



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 patients quickly learn to exploit. THC vaping often goes unnoticed, and standard smoke detectors miss vape aerosol entirely.

In addiction and mental health care, 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, synthetic cannabinoid (Spice), 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, sets back peers, and can trigger others in recovery.
- **Safety and liability** – vaping in rooms and restrooms raises fire, contraband (including Spice), 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 detect nicotine and THC vape aerosol, likely synthetic cannabinoid (Spice) use, cigarette smoke indicators, and air-quality changes. They also flag sudden loud noises (measured in decibels only) and over-occupancy, 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.

One Platform Across the Continuum of Care

Setting	Primary concern	How AirStart fits
Detox and residential addiction treatment	THC, nicotine, and Spice use that undermines treatment	Full detection suite, with alerts routed by unit and shift
Recovery residences and sober living	House-rule support with few or no on-site staff	4G or Wi-Fi models with no IT team needed, and alerts to the house manager
Inpatient and residential mental health	Patient safety, contraband, and escalation	Noise-spike and over-occupancy alerts, plus PoE models for managed networks
Co-occurring and dual-diagnosis programs	All of the above, in one environment	A single platform configured to each unit's policies

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, and House Managers

Simple to deploy, easy to run.

- Wi-Fi, PoE, or 4G models, no exposed wiring
- Alerts set to your shifts, locations, and escalation paths
- Integrates with existing security systems
- Nicotine alerts that follow your program's tobacco policy
- Less time on patrols, cleanup, and room turnover

Privacy by Design

Residents and patients deserve dignity and privacy.

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

Connectivity Options

Model	Best for	Details
Wi-Fi	Sites with an existing Wi-Fi network	Quick installation on 2.4 GHz Wi-Fi, powered by the supplied plug-in adapter
PoE (with Wi-Fi)	Hospitals and managed IT networks	Single-cable power and data (IEEE 802.3af), UPS-ready at the switch, with automatic Wi-Fi failover
4G	Recovery residences and sites without network access	Built-in 4G SIM, so no local network is needed. A monthly data fee applies per site, not per device.

Every deployment includes a required monitoring service, billed annually per site rather than per device.

Proven Results

Schools, universities, and commercial facilities across North America and the UK trust Vape Guardian technology. 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

Different setting, same challenge: private spaces, high stakes, and limited staff time. AirStart brings the same approach to addiction treatment and behavioral health settings.

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 and patient 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, likely synthetic cannabinoid (Spice) use, cigarette smoke indicators, air composition changes, CO₂ levels, noise level (in decibels), and over-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.

Is AirStart suitable for inpatient psychiatric units?

Devices mount on the ceiling with no exposed wiring.

What does installation involve?

AirStart comes in Wi-Fi, PoE, and 4G models. Wi-Fi and PoE models connect to your local network, while 4G models need no network at all. TekStart can handle placement planning, alert configuration, and staff orientation.

Does AirStart work in a sober-living home without IT staff?

Yes. The 4G model needs no local network, and TekStart configures alerts to go straight to the house manager by SMS, email, or app.

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.

Can alerts follow our nicotine policy?

Yes. You choose which alert types each staff member receives, by area and time window, whether your program is fully tobacco-free or permits designated areas.

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.

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