in control.



GET LIVE NOTIFICATIONS

FlySense® uses a zero-delay, location-specific alert notification sent directly by SMS and email to school officials.

Once FlySense® detects vaping or high-decibel anomalies, you will receive a real-time notification with the location.

This technology is designed to capitalize time, give you complete control and notify you of device tampering to give you 24/7 peace of mind.

YOU ARE IN CONTROL

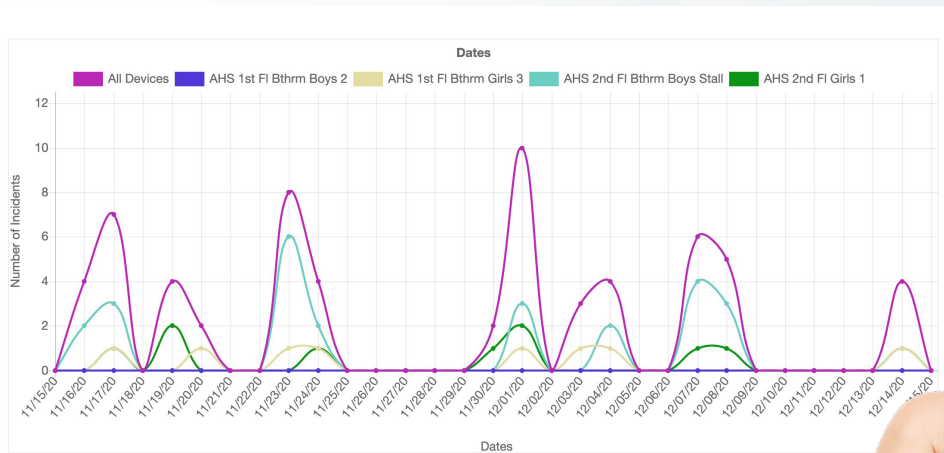
Knowledge is power.

You will have real-time location data to help align your schools' operations to react accordingly, while monitoring vaping habits in the user-friendly portal. A 30-day alert history with options to annotate and classify alerts allow FlySense® devices to learn an environment and reduce false positives through a machine-learning approach.

Custom developed software puts you in the driver's seat.

Constant indoor air quality (IAQ) and sound monitoring through the devices ensures a healthy and safe environment. The FlySense® custom dashboard enables you to adjust your device.





Measure your results and take action.

Take complete control. You can change device sensitivity and add subscribers through the FlySense® dashboard. Machine-learning will help you determine what areas need monitoring and when.



SPECIFICATIONS

ENVIRONMENT	
Operating Temp.	55° to 95°F (12.8° to 35°C)
Coverage Area	10' x 10' x 10'

SENSORS	
Vape	Sound
Temperature	Humidity
Proximity	

EVENT INDICATORS
RGB LED Alert Indicator

INPUT POWER
Built-in 802.3af compliant PoE (over Cat 5e or 6 cable)
External power via 24V 0.5A AC/ DC transformer with 5.5mm x 2.1mm DC connector

PHYSICAL CHARACTERISTICS	
Dimensions	4.75" W x 6.56" L x 2.20" H
Weight	9.0 oz.
Housing Material	ABS Plastic

CONNECTIVITY
Ethernet data connectivity via built-in RJ-45 connector and 802.3af interface
802.11b/g/n/ac Wi-Fi supporting 2.4/5 GHz frequency band

WARRANTY
10-year hardware warranty covers defects in workmanship and materials



SS-FS286

FEATURES



INCIDENT DETECTION

Smart sensor array detects vaping signatures®, sound anomalies associated with bullying / fighting, and device tampering in real-time, 24/7.



ALERT NOTIFICATIONS

Zero-delay, location-specific alert notifications on vape and sound incidents sent by SMS or email to designated school officials.



SOLUTION MANAGEMENT

Easy-to-use administrator web portal to manage devices, customize subscriber schedules and view alerts.



PERFORMANCE OPTIMIZATION

30-day, categorized alert history allows devices to learn environments, reduce false positives, and optimize performance.

INSIGHTS & ANALYTICS

Real-time sensor data and analytical reports help to determine which locations and time of day experience the most activity.

POWER OPTIONS INCLUDE

(POE) Power-over-Ethernet or external input power with WiFi capability.

FAQS

Q. DOES FLYSENSE® DETECT GUNSHOTS?

FlySense® has 2 separate sound notifications. It detects potential bullying/ fighting situations as well as extremely loud sound events.

Q. IS FLYSENSE® BATTERY OPERATED?

No, operating on batteries would require labor-intensive battery replacement on a weekly basis.

Q. ARE THERE TAMPERING ALERTS?

Yes, tampering with the FlySense® device will activate an audible alarm and send an SMS/ Email alert.

Q. DOES SOTER TECHNOLOGIES OFFER TECH SUPPORT?

Yes. We provide 24/7 IT support for no additional charges.

Q. DOES FLYSENSE® NEED TO BE UPDATED?

Yes, but it's automatic. You don't have to do anything to update the devices.

AFFILIATIONS



AWARDS

**ASTORS AMERICAN SECURITY TODAY 2022-
BEST VIDEO ANALYTICS SOLUTIONS**

**SCHOOL AND MANAGEMENT NEW PRODUCT
AWARD 2018**

**SCHOOL PLANNING AND MANAGEMENT
2018 EMERGENCY COMMUNICATIONS**

**ASTORS AMERICAN SECURITY TODAY 2018
- BEST ALERT NOTIFICATION SYSTEM**

EXECUTIVE CIRCLE AWARDS 2020

**DIVERSITY IN BUSINESS AWARDS 2021
(DEREK PETERSON)**





Media Coverage and Testimonials:



"We are looking to protect and be proactive about what's going on inside of our schools. We look for devices like this to monitor areas where typically, cameras are not allowed."



"The exact goal of Soter technologies is to help schools keep students and staff safe."



"Anti-bullying technologies help educators and parents monitor what's happening."



"We believe this product is a game changer for schools and falls directly in-line with the new law recently signed by Gov. Andrew Cuomo which bans vaping and e-cigarettes in schools in New York State."



"It is a mechanism we're using to provide us with intelligence to manage students and help them choose."

Joseph D'Angelo-Principal Cheektowaga-Maryvale UFSD

Our Vape Detectors have served us well for three-plus years at our High School, and we are installing them in our Middle School throughout this year as well. They send alerts in real-time to administrators telling them the location of the detector that has been triggered, which allows for a quick response.

We know that vaping is unfortunately marketed in a way that targets young people, yet they may not fully understand the potentially harmful effects vaping can have on their health. In addition to helping curb the behavior in our buildings, our detectors allow administrators and student support staff to have conversations with students about the ways vaping can harm their bodies, which we hope ultimately helps to change this behavior.

Scot Bunch-Bastrop ISD

I would like to take a moment and express how happy we are with the [FlySense®](#) Vape Detectors. We have 100 of the sensors in our district and could not be happier with them. We are identifying students who are vaping and getting them into counseling and assistance programs. When the detectors are activated, we are able get immediate notifications that are reliable. We continue to order additional detectors in order to help keep our district as vape free as possible. To any district that is trying to get a handle on vaping in schools I highly recommend installing Flysense detectors.

Maciel Pais-GNB Voc-Tech High School

Vaping is a real issue for young adults in schools. Vape detectors have discouraged students from vaping in school. Soter Technologies has been a great company to work with as we deploy vape detectors throughout our school.

FlySense® testimonial [Warsaw R-IX Principal Testimonial](#)



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Environmental Intelligence for a Safer World
www.Sotertechnologies.com

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