



Finding the right vape detector is harder than it looks. Many devices detect only one thing, such as nicotine vapor or smoke, leaving gaps that residents quickly learn to exploit. THC vaping often goes unnoticed, and standard smoke detectors miss vape aerosol entirely.

In behavioral health and addiction treatment, those gaps matter. Recovery depends on an environment free of substances and the distractions they bring.

That's where **AirStart® for Behavioral Health** comes in. Built on the proven Vape Guardian sensor platform, AirStart detects nicotine vaping, THC vaping, and cigarette smoke in real time, without cameras, so your team can respond early and with care.

More Than a Policy Violation

- **Treatment integrity** – substance use on site disrupts care plans and sets back peers.
- **Safety and liability** – vaping in rooms and restrooms raises fire, contraband, and licensing concerns.
- **Staff burden** – room checks and patrols pull clinical and support staff away from resident care.

Why It's Hard to Solve Today

- **Cameras aren't an option** – bathrooms and resident rooms must stay private.
- **Smoke detectors miss it** – they cannot detect vape aerosol or THC.
- **Single-purpose devices leave gaps** – nicotine-only or smoke-only sensors let THC use go unnoticed.
- **Manual checks fall short** – patrols are inconsistent and can feel punitive.

No cameras. No recorded audio. No personal data.

Backed by a 100-day money-back guarantee.

How AirStart Works

- 1. Detect.** Ceiling-mounted sensors identify nicotine and THC vape aerosol, cigarette smoke indicators, and changes in air quality. They also flag sudden loud noises, which can signal an incident.
- 2. Alert.** Real-time alerts go out by SMS, email, or app to the right staff member, based on location, shift, and severity.
- 3. Respond.** Staff can step in quickly and consistently, following your clinical and house policies.
- 4. Review.** Analytics show patterns by location and time of day, so you can adjust staffing, supervision, and support where they're needed most.

Built for Both Sides of Your Team

For Clinical Leaders

Know sooner, so you can support faster.

- Earlier awareness of possible substance use on site
- Less intrusive than room searches or cameras
- Patterns that inform care planning
- A response that feels supportive, not punitive

For Facility & Operations Managers

Simple to deploy, easy to run.

- Ceiling-mounted Wi-Fi devices, no exposed wiring
- Alerts set to your shifts, locations, and escalation paths
- Integrates with existing security systems
- Less time on patrols, cleanup, and room turnover

Privacy by Design

Residents deserve dignity and privacy.

- **No cameras.** AirStart detects what's in the air, not who is in the room.
- **No recorded audio.** Sensors detect sudden loud noises only.
- **No personal data.** Only detection events, with time and location, are logged.

Proven Results

Schools, universities and commercial facilities across North America and the UK trust Vape Guardian technology. Different setting, same challenge: private spaces, high stakes and limited staff time. In a five-week pilot across 15 UK schools:

- **Weekly alerts fell from 100 to just 3** verified incidents by week 5
- **87%** of staff said it made vaping easier to tackle; **81%** felt vaping on site had dropped
- **76%** spent less time patrolling restrooms and corridors

"Vaping in restrooms has dropped by around 95%... The system works really well." — Facilities / Health & Safety Manager, Seaham High School

Low-Risk Adoption

- **100-day money-back guarantee.** Evaluate AirStart in real conditions, with confidence.
- **Pilot deployments.** Start with a few high-risk areas and expand once you see results.
- **Full deployment support.** TekStart can handle sensor placement, alert workflow design, and staff orientation.

Frequently Asked Questions

Does AirStart record video or audio?

No. There are no cameras. The sensors can detect a sudden loud noise, but they do not record audio or conversations.

How does AirStart protect resident privacy?

AirStart logs only detection events, such as vaping or a loud noise, with a time and location. No personal information is collected or stored.

What exactly does it detect?

It detects nicotine and THC vape aerosol, cigarette smoke indicators, air composition changes, CO₂ levels, noise, and occupancy.

Can't our smoke detectors already do this?

No. Standard smoke detectors are not designed to detect vape aerosol, and they cannot detect THC.

How are false alarms reduced?

AirStart uses a multi-signal detection approach tuned to reduce false positives, so your staff gets higher-confidence alerts.

Can devices be installed in resident rooms and bathrooms?

Yes. Devices mount on the ceiling with no exposed wiring. TekStart works with your team to plan placement for each area.

What does installation involve?

Several device options exist, including PoE, Wi-Fi, and 4G/LTE. Each is installed by connecting to the local network. TekStart can handle placement planning, alert configuration, and staff orientation.

Who receives the alerts?

You decide. Alerts can be routed by SMS, email, or app to specific staff based on location, time of day, and severity, with escalation paths you define.

What if it doesn't work for our facility?

AirStart is backed by a 100-day money-back guarantee. You can evaluate it in real-world conditions with minimal risk.

See AirStart in Your Facility

Request a demo, schedule a site consultation, or start a pilot deployment.

Visit tekstart.com/airstart/behavioral-health or email info@tekstart.com.

About TekStart® Group

Founded in 1998, TekStart® Group is a privately held firm dedicated to turning breakthrough technology concepts into market-ready success. TekStart® Staffing provides fractional executive support, partnering with innovators to fund, build, and scale advanced technologies. ChipStart® ASIC Design provides outsourced operations for semiconductor, consumer electronics, and IoT companies. AirStart™ Air Monitoring delivers real-time detection of environmental threats. With deep expertise and a trusted partner network across North America and Europe, TekStart Group helps clients reduce risk, accelerate time-to-market, and unlock lasting value. Learn more at tekstart.com.

Contact Info

4145 N. Service Rd.
Suite 200
Burlington, ON L7L 6A3

Phone: +1 (905) 634-6688

info@tekstart.com

1223 Wilshire Blvd.
Suite 113
Santa Monica, CA 90403

Phone: +1 (310) 210-2147
Toll Free: (844) 405-0005

www.tekstart.com

