airthinx

Press Kit

Good air quality keeps you happy, well-rested & productive

We take between 17,000 and 23,000 breaths in one day

This is a story about how to feel safer in your home, your kids' school, a workspace, hospital, hotel room, airplane or any built environment because of a new trademark in health & wellness technology.

We take between 17,000 and 23,000 breaths a day, and spend 90 percent of our time indoors, where the air can be 10-100 times worse than outdoors. Exposure to indoor pollutants, like microscopic dust particles that lodge deep inside the lungs and blood, mold, carbon dioxide, VOCs, and formaldehyde, recently identified by the US EPA as a carcinogens, can trigger asthma, allergies and respiratory diseases, posing a dangerous health risk. In schools, controlling exposure to indoor environmental factors like dust and pollen could prevent more than 65% of asthma cases, accounting for 13.8 millions missed school days each year.

Airthinx is the 1st Internet of Things technology that measures 9 pollutants in real-time with all the data available via the cloud on a user-friendly dashboard and app, with measurements as accurate and precise (within 5 percent) as reference instruments, at a fraction of the cost (cost of a consumer product), making air quality monitoring feasible at room level. The technology has 3G And Wi-fi built in so the device is always connected. As a result, everyone has the ability to see the air they breathe (utilizing the measurements as a nutrition label for bad air quality).

The lung is the most common site of injury by airborne pollutants

The Airthinx IAQ solution offers continuous, accurate and precise indoor air quality monitoring at room level for any infrastructure, resulting in never before seen quantitative information and analytics that optimize decision-making for professionals and anyone concerned with their health. Each wireless cloud- connected smart device measures key indicators of air quality in real-time utilizing 9 built-in sensors that measure PM_1, $PM_{2.5}$, PM_{10}, CO_2, CH_2O, VOCs, Temperature, Humidity & Pressure. Building managers, employees and residents can access their data anytime anywhere via the app or on the web ensuring the safest environment and most energy efficient use of systems. Additional benefits include scalability of the solution across multiple locations, ease of use & implementation with each fully-calibrated unit, interoperability with other connected devices, open APIs that communicate with Building Automation Systems, and built-in 3G & Wi-fi so you're always connected.

The smart solution is powered by the Netronix IoT platform, ensuring unparalleled security of your data.

Inhaling high levels of PM reduces exercise performance by 24.4%

What does airthinx™ monitor?

Developed by industrial hygienists and engineers, airthinx is a professional instrument designed for everyone. By utilizing cutting edge technology sensors and artificial intelligence, it delivers continuous and accurate measurements of 9 air quality parameters and provides an overall AQ (air quality) score.

The Airthinx IAQ Device measures 3 different size particles in the air that range from 1.0 to 10 microns in size. To give an idea about just how invisible these particles may be, a single strand of human hair is 50 microns in diameter.

PM stands for Particulate Matter.

PM 1.0 PM 2.5 PM 10

Particulate Matter is commonly in dust, allergens & pollen. Cooking, smoking, crumbs & dirt will cause PM to spike.

The smaller the particle, the worse it is and the more likely it is to increase infection rates and cause respiratory illnesses. LEED recommends PM 10 levels below 50 $\mu g/m^3$ and PM 2.5 levels below 15 $\mu g/m^3$.

airthinx

Everyday products emit VOCs comparable to what comes out of the tailpipe of your car

The Airthinx IAQ devices measures VOCs. There are up to 300 VOCs with emissions indoors now equal to what comes out of the tailpipe of your car. Spraying any type of cleaning agent will cause VOC's to spike.

VOCs stand for Volatile Organic Compounds.

VOCs

The EPA classified Volatile organic compounds as carcinogens that can be found in everyday cleaning products.

OSHA and LEED recommend tVOCs below .5 ppm.

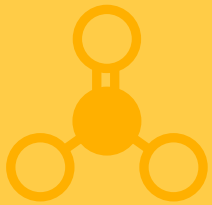
The Airthinx IAQ device measures CH_20.

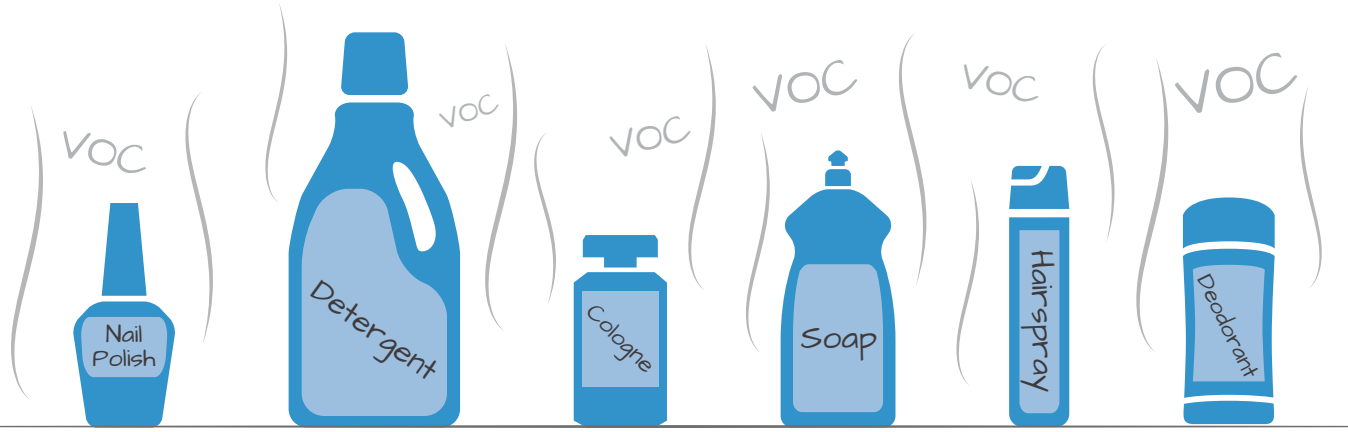
CH_20 stands for Formaldehyde

CH_20

Formaldehyde can be commonly found in adhesives & glues in furniture and building materials like pressed wood, carpets, fabrics & particle board.

The World Health Organization guideline for indoor air formaldehyde concentration is 0.1µg/m^3.





It teaches you how to adopt new habits to create healthier air quality in your home

The Airthinx IAQ devices measures CO_2. Humans emit CO_2 with every exhale. When we are sitting in a densely occupied space, there is a CO_2 bubble right in front of our face.

CO_2 stands for Carbon Dioxide.

CO_2

Anytime you have an increase of people in a closed environment, levels of CO_2 will spike.

Safe levels of CO_2 are around 500-600 parts per million. The EPA recommends levels below 1000 ppm.

To help you see a big picture of your air quality, the Airthinx IAQ device measures 3 additional environmental conditions: temperature, pressure & humidity.

F°	hPa	%
Temperature	**Pressure**	**Humidity**

Spikes in humidity may result in mold growth on any substance which can happen within 48 hours of contact with a surface. Heat stress may cause mental fatigue during performance of sustained-attention tasks that demand greater cognitive resources. And differences in pressure can increase the flow of infectious particles.

Optimal environmental conditions are 68-74 degrees Fahrenheit, with relative humidity below 50%, and low pressure differentials.

It’s Intuitive

Unlike conventional stand alone systems, the airthinx device carries IoT in its DNA

The solution is powered by the leading IoT platform developed by Netronix, which ensures scalability, reliability and security.

Airthinx Console
The console is web-based and designed with the professional in mind. It provides a plethora of tools for data analytics, alerts & notifications, device management, user management, collaboration tools between organizations and users, and the ability to view and manage 3rd party instruments* in addition to Airthinx devices for more comprehensive monitoring.

* Any 3rd party instruments (e.g. TSI, Thermo Scientific and others) connected to a Thiamis 1000 by Netronix can report data to the Airthinx console.

Airthinx App
The App offers the ability for anyone to better understand their air quality in any environment in the most intuitive way. See the classification of the air quality (AQ) – Good, Moderate or Poor based on data collected by Airthinx and advanced algorithms. You can easily identify parameters that contribute heavily on the deterioration of air quality, utilizing data trends and visual alerts.

Airthinx Cloud
The Airthinx cloud is the mastermind of the whole operation developed on a powerful platform that offers advanced security, reliability, scalability and provides a tool kit that includes a rich developers' environment (REST APIs and GraphQL), Integration bridges with 3rd party platforms (SAP, Nest and others), and SDKs for rapid development of applications.

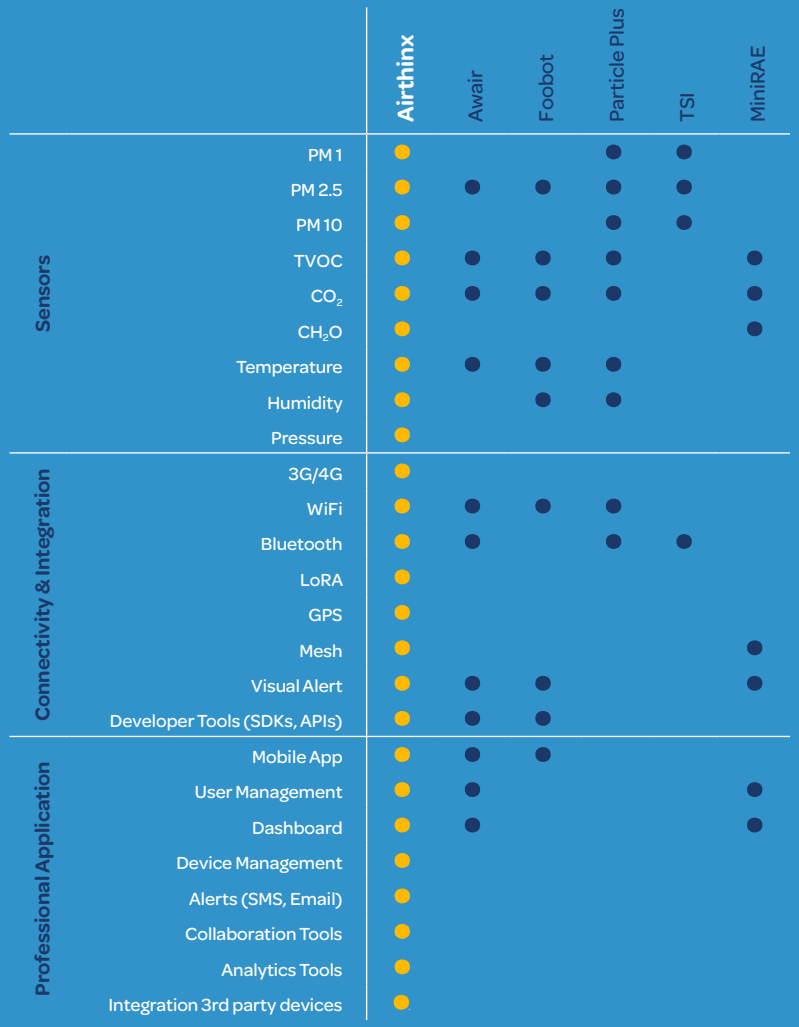
A new kind of bottom line

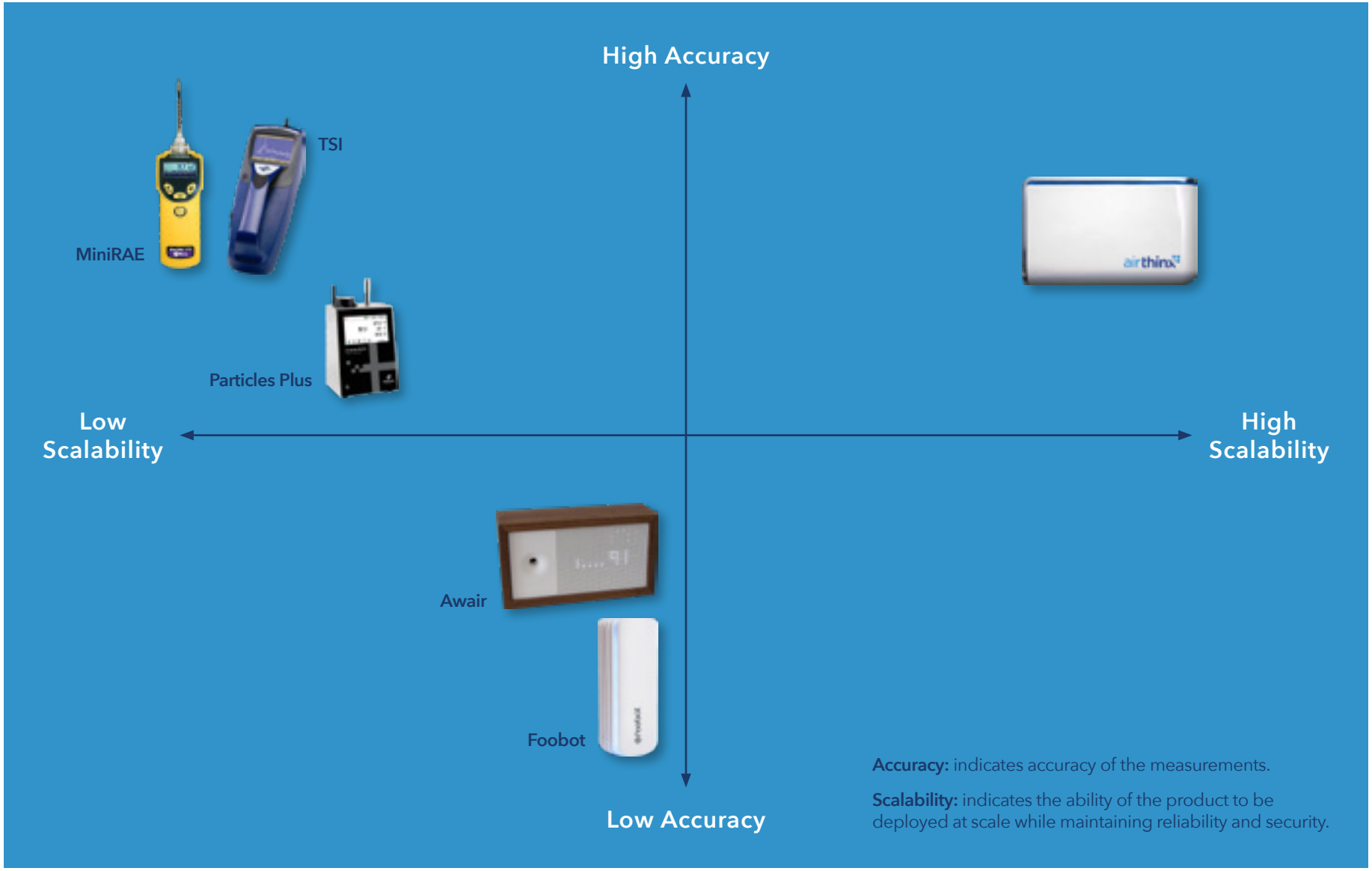
Accuracy. Airthinx is the only device on the market that measures 9 air quality parameters with the accuracy & precision similar to industry reference instruments. The Air Quality Management District of Southern California (AQMD) categorizes consumer gadgets such as the Foobot and Awair as air quality trend indicators and not air quality monitors.

Connectivity. Airthinx is the only device on the market that offers true mobility. With a built-in 3G/4G cell modem, it's not dependent on WiFi access for connectivity.

Developer Tools. Airthinx is designed with integration and interoperability in mind. Its developer tools enable data management and device management in addition to direct integration to systems such as SAP, Nest and IFTTT.

Professional Device. Airthinx is developed with the professional in mind. With a plethora of tools, it is the most comprehensive solution for indoor air quality monitoring.




High Accuracy
MiniRAE
TSI
Particles Plus
Low Scalability
High Scalability
Awair
Foobot
Low Accuracy
Accuracy: indicates accuracy of the measurements.
Scalability: indicates the ability of the product to be deployed at scale while maintaining reliability and security.

Airthinx

Performs like a professional instrument at the price of a gadget, making air quality monitoring affordable in every room

Price: $699

Gadget

Price: $150 - $350

Professional

Price: $3,000-$8,000

The US IAQ Market is expected to grow from $7.8 billion to $10.8 billion by 2021

The first affordable professional instrument for monitoring air quality in every room

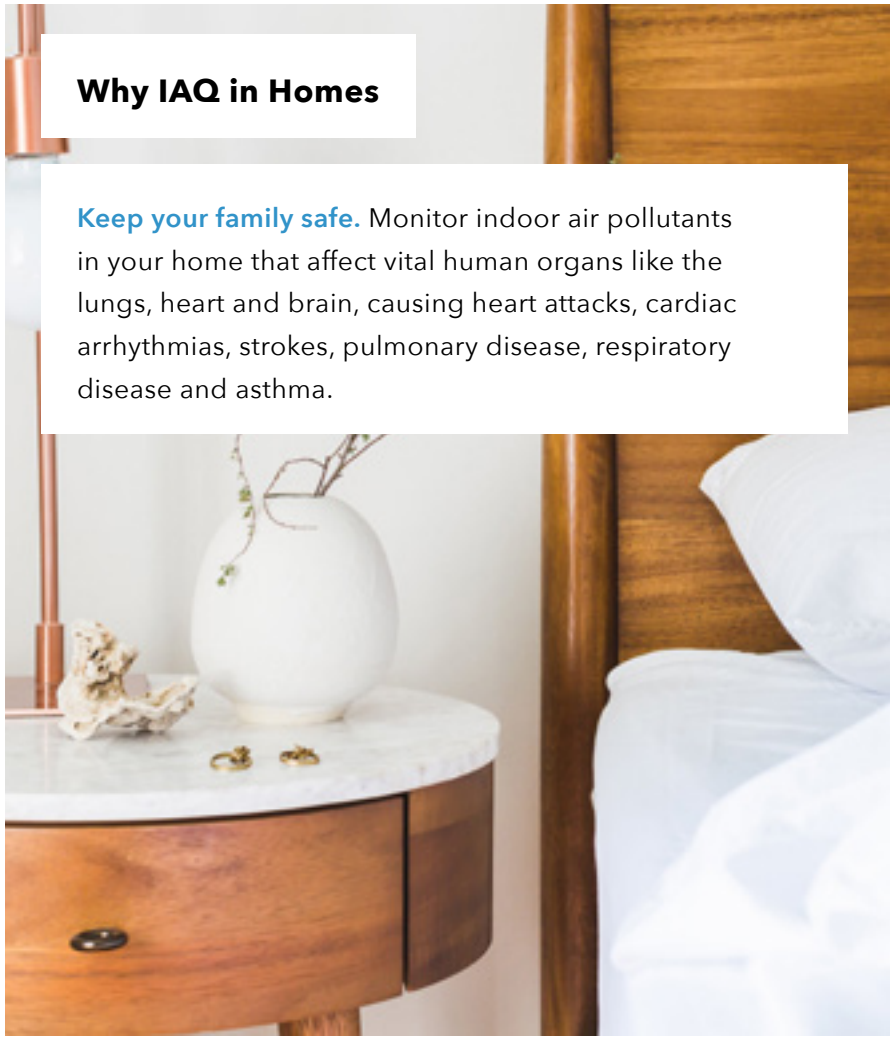
Why IAQ in Buildings

Future proof your infrastructure. The innovative cost-effective solution monitors airborne pollutants in workspace environments where air quality stability is essential for occupational health, safety, productivity and wellness.

Why IAQ in Hotels

A trademark for health & wellness. The world's most luxurious hotel spaces can now be the smartest too with Airthinx's continuous IAQ monitoring solution, bringing 5-star experiences and unparalleled health, wellness & comfort to every continent, in real-time.

1 out of 10 students has asthma accounting for 13.8 million missed days a year



Why IAQ in Homes

Keep your family safe. Monitor indoor air pollutants in your home that affect vital human organs like the lungs, heart and brain, causing heart attacks, cardiac arrhythmias, strokes, pulmonary disease, respiratory disease and asthma.

Why IAQ in Schools

Set students up for success. Achieve academic & athletic excellence in every classroom, art studio, lunchroom & gymnasium by monitoring key IAQ pollutants that impact student learning, memory, concentration, problem-solving and health.

Airthinx adds a new dimension to health and wellness

Why IAQ in Hospitals

Protect your Hospital. Create the most sterile environment in operating, patient, & isolation rooms to ensure the highest levels of safety and comfort for patients and staff.

"This is a pretty amazing new product," said Tim Hermes, VP & Group Publisher of Business Sector Media. "I saw it first-hand several months ago, and knew that its monitoring capability, functionality and ease-of-implementation could really make it stand out in our Awards program."

Airthinx democratizes air quality data by making it accessible to everyone

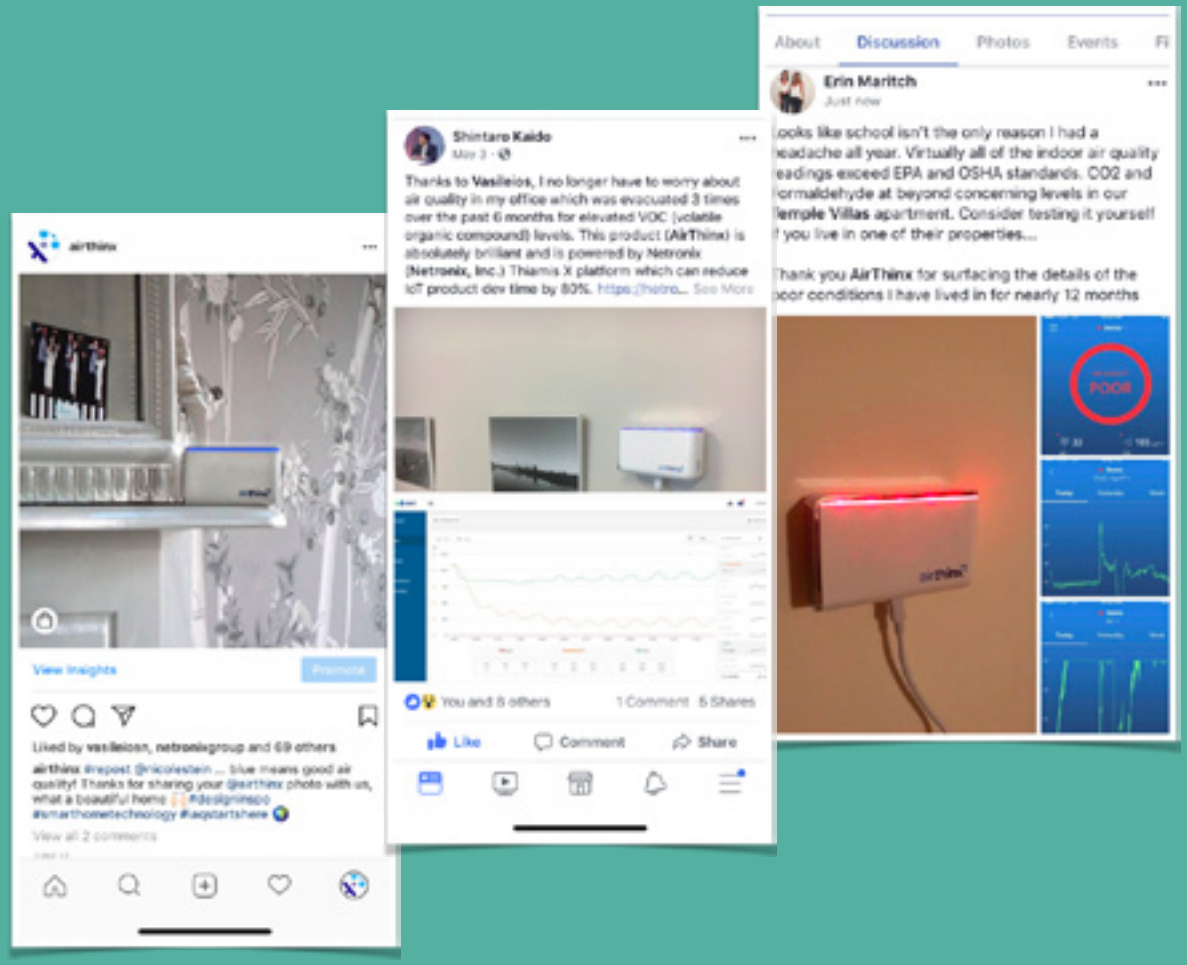
#IAQstartsHere

Instagram

Linkedin

Twitter

Facebook



You can see the food you eat, now Airthinx lets you see the air you breathe

Now shipping worldwide

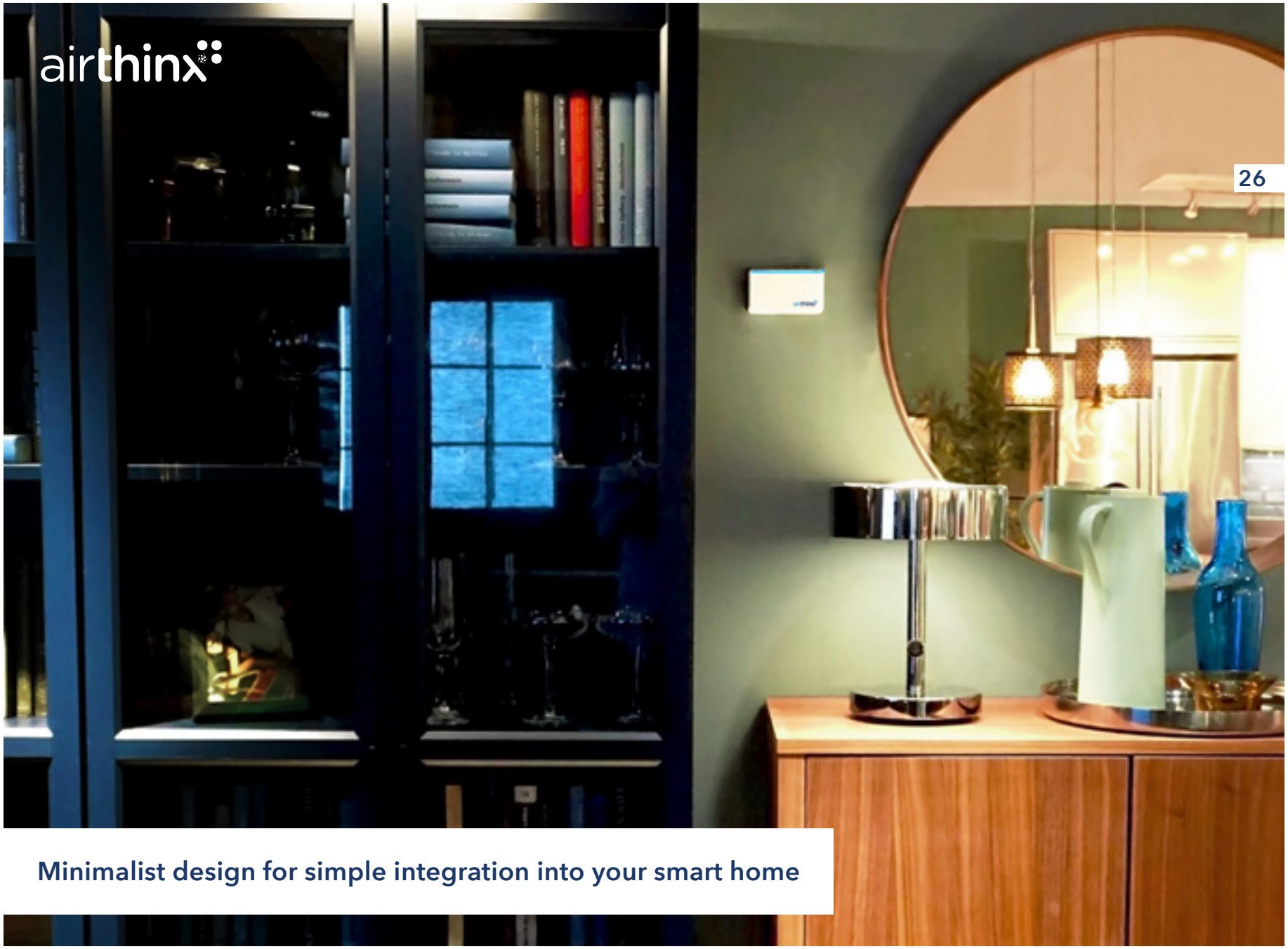
The Airthinx IAQ Device, a professional instrument, not a gadget

Simple Installation in 3 Steps

Plug & Play

The app lets you see the air you breathe in real-time

A scalable solution for monitoring air quality at room level in multiple locations



Minimalist design for simple integration into your smart home



PM Sensor		PM_1, $PM_{2.5}$, PM_{10}	0.3~1.0; 1.0~2.5; 2.5~10 μm
		Effective Range	0~500 μg/m³
		Resolution	1 μg/m³
		Efficiency	98%>=0.5μm
		Maximum Consistency Error	±10% @100~500 μg/m³
		Standard Volume	0.1L
Gas Sensor	CH_2O	Effective Range	0~1 μg/m³
		Resolution	0.001 μg/m³
		Maximum Error	<5% FS
	CO_2	Effective Range	0~3000 ppm
		Resolution	1 ppm
		Maximum Consistency Error	±50ppm+5%FS
		Single Response Time	< 3 sec.
		Total Response Time	≤ 25 sec.
	tVOCs	Effective Range	1 ~ 30 ppm of EtOH
		Sensitivity	0.15 ~ 0.5 Rs (10ppm of EtOH)/ Rs (air)

Environmental Sensors	**Temperature**	**Range**	0 - 99 °C
		Resolution	0.1 °C
		Maximum Error	±0.5 °C
	Humidity	**Range**	0-99 %RH
		Resolution	0.1 %RH
		Maximum Error	±2 %RH
	Barometer	**Range**	300-1100 hPa
		Resolution	±0.12 Pa
		Maximum Error	±1.3 Pa
Communications		**Cellular**	GSM/GPRS/EDGE 850, 900, 1800, 1900 MHz
			UMTS/HSPA 800/850, 900, AWS 1700, 1900, 2100 MHz
		WiFi	802.11 b/g
		Bluetooth	Bluetooth 4.0
		Mesh	Zigbee, LoRa
		GPS	Sensitivity > -165dBm, 3m Accuracy, A-GPS
		Antenna	Built-in (GPRS, 3G, GPS, Zigbee, Bluetooth, LoRa)
		SIM Card	Built-in
General		**Input Voltage**	5 VDC (micro-USB)
		Power	0.6 Watt
		Operating Temperature	-30 °C to 75 °C (-22 F to 167 F)
		Accelerometer	16g (13-bit resolution)
		Dimensions (LxWxD)	4.3in (110mm) x 2.6in (66mm) x 1.2in (30mm)
		Weight	0.4 Lbs (0.18 kg)
		Certifications	CE, FCC, PTCRB

environmental LEADER PRODUCT & PROJECT AWARDS TOP PRODUCT OF THE YEAR 2018

"Real-time indoor air quality data provides a real value to customers, especially considering the potential health risks of waiting for a monitoring device to arrive or waiting for the results of a test. This is a cost-effective solution."

Forbes

"Exposing Indoor Air Quality: Monitoring And Energy Efficiency Are Helping"

Medium

For your home
"AirThinx – the 'X' stands for: X-actly what you need"

"Langan has partnered with Airthinx to leverage the use of the devices in corporate buildings to help create a healthier and more productive environment while creating significant cost savings from maintenance and energy optimization."

Gary Bacon
EHS Management and Compliance
Langan Engineering, USA

"Nanolevel had been looking for air quality monitoring solutions when we stumbled across Airthinx. Plug and play, high-tech, affordable. The perfect complement to our Clean Air portfolio."

Michael Wehbe
Executive officer
Nanolevel, DUBAI

"Airthinx has revolutionized the industry with a product that enables affordable indoor air quality monitoring at room level."

Aleks Todorovich
Managing Director
Active Environmental Solutions, AUSTRALIA

Forbes May 14, 2018

Exposing Indoor Air Quality: Monitoring And Energy Efficiency Are Helping

Source: forbes.com/sites/kensilverstein/2018/05/14/exposing-indoor-air-quality-monitoring-and-energy-efficiency-are-helping/

Harmful pollutants are spewing everywhere, including indoors. And while the focus is on those external emissions created by power plants, industrial facilities and automobiles, there is solid reason to turn inward: The level of volatile organic compounds – gases from solids and liquids – is 10 times greater indoors than it is outdoors.

That's according to the U.S. Environmental Protection Agency, which adds that dirty air, generally, inside of commercial and residential buildings is two-to-five times greater than what is outside. And that is leading to health problems. In extreme cases, think of burning coal or wood for indoor cooking and heating in developing countries. The good news is that the technologies exist to monitor air quality and to improve energy efficiencies.

"As we learn to live a healthier lifestyle by eating better, we can also live a healthier lifestyle by breathing better," Vasileios Nasis, chief executive of the Netronix Group in Philadelphia told this writer. In doing so, he adds that "You can also contribute to energy savings."

As for Netronix, its relatively inexpensive instruments are installed within a business or home that gather data associated with air quality, all in real time. That information is then stored in the company's cloud software, which it monitors for a monthly fee. At the appropriate times, managers or consumers are notified to shift their usage patterns. That not only cuts down on electricity bills and pollutant levels but it can also improve the performance of existing equipment.

US Environmental Protection Agency workers don protective gear at 110 Liberty St to test cleaning methods as part of theEPA's indoor clean air initiative for Lower Manhattan, New York, New York, June 27, 2002. Some have walkie-talkies and others are bringing air quality monitors into the building. (Photo by Allan Tannenbaum/Getty Images)

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Green schools, for instance, say that they use a third less energy than conventionally-constructed schools, which cuts down on their utility costs and improves the air that students breathe. Ditto for hospitals, which must have sterile environments. By installing devices that can measure air quality, managers are notified of problems before they happen.

Consider that high CO_2 levels inside of a building cause headaches – an issue that can be resolved by sending automated signals to turn on fans or air condition units. Professional energy managers will know the various levels and will be able to set the parameters according to their preferences while businesses that lack such an expertise can work with their vendors.

The Payback

There's a range of solutions with quick paybacks. Creating real change means controlling demand at large plants and commercial buildings. Experts can study a facility's technologies and operating protocols and determine where the pitfalls lie. They can then provide a good range of retrofits and the potential savings that those innovations will produce.

The World Health Organization is actively addressing air pollution. Worldwide, it says that a third of cardiovascular diseases can be linked to indoor and outdoor pollution while 29% of chronic obstructive pulmonary disease deaths are tied to poor indoor air quality.

William J. Fisk, with the Indoor Environment Department at Lawrence Berkeley National Labs, writes that the annual savings and productivity gains would be greater than $200 billion. That includes everything from reduced respiratory disease to improvements in worker performance.

"It is very difficult to control air quality outside," says Netronix's Nasis, "but we can control it inside. In the process, we can save tons of energy while we also save money and preserve the environment."

One of the most common pursuits today is for buildings to get LEED certified to ensure that commercial construction meets modern standards. Such standards look at how buildings are fueled as well as water efficiency and indoor air quality.

According to the Green Building Council, offices consume 70% of the electricity load in the United States. They also account for roughly 38% of all greenhouse gas emissions and over the next 25 years, CO_2 emissions from those structures are projected to grow faster than any other sector, at 1.8% a year.

The companies that occupy those structures are going green to improve their brands. But they are also doing so because they can save money. One of the easiest ways to achieve environmental and energy savings is through lighting retrofits.

Consider Nissan Motor Co., which is allocating more capital to energy efficiency: Altogether, the company says that it has implemented $2.6 million worth of energy efficiency projects since 2012 while saving $2.1 million a year and preventing tons of carbon releases.

Hilton Hotels and Amazon's Whole Foods, furthermore, are helping out each other. Hilton, for example, suggested to Whole Foods that it use more natural lighting whereas Whole Foods thought Hilton ought to use more advanced lighting that dims when no one is around.

When it comes to cutting emissions, most of the focus is on external sources such as power plants. But it is also imperative that commercial and residential structures become more energy efficient, which will have an equally profound impact on the environment and on workers' health.

Environmental Leader

May 15, 2018

Airthinx Indoor Air Quality Monitoring Device

Source: https://www.environmentalleader.com/judges-2018-airthinx/

What the Judges said...

"Real-time indoor air quality data provides a real value to customers, especially considering the potential health risks of waiting for a monitoring device to arrive or waiting for the results of a test. This is a cost-effective solution."

Airthinx's indoor air quality monitoring device uses cloud-based plug-and-play sensor technology for continuous, long-term, and real-time monitoring. Nine built-in sensors measure PM_1, $PM_{2.5}$, PM_{10}, CO_2, CH_2O, VOCs, temperature, humidity, and pressure. The small device fits into the palm of a hand and has industrial accuracy, but costs less than industrial solutions, the company says. It uses the Netronix IoT platform and can be deployed quickly in commercial, retail, and residential buildings.

Users can test sustainability efforts around ventilation, air filtration, and green materials. Airthinx also provides API descriptions, allowing platform-to-platform communication about sensor data, location, alerts, and configurations, optimizing building performance by interfacing with cloud-based building management systems.

The product's alerts offer real-time notifications about poor indoor air quality, which the company says increases the overall health, wellness, and safety of employees in work spaces, students in schools, and patients in hospitals.

Conventional methods for collecting indoor air quality data typically rely on expensive stationary devices that require configuration, operation, and maintenance by a trained expert, Airthinx says. Continuous monitoring captures measurements at the room level, which is normally challenging to address, according to the company.

The Airthinx web application allows users to access real-time data analytics and features like differential alerts. For example, users can create multiple reference points from parameters monitored by one or more devices using minimum, maximum, difference, and average functions. In schools, Airthinx can be used to address dangers to children's health through the real-time monitoring of exposure to environmental conditions that trigger asthma caused by microscopic dust particles, carbon dioxide, formaldehyde, and VOCs.

The company says that the ability to collect data as soon as the device is plugged in instantaneously, continuously, and over a long period of time can provide users with a big picture of air quality. The company adds that its solution enables large-scale and rapid deployment of tens of thousands of devices, facilitating the collection of quantitative data in any infrastructure.

Visit Website

Business Wire

May 16, 2018

Airthinx Wins Top Product of the Year Award from Environmental Leader

Source: https://www.businesswire.com/news/home/20180516005103/en/Airthinx-Wins-Top-Product-Year-Award-Environmental

What if you could have a professional instrument to measure the pollution inside your home, work space, school, hospital, hotel room or even airplane? Now you can.

IRVINE, Calif.--(BUSINESS WIRE)--Airthinx, Inc., a provider of smart sensor air quality (IAQ) technology for healthy indoor spaces, today announced that the signature Airthinx IAQ Device received a Top Product of the Year Award from the Environmental Leader and Energy Manager Today Awards.

The Airthinx IAQ device delivers a continuous, accurate, & precise indoor air quality monitoring solution for infrastructures, resulting in never before seen quantitative information and analytics that optimize decision making for professionals and anyone concerned with their health. Each wireless cloud connected smart device monitors key indicators of air quality in real-time utilizing 9 built in sensors that measure PM_1, $PM_{2.5}$, PM_{10}, CO_2, CH_2O, VOCs, Temperature, Humidity, & Pressure. This ensures the safest environment & most energy efficient use of systems with access to data anytime anywhere for building managers, employees, and residents via a mobile phone or on the web.

Dr. Vasileios Nasis, founder of Netronix Inc., the Internet of Things platform that powers up the Airthinx, shares his enthusiasm: "We are thrilled to be part of the sustainable building movement and honored by the recognition. It is one thing to come up with an idea, and it's even more awesome to execute it. Netronix creates the opportunity for developers & OEMs (original equipment manufacturers) to come up with their own IoT solution in any vertical market. The example set by Airthinx changes the entire landscape of environmental monitoring. What was once unknown can be known, allowing people to see the air they breathe with a professional instrument, not a gadget. In less than a year since entering the market, the response by users has been overwhelming. The next step is going to be significant in years to come, especially in terms of public health."

The Environmental Leader and Energy Manager Today Product & Project Awards is a program recognizing excellence in products and services that provide companies with energy and environmental benefits to increase the bottom line. "This is a pretty amazing new product," said Tim Hermes, VP & Group Publisher of Business Sector Media. "I saw it first-hand several months ago, and knew that its monitoring capability, functionality and ease-of-implementation could really make it stand out in our Awards program."

Scores were determined by a panel of independent judges headed by Peter Bussey of LNS Research and also included judges from: Ball Aerospace, Best Buy, Black Ink Consulting, BSI Group, CANDA, Caesars, Consultant Ben Larkey, Harbec, Kellogg, Marriott, Miller Coors, Nike, Novartis, Sears Holdings Corporation, Strategic Sustainable Consulting, Sustridge, Tesla, Wellborn Cabinet, and Vincit Group.

"With a highly respected (and critical) judging panel and a strict set of judging criteria, entrants faced an extremely high bar for the level of product or project to qualify for an award," says Hermes. "Those who entered needed to bring their A-game to get even a sniff of award-nirvana. And they delivered."

Airthinx will be featuring its revolutionary indoor air quality monitoring device & solution at the Environmental Leader & Manager Today Awards Conference in Denver, Colorado, May 15-17 and the following week at the American Industrial Hygiene Conference & Expo in Philadelphia, PA, May 21-23. For more information please contact Julie Spitkovsky, j.spitkovskvy@airthinx.io.

Business Wire

November 06, 2017

Airthinx Unveils Revolutionary Indoor Air Quality Device for Healthier Indoor Spaces, Everywhere in the World

Source: https://www.businesswire.com/news/home/20171106005351/en/Airthinx-Unveils-Revolutionary-Indoor-Air-Quality-Device

IRVINE, Calif.--(BUSINESS WIRE)--Indoor Air Quality… Just got smarter! Airthinx, Inc. introduces its signature cloud-based sensor technology, a solution for continuous, long-term & real-time monitoring of Indoor Air Quality (IAQ). The Internet of Things (IoT) device packages nine built-in sensors (PM 1, PM 2.5, PM 10, CO_2, CH_2O, VOCs, Temperature, Humidity, & Pressure), measuring air quality with industrial accuracy, at a fraction of the cost.

Its mission: push the envelope, so everyone has awareness of their environmental surroundings in every indoor space. In the U.S., people spend an average of 21 hours inside, and the quality of indoor air has a significant impact on their health and productivity. Exposure to indoor pollutants like microscopic dust particles (PM 1) lodging deep in the lungs and blood, CO_2, formaldehyde, VOCs, and mold, trigger asthma, allergies, and respiratory diseases, posing a dangerous health risk.

The solution enables quick deployment of devices in commercial, retail & residential buildings with simple, affordable integration into any built environment. The results are better health, wellness, comfort, energy & performance in buildings, hospitals, schools, homes, hotels, and even airplanes.

The Airthinx IAQ solution is developed by Netronix's IoT platform (netronix.io), which guarantees the highest standards of security, reliability, and scalability of the network.

"The technology to screen air quality and have the data available in the cloud, quickly, cost-effectively, and securely in a portable product simply hasn't existed until Airthinx. We are excited Airthinx offers a cloud-based solution as an alternative or complement to conventional methods relying on industrial machinery," says Bruce White, VP of Operations of Airthinx.

With immediate data access on a phone or the web and sophisticated text or email alerts, decision-makers can anticipate needs, react accordingly, optimize building performance, reduce maintenance & operational costs, implement energy efficient systems, improve occupant comfort, and grow business in the long run.

Airthinx will join 800 exhibitors and 23,000 sustainability professionals in Boston, Mass., November 8-10 for the 2017 Greenbuild International Conference and Expo, co-locating with Architecture Boston Expo (ABX). "It's the world's largest conference and expo dedicated to green building," says White. "Airthinx is thrilled to be a part of the sustainable building movement." Attendees will be able to meet face-to-face with Airthinx at Booth S365.

Contacts

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Business Wire

September 04, 2018

Airthinx, Leader of Indoor Air Quality Space, Debuts in Premier Smart Home Sector, Adding Integration with Nest, Ecobee and More Through Robust IoT Platform

Source: https://www.businesswire.com/news/home/20180904005019/en/Airthinx-Leader-Indoor-Air-Quality-Space-Debuts

IRVINE, Calif.--(BUSINESS WIRE)--Airthinx, Inc., a provider of intelligent air quality technology for healthy indoor spaces, today announced the expansion of its signature product, the Airthinx IAQ Device, to include integration with Nest, EcoBee and other systems.

Launched in 2017, the Airthinx IAQ was the first low-cost professional instrument on the market delivering real-time continuous air quality monitoring with the accuracy and precision of reference instruments, allowing the most comprehensive overview of room level conditions in any built environment.

The 3G & wifi enabled smart device monitors 9 key indicators of air quality utilizing built-in sensors including PM_1, $PM_{2.5}$, PM_{10}, CO_2, CH_2O, VOCs, Temperature, Humidity, & Pressure.

The results are in: now anyone concerned with their health stands to benefit from never before seen quantitative information and analytics, optimizing decision-making in homes, ensuring the safest environment, with access to data anytime, anywhere for building managers and residents via the Airthinx App or Professional Web Console.

What differentiates Airthinx from "competitors" is the ease of adding new features for greater functionality. Unlike other devices, Airthinx is backed by a robust, full-scale IoT platform, allowing connectivity to any system, whether temperature and humidity controls, fresh air ventilation systems, and air cleaning systems. In other words, it's now easier than ever to take measurable action against poor air quality.

Dr. Vasileios Nasis, founder of Netronix Inc., the IoT Platform powering up the Airthinx, says of the new integration: "The most common question about indoor air quality is *'What am I supposed to do about it.'* Of course the first step is knowing, but then what? Now with Nest, Ecobee and other leading integrators in the smart home ecosystem, the Airthinx communicates directly with systems, providing data and instructions about what to activate at any given time, improving indoor air quality conditions, providing energy savings, while also increasing the longevity and performance of maintenance systems."

Good indoor air quality conditions not only protect the health of occupants, but also protect valuables inside homes, whether artwork, luxury items, or your four-legged friends.

Airthinx will feature its revolutionary IAQ solution at the Cedia Expo in San Diego, Sept 6-8 and the Air Sensors International Conference in Oakland, Sept 12-14.

Life is measured by the air you breathe and the moments that take your breath away