Hospitality Clients – Enforce Your No Smoking Policies
Canāree detects smoke & vape events, alerts staff and integrates into your HRMS system

Quickly detect in-room smoke and vape events

It's quite common for guests to abuse No Smoking policies in rooms, resulting in serious problems for the hotel proprietor:

- Avoid damage caused by smoking and save money on cleaning
- In some cases, increase the cleaning charges for non-compliant guests
- Support and prove your chargebacks with time-stamped, scientific proof
- Prevent fires caused by smoking from causing catastrophic damage
- **Improve the guest and resident experience by operating rooms that are cleaner, healthier, and safer**
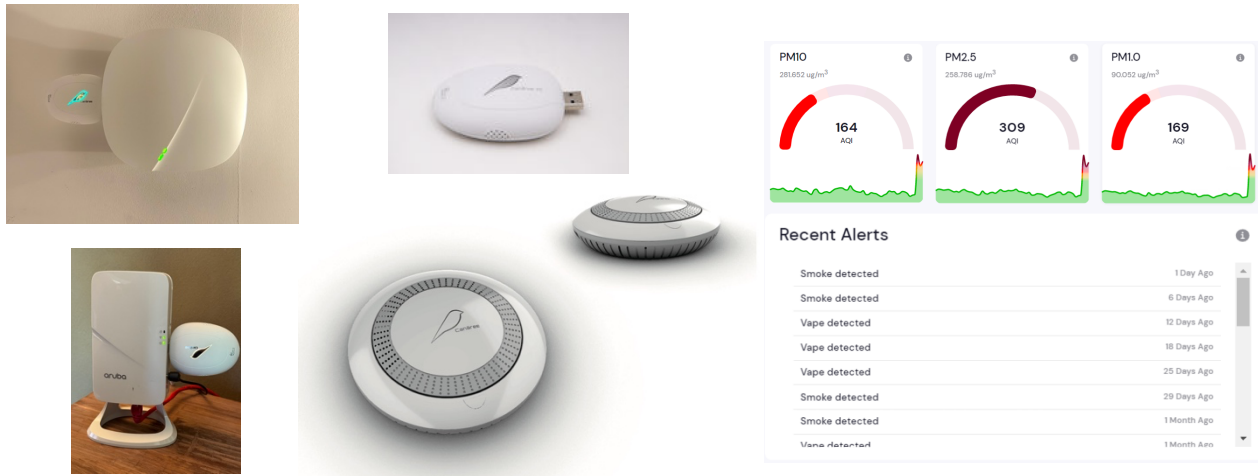

Who currently uses the Canāree monitor?

Canāree is widely deployed by hotels, apartment buildings, cruise ships, schools, hospitals, and short-term rental properties to detect unauthorized smoking and vaping. We help professional property managers maintain smoke-free buildings.

Industry studies in North America show that unauthorized smoking and vaping cost hotel managers more than $5.4B annually. As a result of these studies, alarming statistics have been revealed:

- **10.1% of non-smoking rooms experience a smoking event each month**. Hotels do not discover the event until the next morning when housekeeping cleans the room.
- **Average incident cost ranges from $500.** (economy brand) **to $1,500.** (upscale brand). If discovered after a late checkout, this can result in a lost night and guest incidentals.
- **Cleaning fees only cover about 39% of the true cost of smoking & vaping damage**
- **30-35% of cleaning fees end up as lost credit card chargebacks**
- **65% of the actual costs of these incidents result from negative reviews and reputation harm**

The Canāree is set up with the SenseiAQ dashboard which sends alerts (text messages or e-mails) to the front desk or purser each time it detects a vape/smoke event. The front desk or housekeeping can contact the room guest to alert them to stop.

What makes the Canāree monitor better than any other solution?

- Canāree gives an instant reading because it uses an AI model to detect vape at the edge, not in the cloud.
- Once an alert is raised, a text message or e-mail alert is sent to the hotel staff or the hotel management platform to take action. By the time a guest is on the second or third puff/hit, staff have contacted the guest.
- Canāree can be easily deployed using existing network access points (eg. Aruba, Ubiquity or Cisco) or anywhere where power can be derived from a USB port (eg. set top boxes)
- Competitors use an expensive gas sensing solution in combination with a low-cost PM2.5 particulate matter sensor to detect smoke, THC and vape. They are prone to false readings like body sprays and hair sprays.

Who invented the Canāree monitor?

Piera Systems Inc. creates hardware that monitors air quality. While these monitors could identify poor air quality, they were previously unable to pinpoint the source of pollutants. To address this issue, Piera partnered with **MACSO.ai**, a technology company from Auckland, New Zealand that has developed a unique platform which uses artificial intelligence (AI) to replicate the brain's sensory receptors. By combining MACSO's algorithms with Piera's hardware, the Canāree Monitor can now intelligently determine the type of aerosol it detects, and decide whether it is harmful, such as vaping or cigarette smoke. This method successfully differentiates deodorants from vaping aerosols.

Award Winning Canāree

Canāree has won the accolades of many in the industry. In 2023, the product has won an Innovation Award at CES 2023 and is the Product of the Year from the Edge/AI Vision Alliance:

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