

# Why IAQ For Senior Living?

## Key Benefits

- Improve quality of life for more than 1.4 million residents living in nursing homes in the United States.
- Prevent the majority of lung disease by focusing on strategies like indoor air quality monitoring.
- Mitigate symptoms of *breathlessness, cough, wheezing, and cognitive decline*.
- Identify dangerous levels of particulates in the air caused by long-term exposure to traffic-related pollution.
- Monitor indoor temperature, relative humidity, VOCs, formaldehyde and CO<sub>2</sub> contributing to respiratory health issues like chronic obstructive pulmonary disease (COPD).
- Decrease the risk of health outcomes like *COPD, cardiovascular disease, stroke, Alzheimer's, diabetes, hypertension, and atherosclerosis* in elderly patients.
- Save on healthcare costs related to hospital admissions for asthma and COPD.
- Utilize the indoor air quality data to develop new health initiatives for taking care of the elderly in nursing homes.



airthinX

A cost effective, next generation solution in a single device to deploy throughout senior living facilities for continuous long term indoor air quality monitoring...

## Keep your residents safe

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

- **Monitor** key indicators of air quality in real-time using a single wireless, cloud connected device with 9 sensors (PM<sub>1</sub>, PM<sub>2.5</sub>, PM<sub>10</sub>, CO<sub>2</sub>, CH<sub>2</sub>O, VOCs, Temperature, Humidity, Pressure).
- **Prevent** asthma & respiratory symptoms triggered by PM, humidity, & mold growth, spikes in CO<sub>2</sub>, gas leaks of VOCs from appliances, cleaning products & paint supplies, and inhalation of PM smaller than 2.5 in size lodging deep in the lungs, with real-time IAQ monitoring.
- **Generate valuable data** about each room in your facility 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 for facility managers 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 a single device on every floor & room, simplifying everything.

