

Why IAQ For Airplanes?

Key Benefits

- Set up a comprehensive Internet of Things (IoT) air quality solution to advance sustainability goals and differentiate your airliner.
- Create the safest indoor environment and set new benchmarks in the aviation industry.
- Optimize pilot and aviation personnel performance.
- Monitor critical levels of gasses, like carbon dioxide, that can impair a pilot's cognitive functioning.
- Alert pilots in real-time of any mechanical failures and unhealthy or toxic conditions up in the air.
- Emphasize accountability and safety based on the real-time acquisition and integration of quantitative air quality data.
- Achieve unparalleled health of the aircraft and the health of its passengers.



A cost effective, next generation solution in a single device to deploy inside aircrafts for continuous long term indoor air quality monitoring...

Keeping passengers, pilots & personnel safe

Continuous accurate & precise indoor air quality monitoring in any aircraft with never before seen information and analytics resulting in safer indoor spaces.

- **Monitor** key indicators of air quality in real-time using a single wireless, cloud connected device with 9 built-in sensors (PM₁, PM_{2.5}, PM₁₀, CO₂, CH₂O, VOCs, Temperature, Humidity, Pressure).
- **Prevent** asthma & respiratory symptoms triggered by PM, humidity, & mold growth, spikes in CO₂, gas leaks of VOCs from aircraft parts, cleaning products, with real-time IAQ monitoring and critical event detection.
- **Generate valuable data** about each aircraft in your fleet to substantiate corrective action before contamination with sophisticated alerts via text or email.
- **Ensure** the safest environment & most energy efficient use of systems with access to IAQ data anytime anywhere via the airthinx app or the professional console on the web.
- **Determine** if mechanical & air filtration systems are effective, optimize systems, and lower operational costs.
- **Realize** energy & maintenance dividends.
- **Benefit** from a large scale solution enabling rapid deployment of airthinx devices on every flight, simplifying everything.

