



SOLUTIONS FOR IVF Clinics



Protect Embryo Potential From Day One



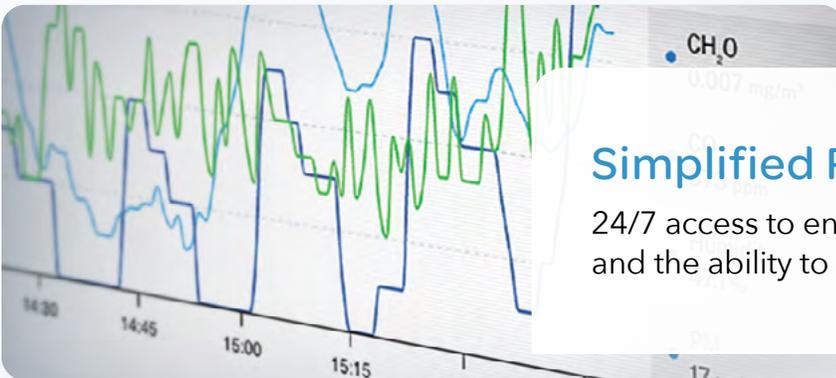
Safe Air, Strong Beginnings

In IVF environments, even minor fluctuations in air quality can have profound effects on outcomes. That is why environmental monitoring is not simply a precaution, it is a clinical imperative. From embryo culture labs and cryo-storage to patient rooms and consultation spaces, our technology safeguards the most sensitive aspects of reproductive care. This fully integrated system delivers continuous real-time data, customizable alerts, and compliance-ready reporting. Together, these tools help ensure the viability of embryos, protect the integrity of laboratory work, and reinforce patient confidence. With Aethair, IVF providers can offer a measurable layer of safety, meet the highest standards for regulatory oversight, and support successful outcomes from the very first cell.



Patient Transparency

Instill confidence and ensure safety for occupants, building a secure, health-conscious environment.



Simplified Reporting

24/7 access to environmental data, automated alerts, and the ability to quickly generate custom reports.



Clinical-Grade Solutions

Real-time monitoring, backed by precision-calibrated sensors and compliance-ready reporting.

Generate Reports in Seconds

Automatically organize environmental data and surface insights critical to embryo safety and lab compliance, with reports delivered on a set schedule. Configure reports to align with healthcare standards such as **CDC** and **WHO** guidelines. Aethair Reports deliver clear, actionable insight that supports accreditation, protects embryo integrity, and enables confident, data-driven decisions.

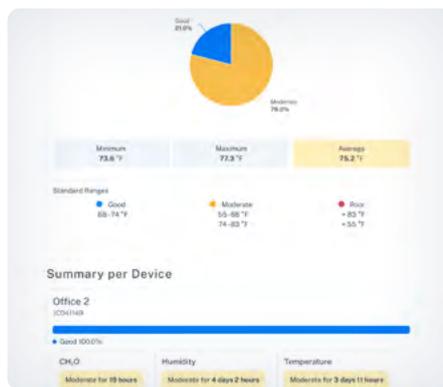
Scheduled Reports

Simplify reporting with scheduled PDF reports automatically delivered to your inbox each day or week.



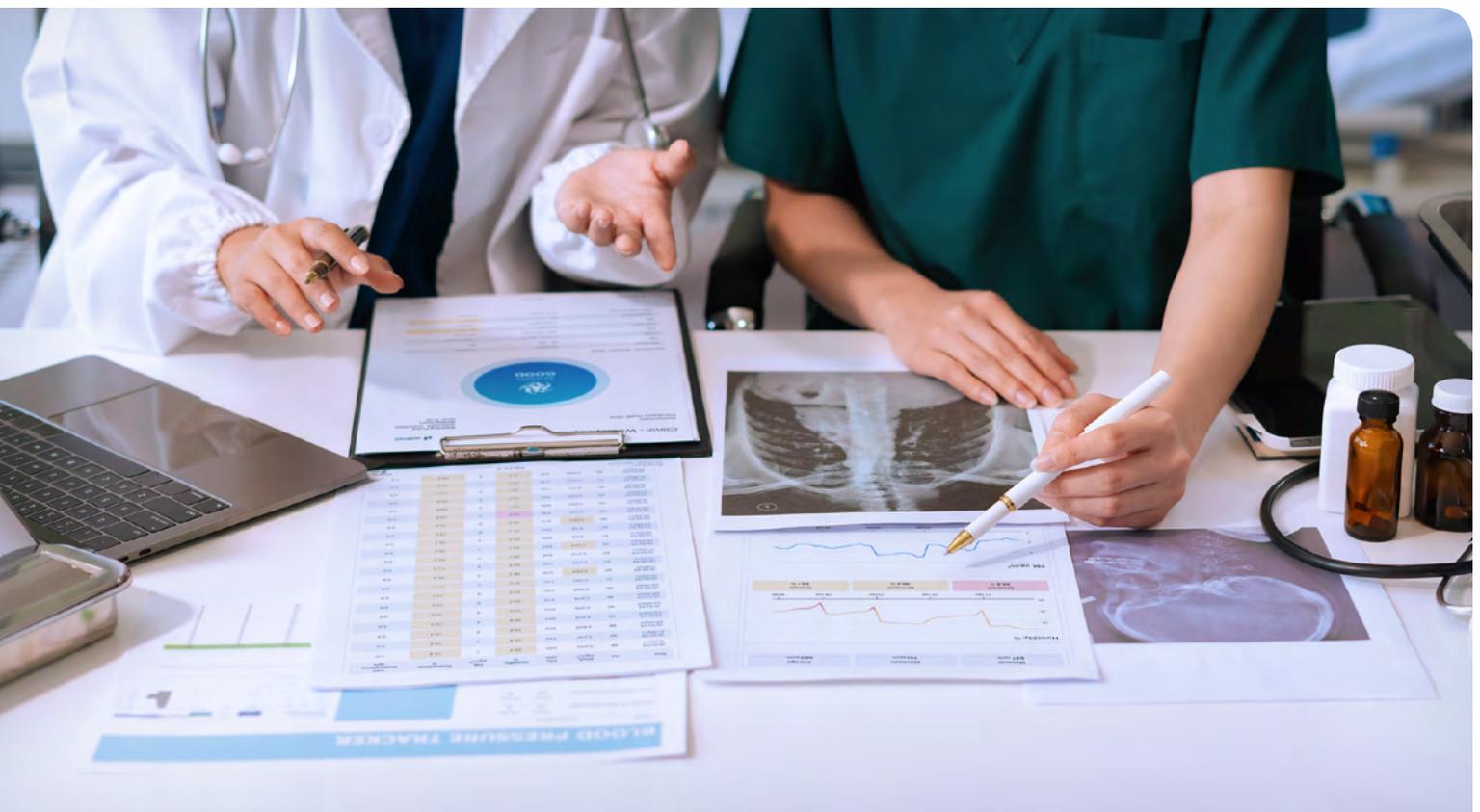
Data Summaries

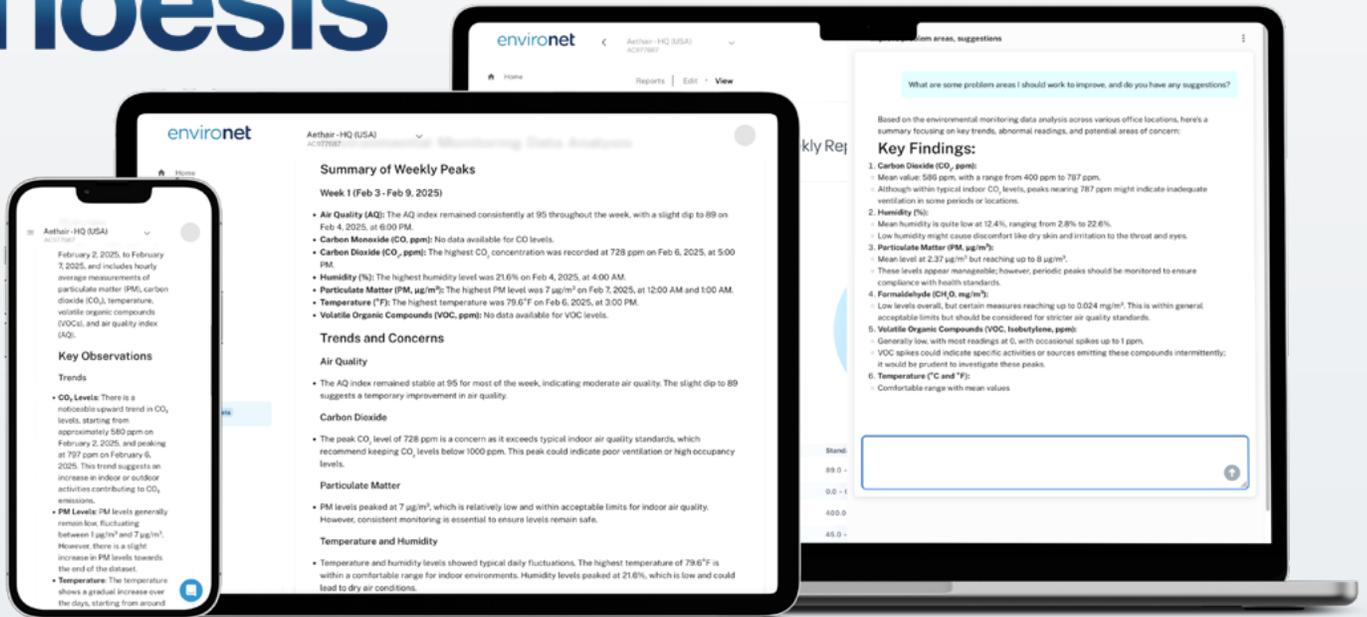
Reports provide clear breakdowns and visualizations with per-device summaries, timelines, and alerts.



Extended Analysis

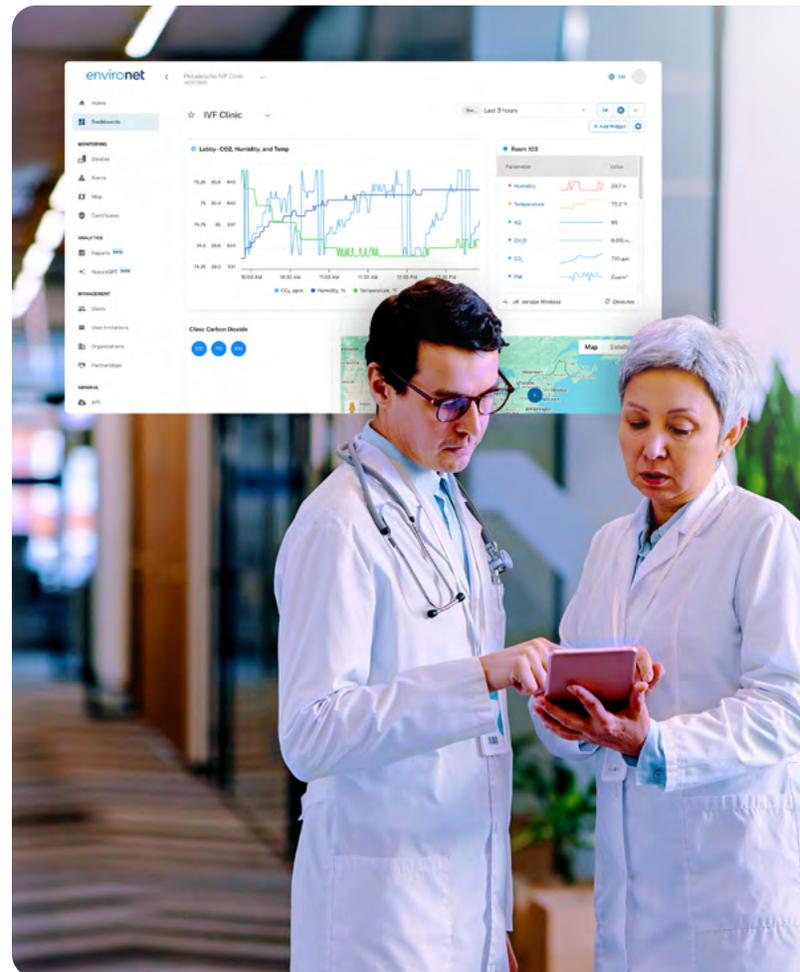
Deeper per-device analysis with graphs and detailed data tables that track parameter trends.





Simplifying EHS and Compliance

Noesis improves how IVF labs interact with environmental data and converting it into clear, defensible insights. Ask natural-language questions like “Which lab zones exceeded VOC or particle thresholds this week?” and get instant answers. Noesis analyzes real-time and historical data to detect inefficiencies, identify risks, create multi-condition alerts based on defined thresholds, and generate compliance-ready summaries aligned with reproductive-medicine standards. The result is **faster, data-driven decisions that protect embryo viability, staff safety, and lab integrity.**



Aethair PRO in IVF Labs

Protect embryo viability through precision environmental monitoring. IVF laboratories demand absolute control over their environment. From the earliest stages of cell development to embryo transfer, air quality plays a decisive role in success rates, patient trust, and long-term clinical outcomes. Aethair PRO is engineered for these mission-critical spaces, offering laboratory-grade environmental intelligence that continuously monitors and protects where it matters most.



VOC Monitoring for Embryo Viability

VOCs are invisible threats to embryo development, even at low levels. Aethair PRO offers real-time, clinical-grade monitoring with sensors calibrated against reference instruments, helping IVF professionals maintain safe conditions and respond before outcomes are at risk.



Gas Monitoring for Cryo & Storage Safety

Cryogenic storage systems can pose hidden risks like oxygen displacement and gas leaks. Aethair PRO has a customizable gas sensor configuration and delivers real-time alerts, enabling staff to safeguard both stored reproductive cells and their own safety—no matter where they are.

Proactive Protection for IVF Outcomes

When success depends on the purity of the environment, Aethair PRO offers more than data—it delivers peace of mind. Protect the potential of every embryo with continuous intelligence from the most advanced monitoring system available to IVF labs. Aethair PRO isn't just a sensor—it's a safeguard. Monitoring capabilities include:

› Custom Gas Sensor Configuration

Protect embryo culture conditions and ensure proper ventilation in tightly controlled lab spaces.

› Particulate Matter

Identify airborne particles that may impact patient health or indicate HVAC system issues.

› Pressure, Humidity, and Temperature

Maintain optimal conditions for embryo culture and prevent unnoticed environmental drift.

› Real-Time Alerts and Reporting

Align with ISO, CAP, and FDA guidelines using customizable thresholds and audit-ready data.



Facility-Wide Air Quality Monitoring

Monitor all the spaces that matter, protecting patients and staff. In IVF facilities, every space plays a role in patient care, staff safety, and embryo viability. Aethair delivers facility-wide air quality intelligence by combining Aethair PRO for clinical areas and Aethair IAQ for general areas, supported by the Environet platform. Together, they help ensure a clean, safe, and transparent environment from lab to lobby. This gives IVF clinics the data they need to safeguard embryo viability, meet regulatory standards, and demonstrate environmental control to patients and auditors.

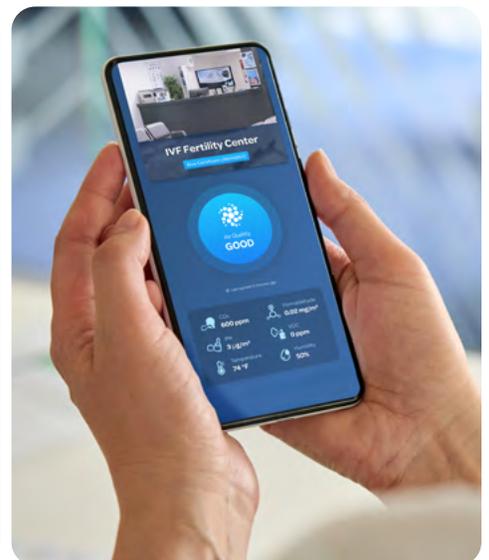


Coverage for Patient and Staff Areas

Monitor air quality in consultation rooms, waiting areas, and recovery zones—spaces that are essential to the patient experience. This visible commitment to environmental safety not only reassures prospective parents but also sets your clinic apart, delivering a cutting-edge standard of care that most IVF facilities simply don't offer.

Air Quality You Can See, Trust, and Share

Aethair's live air quality dashboards can be displayed on lobby and waiting room screens, accessed online, or viewed on mobile devices via QR code. By making this information visible and accessible, IVF clinics demonstrate a strong commitment to patient safety, comfort, and transparency—elevating the patient experience, building trust, showcasing accountability, and highlighting a forward-thinking standard of care.





aethair

Air Quality
GOOD

Formaldehyde
0.00 mg/m³

Temperature
73 °F

Humidity
51%

IVF Fertility Center
Blue Certificate (04/09/2021)

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Did you know?
Studies have shown that low humidity levels can support airborne viruses, increasing infection rates.

aethair



SCAN THE QR CODE TO SEE OUR
Aethair HQ Air Quality



Extending Care Beyond the Clinic

Extending air quality monitoring into patients' homes adds a powerful new layer of care in the IVF journey. With Aethair IAQ monitors, clinics can empower patients to track indoor air quality in real time—receiving alerts about air quality conditions that could impact health and fertility outcomes. This at-home visibility supports healthier living environments during a critical period, helping protect embryo viability and maternal well-being outside the clinical setting. By offering air quality monitoring beyond the walls of the facility, IVF providers demonstrate a proactive, patient-centered approach that enhances care continuity, builds trust, and sets a new benchmark for environmental awareness in reproductive health



Differentiate Your IVF Clinic

Offer a more comprehensive and holistic approach to patient care with real-time monitoring and alerts.



Support Embryo Development

Reinforce optimal environmental and air quality conditions critical for embryo incubation and growth.



Empower & Reassure Patients

Give patients a tool to help safeguard their home environment during a critical phase of treatment.



Seamless Continuity of Care

Bridges the gap between clinic visits with ongoing environmental oversight in the patient's daily living space.



Protecting the Path to Parenthood—Even at Home

Maintaining clean air at home is vital during IVF treatment and early pregnancy. Even short-term exposure to fine particulate matter (PM2.5 and PM10) has been shown to impact fertility, egg quality, and embryo development—even in regions with otherwise good air quality.

› At-Home Monitoring

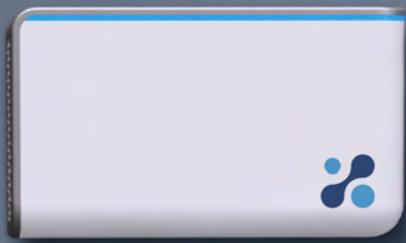
Patients spend much of their treatment at home, where clean indoor air is essential to reproductive health.

› Proactive Approach

Identify and mitigate exposure before it is harmful, supporting better IVF outcomes.

› Comprehensive Care

Offer a more comprehensive approach to patient care, helping to safeguard health throughout treatment.



Monitoring the Air That Nurtures Life

For over a decade, Aethair has been the trusted platform for real-time air quality and environmental monitoring. Our unified solution simplifies and elevates the monitoring process, setting a new standard in environmental data management. With unmatched flexibility, Aethair delivers real-time data accessible from anywhere, at any time. Each device is calibrated to clinical-grade standards and includes a calibration certificate, providing accurate, continuous on-site monitoring that supports real-time analysis, effective remediation, and informed decision-making

Unmatched Performance

The only device of its kind, calibrated & certified with performance correlating to over 90% of that of reference instruments.

Intelligent Analytics

Combining AI and machine learning, Aethair devices monitor, collect, and organize data accurately.

Standalone Connectivity

Independent and self-sufficient devices that utilize cellular communication, without the need for a local network.



aethair PRO

The ultimate solution for customizable clinical-grade air quality monitoring. Monitors particulate matter, temperature, pressure, and humidity, and up to two gas sensor cartridges.

- › Continuous Clinical-Grade Monitoring
- › Certificate of Calibration & Accuracy
- › Custom Gas Sensor Configuration
- › Simple Plug-and-Play Operation



aethair IAQ

Aethair IAQ is precision-calibrated and certified for exceptional accuracy. Monitors 9-parameters including PM1, PM2.5, PM10, tVOC, Formaldehyde, CO2, Temperature, Humidity, and Pressure.

- › Monitor Key Air Quality Parameters
- › Certificate of Calibration & Accuracy
- › Continuous Air Quality Monitoring
- › Simple Plug-and-Play Operation

Air Intelligence for IVF Environments

Environet is the most advanced web-based environmental data monitoring platform available, trusted by large enterprises in mission-critical projects around the world. In IVF care, Environet provides real-time visibility into air quality across clinical labs, procedure rooms, and patient areas—ensuring that conditions remain optimal for embryo viability, staff safety, and regulatory compliance. With secure remote access, customizable alerts, data visualization, trend identification, and historical data, Environet empowers IVF professionals to proactively manage environmental conditions and maintain the highest standards of care from lab to lobby.

Continuous Monitoring



Real-Time Status Alerts



Historical Data and Reports



Protecting What Matters

Aethair delivers real-time data and report-ready analytics that help teams control conditions across every part of the fertility journey. The result is clearer decisions, lower risk, and stronger outcomes at every step.

Labs & Embryo Storage

Continuous monitoring of air quality, VOCs, temperature, and pressure to help protect embryo viability. Real-time alerts and report-ready data support strict stability, prevent drift events, and document compliance.



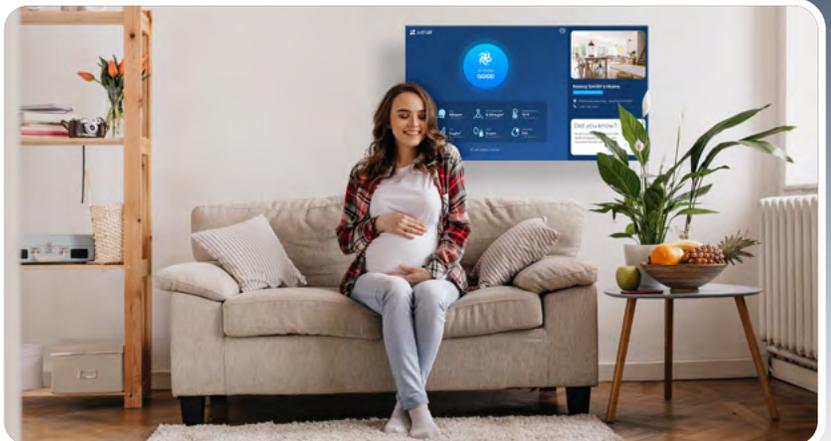
Clinical Spaces

Monitor conditions in consultation rooms, procedure areas, and shared spaces to gain clear visibility into air quality and ventilation performance. This helps reduce exposure risks, support compliance, and improve patient confidence.



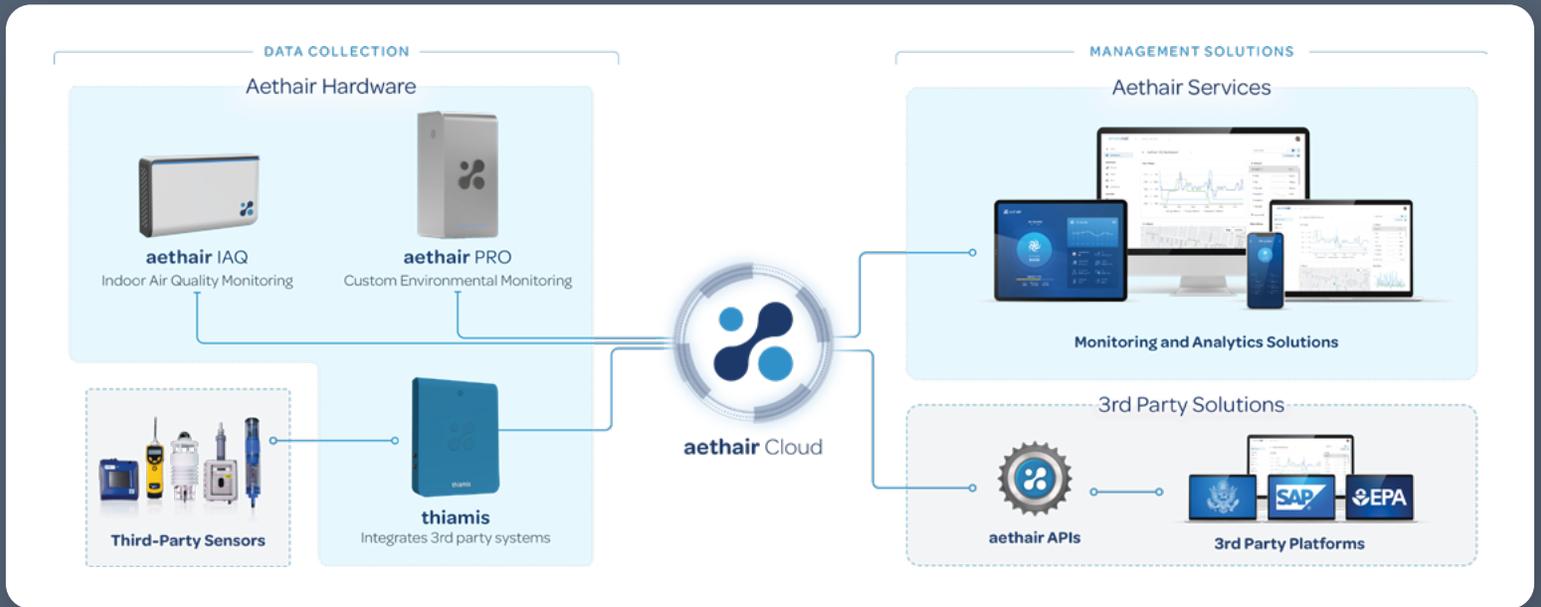
Patient Homes

Extend monitoring beyond the clinic by tracking key air quality conditions in patient homes during treatment cycles. This creates a unique opportunity to support IVF success and strengthen continuity of care from home to clinic.



Integrated & Seamless

Aethair unifies hardware, cloud, AI, and analytics into one secure platform where data is encrypted and verified end-to-end, ensuring integrity and minimizing human error. The result is an integrated infrastructure that simplifies environmental management, builds trust in every dataset, and enables confident, data-driven action anywhere.



The Trusted Environmental Data Platform

Aethair is trusted worldwide for mission-critical environmental monitoring. As a global platform, it integrates Aethair IAQ, Aethair PRO, and third-party devices (connected through Thiamis) to deliver verified, real-time intelligence from any location. Built on advanced security, end-to-end encryption, and proven data integrity, Aethair provides the reliability, transparency, and control demanded across enterprise, government, and defense sectors. With over a decade of experience, Aethair sets the benchmark for secure, scalable environmental intelligence.





How can we help?

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

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