



Environmental Monitoring Solutions





Understand Your Environment

Environmental monitoring plays a crucial role in regulatory compliance, improving health and safety, and safeguarding our planet. Aethair offers a comprehensive suite of tools designed to securely monitor environmental conditions while seamlessly and wirelessly communicating with the Aethair platform to facilitate further data analysis and management. Users gain access to real-time updates on environmental conditions, streamlining monitoring and regulatory compliance processes, and enhancing the user's ability to monitor and respond to changes immediately. Aethair places a strong emphasis on precision, accuracy, reliability, security, and scalability. Trusted by industry leaders worldwide, Aethair stands out as the most comprehensive solution for real-time environmental monitoring.

Plug-and-Play Functionality

The Thiamis includes all the necessary ports to allow users to connect virtually any 3rd party sensor to our platform.



4G LTE Cellular Connectivity

Aethair Devices have global connectivity and are designed with enterprise level security, privacy, and scalability.



24/7 Remote Data Access

Remotely access real-time data from anywhere in the world, at any time, on our web console, Environet.



Solutions for every sector

Weather

Aethair provides remote access to data, facilitating easy monitoring and analysis of weather conditions from any location. Advanced analytics provide in-depth insights, improving accessibility and simplifying complex weather data. This also supports data-driven predictions and decision-making. Aethair offers a comprehensive weather monitoring solution, allowing users to leverage cutting-edge technology in a dynamic environment.



Water

Many global water sources and wastewater dischargers must perform on-site testing. Aethair offers continuous environmental & ambient water quality data, supporting advanced analytics, data monitoring, and real-time alerts for water quality changes. Organizations can streamline regulatory compliance, prevent fines, promote sustainability, and enhance their bottom line.



Air Quality

Aethair provides air quality monitoring solutions for indoor, outdoor, and on-the-go applications, aiming to minimize the need for compliance inspections and redundant maintenance that results in costly downtime. Aethair enables users to capitalize on our patented platform to help to enhance environmental conditions, optimize operations, and safeguard individuals.



Don't see your sector? Don't worry – we've got you covered!

These are only a few examples of potential applications for Aethair solutions. Regardless of the sector, we have tailored solutions to meet your needs. Reach out to us today to explore how we can assist you with environmental monitoring:

Email: sales@aethair.io Phone: +1 (267) 225-8487

Revolutionizing Data Connectivity

The Thiamis has been known by industry professionals for more than a decade, as it has been the only device that enables plug-and-play integration with 3rd party sensors. It offers capabilities including system control, data logging, digital processing, global positioning, and telemetry. The Thiamis includes multiple ports, allowing users to connect virtually any 3rd party sensor. By connecting a 3rd party sensor, you eliminate the need to manually retrieve monitoring data, as all data will be sent wirelessly over a secure cellular or wifi connection to the Aethair Cloud.



Hardware Connectivity

The Thiamis includes multiple ports, such as RS-485, RS-232 (3-multiplexed), SDI-12, 2 USB-C ports, and expansion ports for Analog and Digital I/Os, enabling users to connect virtually any third-party sensor or system. By connecting a third-party device, it eliminates the need to manually retrieve monitoring data, as all data will be sent wirelessly over a secure cellular or wifi connection to the Aethair Platform.

Extensive Device Compatibility

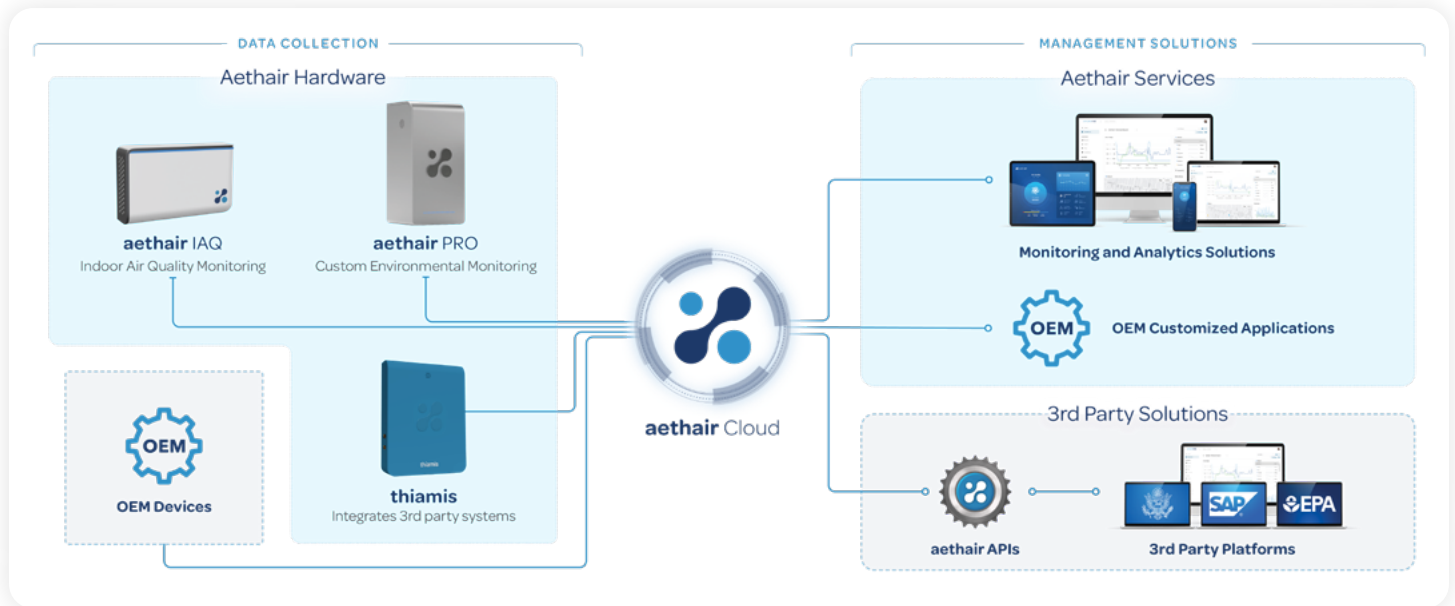
Thiamis has been used alongside many industrial sensors, offering professionals seamless access to their data. A few examples are:

- TSI DustTrak
- Eureka
- Thermo Scientific
- Eureka Water Probes
- Rae Gas Monitors
- QuestTemp
- Met One
- Teledyne ISCO
- DurrIDGE Radon Sensor
- Young ResponseOne
- Particles Plus
- **And More!**
- Alphasense
- Gill Maximet Sensors
- Davis Vantage Pro
- Macurco
- Lufft



An Integrated & Seamless Platform

Experience the efficiency of a unified solution that not only simplifies but transforms the monitoring process, setting a new standard in environmental data management. Offering unparalleled flexibility, the Aethair platform seamlessly delivers real-time data, enabling users to monitor their environment from anywhere, at anytime.



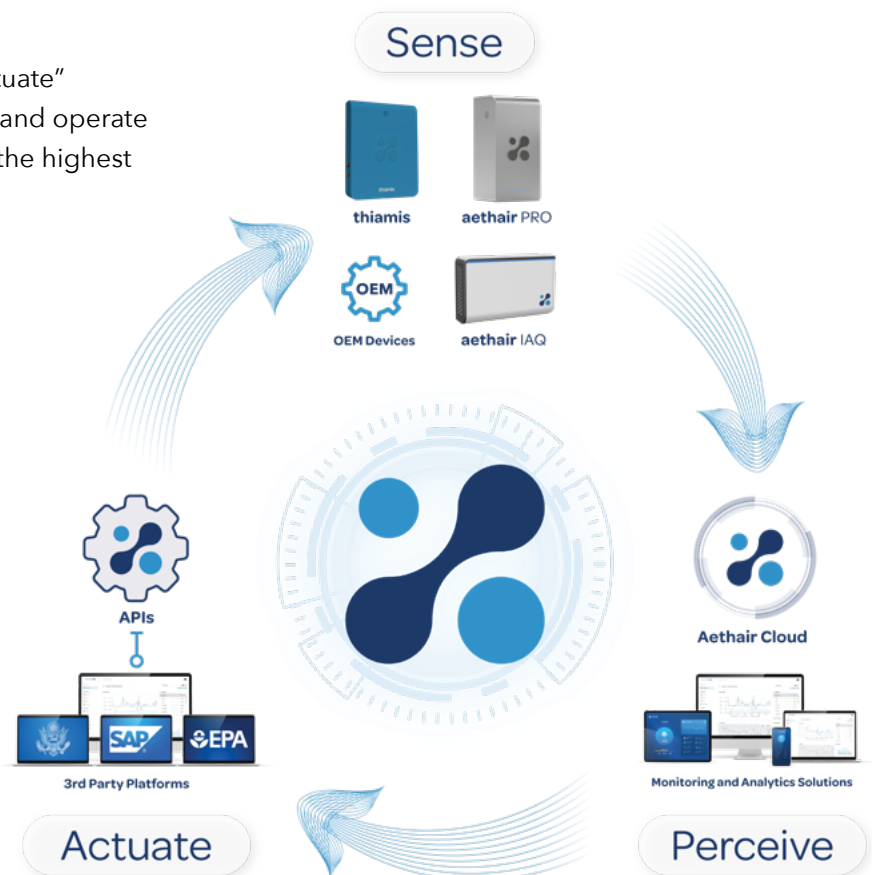
End-to-End Solutions

Our platform follows the "Sense - Perceive - Actuate" closed loop approach, providing easy to install and operate environmental solutions at any scale, following the highest standards for security & privacy.

SENSE Aethair devices continuously sense environmental conditions, communicating real-time data to our platform through a secure 4G LTE connection. This data is then instantly made available online on Environet.

PERCEIVE With Environet, users have access to all their data with the ability to visualize trends, map devices, set up real-time alerts, manage devices and users, generate environmental data reports, and much more.

ACTUATE By harnessing the capabilities of AI and ML and integrating them with real-time data, users can automate responses and leverage their data in a manner only achievable through the Aethair platform.

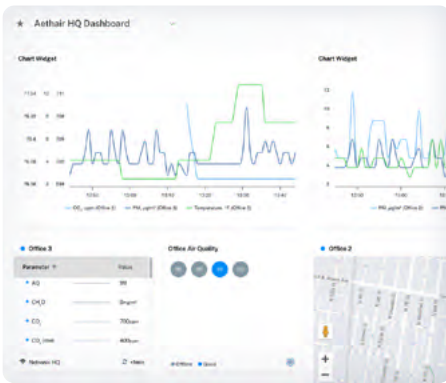


Data Monitoring & Management

Environet is the most advanced web-based environmental monitoring platform available on the market, trusted by large enterprises in mission-critical projects around the world. The platform enables device management, user management, analytics, alerts, real-time device mapping, reports, automations, and much more, all in a user-friendly environment. Users can access these tools, along with real-time environmental data, at any time and from any place in the world, in a secure and encrypted professional environment.

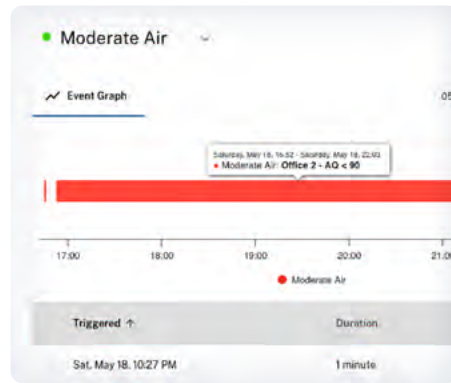
Customizable Dashboard

Create customized dashboards with various widgets for an instant view of real-time environmental data & analytics.



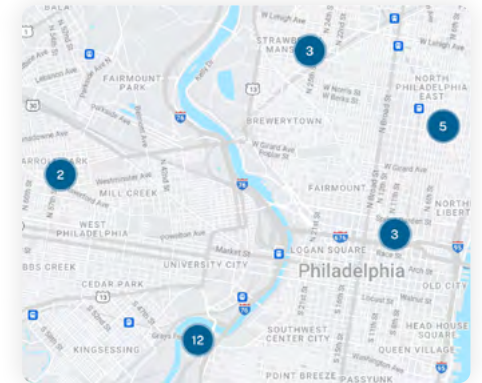
Real-Time Status Alerts

Customizable alerts provide immediate feedback on environmental changes, notifying those who need to know most.



Device & Data Mapping

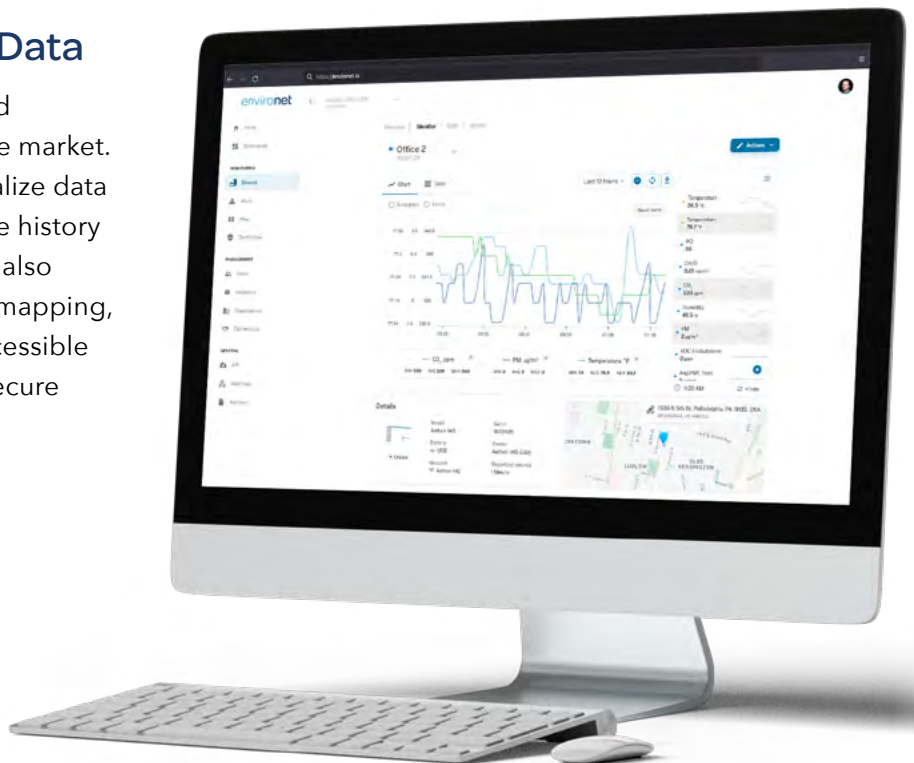
Map connected devices for improved environmental analysis and informed decision-making utilizing real-time data.



Transforming Environmental Data

Aethair offers the most advanced web-based environmental data platform available on the market. Users can monitor specific parameters, visualize data trends, and access all data recorded over the history of the device's operating time. The platform also enables device & user management, alerts, mapping, reports, and much more. These tools are accessible at any time, anywhere in the world, all in a secure and encrypted professional environment.

- 24/7 Access to real-time data
- Numerous tools for data analysis
- Individual parameter monitoring
- Advanced alert system



The Trusted Environmental Data Platform

Aethair is trusted by large enterprises in mission-critical projects all over the world, thanks to our ability to offer real-time monitoring using Aethair devices as well as 3rd party sensors connected via the Aethair Thiamis. With a strong foundation built on high-security standards, robust encryption, data integrity, and scalable capabilities, we've become the preferred choice for businesses that demand the utmost in data security and reliability. Join us and explore what is possible with secure, on-demand data.



Environmental

Harvest data seamlessly from a variety of sensors and monitors, guaranteeing data integrity, while enhancing operations with cutting-edge tools and intelligence.



Industrial

Experience unparalleled precision, security, and scalability for continuous monitoring, catering to the needs of any industry for compliance and safety.



Commercial

Elevate tenant satisfaction and streamline building ESG operations with powerful data-driven insights for unparalleled efficiency and excellent service.

When Data Matters The Most

With 24/7 access to air quality data from anywhere in the world, the Aethair platform offers users the most flexible monitoring solution available. The benefits and flexibility of using Aethair to view real-time data make it the easy choice for anyone who needs a reliable and secure solution for environmental data. The Aethair platform provides a way for users to:

- Adhere to Standards
- Comply with Regulations
- Improve Safety
- Reduce Liability
- Improve Quality Assurance
- Control Connected Systems



Aethair

Our mission is to leverage cutting-edge AI and IoT technologies to improve our environment and promote the health and well-being of people worldwide.

Over the years, we have garnered numerous awards, deployed devices in over 44 countries, and helped pioneer the future of indoor air quality monitoring. We are dedicated to fostering safer environments everywhere. Whether it's detecting smoke during wildfires or alerting individuals to biological and chemical hazards in any setting, including homes, hospitals, restaurants, shared transportation, and office buildings. We provide comprehensive environment monitoring for both indoor and outdoor settings, alongside third-party device integration, system management, and data integration.



A Global Data Platform

We are the most trusted global environmental and air quality data platform, serving the industry for over a decade. We provide minute-by-minute mission-critical data to professionals in enterprise, government, and military sectors worldwide. Our platform is recognized for its exceptional security, scalability, and data integrity.



36 Billion+
Annual Measurements



44+
Countries



10,000+
Professional Users

How can we help you?

If you would like to find out more about how we can help you, please give us a call or send us an email.

+1 (267) 225-8487
sales@aethair.io

see the air you breathe
aethair.io

