

# TECHNOLOGY + EDUCATION HELPING SCHOOLS SOLVE REAL-WORLD VAPING CHALLENGES



## THE SENSOR

### Monitor your remote locations

Mount the sensor to a location that needs to be monitored. FlySense™ is powered via Power Over Ethernet Plus (POE+) or external power. Connect to Wi-Fi to tap into the power of FlySense™ smart sensing technology.



## MOBILE ACCESS

### Control at your fingertips

FlySense™ has a responsive web app that works on any mobile device. With our easy-to-use portal you are ready to monitor your devices, customize subscriber schedules, and view alerts from anywhere, anytime. No more guessing on what's going on in remote locations.



## INTELLIGENCE

### Tailor to your needs

In a few easy steps, add details to each location you are monitoring. FlySense™ will automatically calculate anomalies in sound and air quality and send you the appropriate alert.



**-NO-  
SMOKING**



**-NO-  
VAPING**

# REAL-TIME VAPOR DETECTION

CREATING A SMOKE FREE AND SAFE ENVIRONMENT

- FOR SCHOOLS AND WORKPLACES -



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# VAPING AND BULLYING ARE TWO MAJOR PROBLEMS IN TODAY'S SCHOOLS

Virtually every high school in America has a vaping problem. Student vaping is now being recognized as a national epidemic with over 2.1 million youth currently using e-cigarettes in 2017. Over 3.2 million students are victims of bullying each year.



# TAKE CONTROL

The key to improving life safety and security in schools is through automated situational awareness. Principals and teachers must receive real-time information about a possible threat / situation, so they can initiate the appropriate response plan. FlySense™ is a cutting-edge, turnkey solution for detecting vaping and bullying – particularly in school bathrooms and locker rooms. The vaping solution is comprised of an array of multi-sensor devices connected to a cloud-based platform. Each sensor device is capable of detecting vaping, smoke, and noise disturbance that suggests school violence such as bullying or fighting. When a sensor detects decibel level anomalies that suggest violence or chemicals from vaping, it sends an immediate, location-specific notification to the computers or mobile devices of one or more designated school officials.



## BENEFITS

- Vape and smoke detection
- Real-time smart phone and email alerts
- Helps mitigate risks and reduces staffing burdens
- Zero invasion of student privacy
- Supports state laws and compliances
- Deters harmful and dangerous behavior

HELP CLEAR THE AIR



YOUR SUPPORT IN ENSURING A HEALTHY ENVIRONMENT FOR STUDENTS, FACULTY, STAFF AND VISITORS IS APPRECIATED.

FLYSENSE™ IS A REAL-TIME VAPING AND ELEVATED SOUND INCIDENT DETECTION SOLUTION AND SMART ALERT SYSTEM THAT GIVES YOU CONTROL OF AREAS WHERE YOU CANNOT PLACE A CAMERA.

## INCREASE OF VAPE USAGE

2017 2.1 MILLION

2018 3.6 MILLION

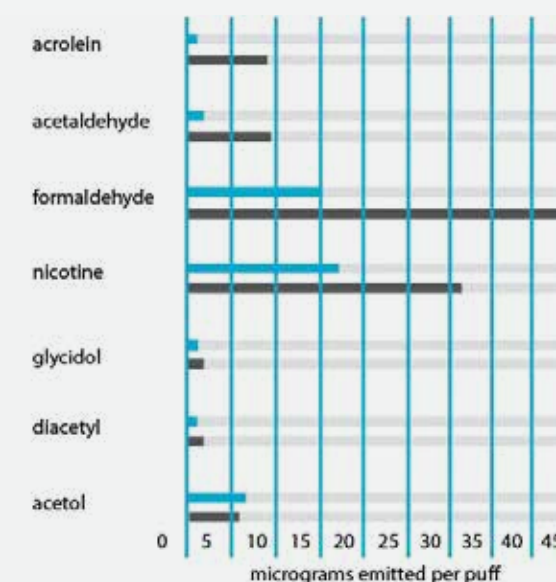
+ 1.5 MILLION INCREASE IN STUDENT VAPING USAGE



2019 A LARGE INCREASE OF USE IS EXPECTED

+48% MIDDLE SCHOOL

+78% HIGH SCHOOL



■ initial puffing ■ steady state

EMISSION RATES OF SEVEN OF THE MOST TOXIC CHEMICALS FROM A SINGLE-COIL E-CIGARETTE OPERATED AT A 3.6V.