



Environet





Environmental Intelligence Platform

Environet is Aethair's environmental intelligence platform for continuous monitoring, analysis, and reporting, trusted by large enterprises in mission-critical projects worldwide. It combines real-time and historical data with cloud analytics to deliver actionable data for EHS, ESG, compliance, and operational teams. Environet supports device and user management, real-time analytics, alerts, mapping, automations, and automated, report-ready outputs within a secure, professional environment. Data is accessible anywhere, at any time, with full transparency and data integrity.

AI-Powered Analytics

Turn complex data into insights. Ask questions, analyze large datasets, and simplify compliance.

Compliance Made Simple

Quickly generate custom, professional reports. Aethair makes reporting simple, accurate, and fast.

Active Risk Management

AI insights and real-time alerts detect site risks early so teams can act fast and stay compliant.

15-Minute Rolling Average Analysis of Dust Co

Date Range Analyzed: 2025-09-02 06:47:00 to 2025-09-06 15:30:00 (America/New_York time)
(Note: Data starts after requested start date 2025-08-31 12:06:30)

Devices and Parameters Analyzed

Device Name & Serial Number	Parameter Analyzed
DustTrak TSI 8530 1806 11 (28675288)	Mass Conc. Total (µg/m³) (Dust Concentration)
DustTrak TSI 8530 180412 (28675739)	Mass Conc. Total (µg/m³) (Dust Concentration)

Summary Statistics of 15-Minute Rolling Averages

Parameter	Count	Mean	Std Dev	Min	25%	Median
RollingAvg_28675288 (µg/m³)	206	18.43	12.10	3.40	7.82	17.67
RollingAvg_28675739 (µg/m³)	200	18.63	12.88	1.00	6.85	17.33

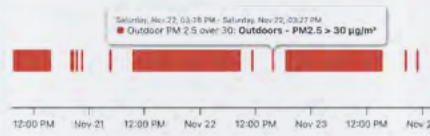
Exceedance of New York DER-10 Action Level Threshold (100 µg/m³)

• Threshold: 100 µg/m³ (15-minute rolling average)



Outdoor PM 2.5 over 30

Event Graph



Triggered 1:

Triggered 1:	Duration
Mon, Nov 24, 10:33 PM	2 minutes
Sun, Nov 23, 10:54 PM	1 minute

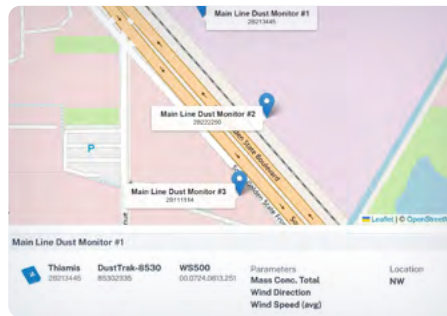
Generate Reports in Seconds

Quickly create custom reports, show trends, schedule automated reports, and surface insights for ambient air quality, weather, and environmental impact. Configure reports to meet standards such as WELL, OSHA, NAAQS, and EPA guidance, delivering clear results that support defensible decisions. Reports are generated from validated data streams with transparent calculations, supporting audit readiness and consistent reporting across teams and sites.

Scheduled Reports



Site Map & Devices



Impact Assessments



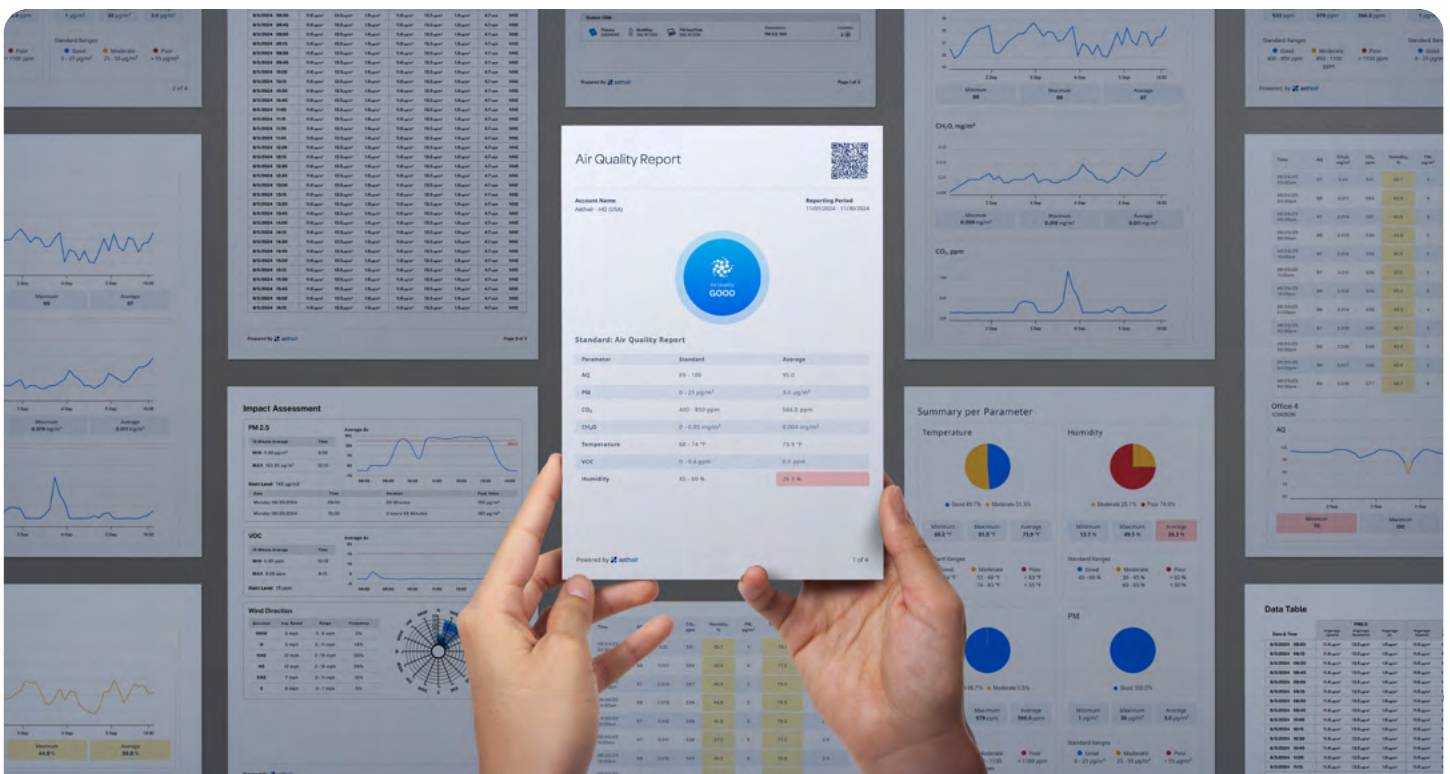
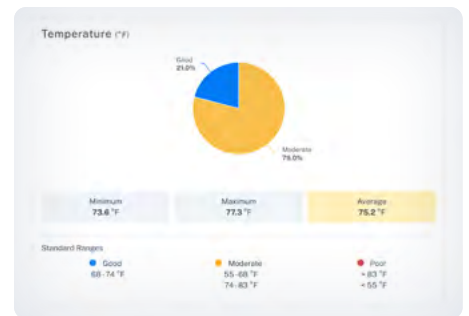
Historical Data Tables

Date & Time	Average Upwind	Average Downwind	Average Δc	Average Speed
05/19/2025 06:15	16 µg/m³	17 µg/m³	1 µg/m³	N/A
05/19/2025 06:30	23 µg/m³	16 µg/m³	-7 µg/m³	1.3 mph
05/19/2025 06:45	21 µg/m³	15 µg/m³	-6 µg/m³	1.9 mph
05/19/2025 07:00	21 µg/m³	15 µg/m³	-6 µg/m³	2.7 mph
05/19/2025 07:15	15 µg/m³	16 µg/m³	1 µg/m³	2.2 mph
05/19/2025 07:30	18 µg/m³	15 µg/m³	-3 µg/m³	1.8 mph
05/19/2025 07:45	17 µg/m³	16 µg/m³	-1 µg/m³	2.1 mph
05/19/2025 08:00	20 µg/m³	18 µg/m³	-2 µg/m³	2.4 mph
05/19/2025 08:15	18 µg/m³	18 µg/m³	0 µg/m³	2.3 mph
05/19/2025 08:30	28 µg/m³	18 µg/m³	-10 µg/m³	2.7 mph

Extended Data Analysis

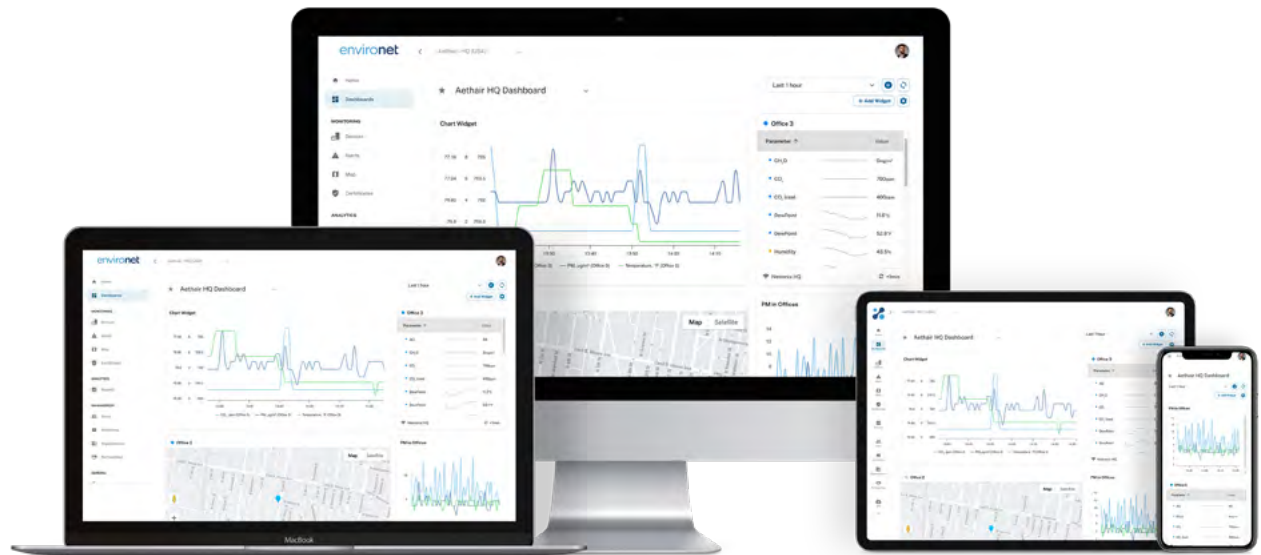


Parameter Summaries



Access on Any Device

Environet provides reliable access to environmental data across devices without sacrificing functionality or security. The platform is designed to support consistent use on mobile and desktop, enabling teams to review data, respond to alerts, and make decisions wherever work happens.



Environet Features

Environet provides access to its full set of platform capabilities across desktop and mobile devices. All tools remain consistent, ensuring no loss of functionality.



AI Intelligence

Leverage Noesis to assist with compliance, reporting, and data analysis. Save thousands of hours by streamlining workflows and gaining deeper insights from your data.



Real-Time Monitoring

Access live and historical data anytime, anywhere. Our monitoring and analysis tools keep you informed, enabling instant feedback and actionable insights.



Custom Reports

Generate and share tailored Reports for perimeter, indoor air, or cabin air monitoring. Eliminate manual data processing with clear, compliance-ready outputs.



Intelligent Alerts

Set up customizable alerts for both routine and complex air quality scenarios, ensuring you receive the right information in real time and never miss a critical event.



Device Configuration

Easily configure devices to match your monitoring requirements, including alert settings, connected devices (Thiamis), GPS options, and custom statistical parameters.



Customizable Dashboards

Build dashboards tailored to your needs, giving you a clear overview of your environment in seconds and the flexibility to focus on what matters most.



Open API

Integrate seamlessly with third-party devices and applications through open APIs, expanding functionality and keeping all your data in one place.



Sharing / Leasing

Grant controlled access to clients or partners so they can view or manage data with you, while you maintain full ownership of devices and information.

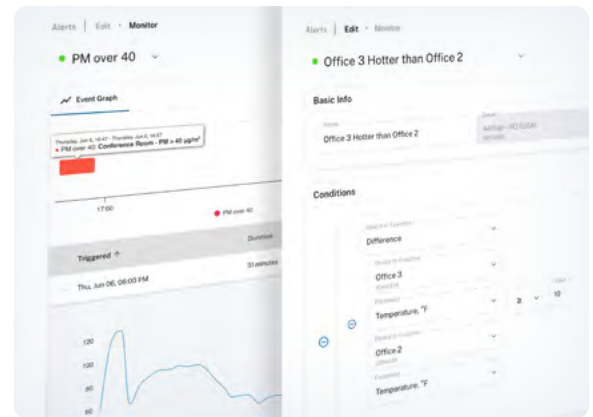
Designed for Accountability

Environet is built to support consistent, defensible environmental oversight. Data is captured, processed, and reported using secure, reliable methods that make results accurate, traceable, and ready for review. This enables teams to move from reactive response to accountable management with confidence in their decisions.

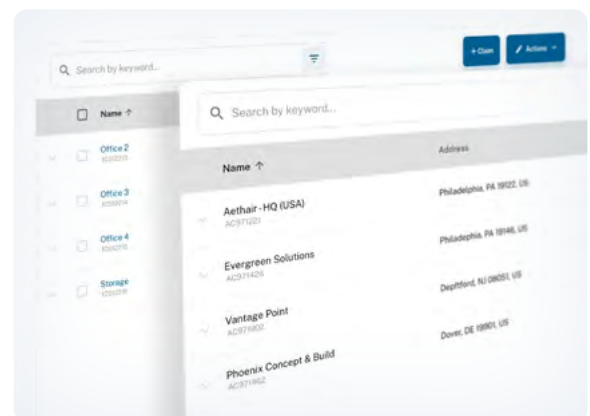
- Fewer emergency responses
- Active vs Reactive Management
- Predictable compliance outcomes
- Reduced regulatory and financial risk

Timestamp	CO ₂ , ppm	Humidity, %	Temperature, °F	CH ₄ , mg/m ³	PM ₁₀ , µg/m ³
12/16/2025, 5...	400	-0.3	81.5	0.08	3
12/16/2025, 5...	400	-0.2	81.5	0.081	2
12/16/2025, 5...	400	-0.3	81.5	0.081	2
12/16/2025, 5...	400	-0.4	81.5	0.081	4
12/16/2025, 5...	400	-0.3	81.5	0.081	2
12/16/2025, 5...	400	0.3	81.5	0.082	2
12/16/2025, 5...	400	-0.3	81.5	0.082	2
12/16/2025, 5...	400	-0.3	81.5	0.082	3
12/16/2025, 5...	400	-0.3	81.5	0.083	5

Historical Data Records



Custom Alerts



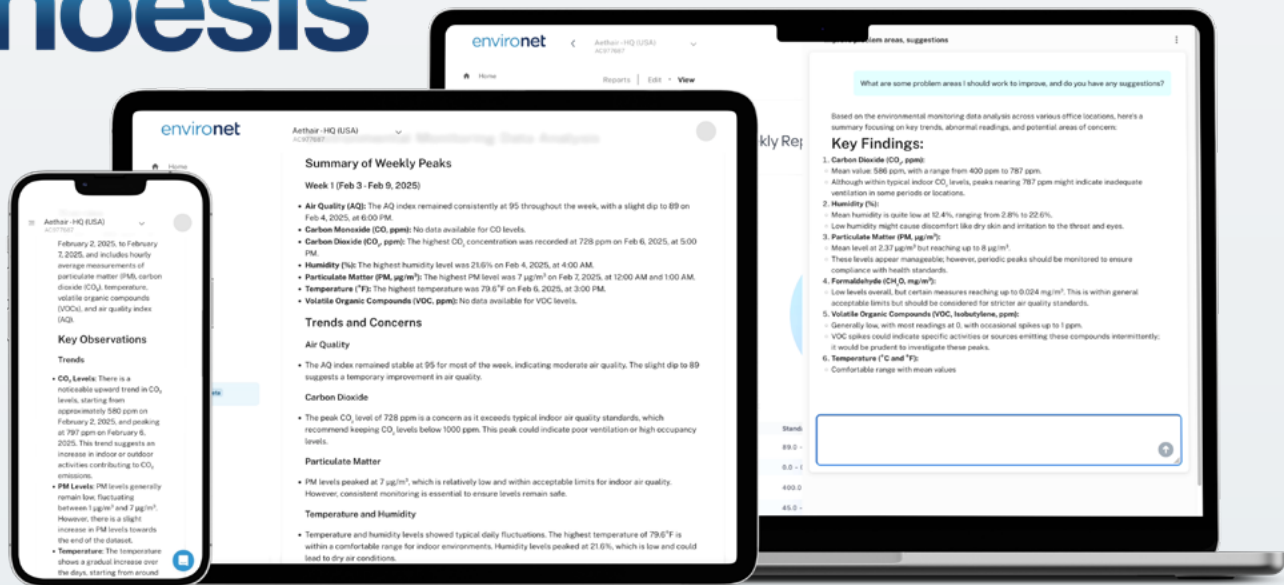
Device & Data Management

Noesis: AI that drives action

Environmental oversight should not require constant dashboard monitoring or manual review. Noesis reduces that workload by helping teams analyze, investigate, and summarize data across sites and use cases. The result is **faster, more consistent decisions that support compliance, risk management, and day-to-day operations.**

- › Ask natural-language questions
- › Investigate trends, anomalies, and risks
- › Generate report-ready summaries
- › Configure alerts without manual setup

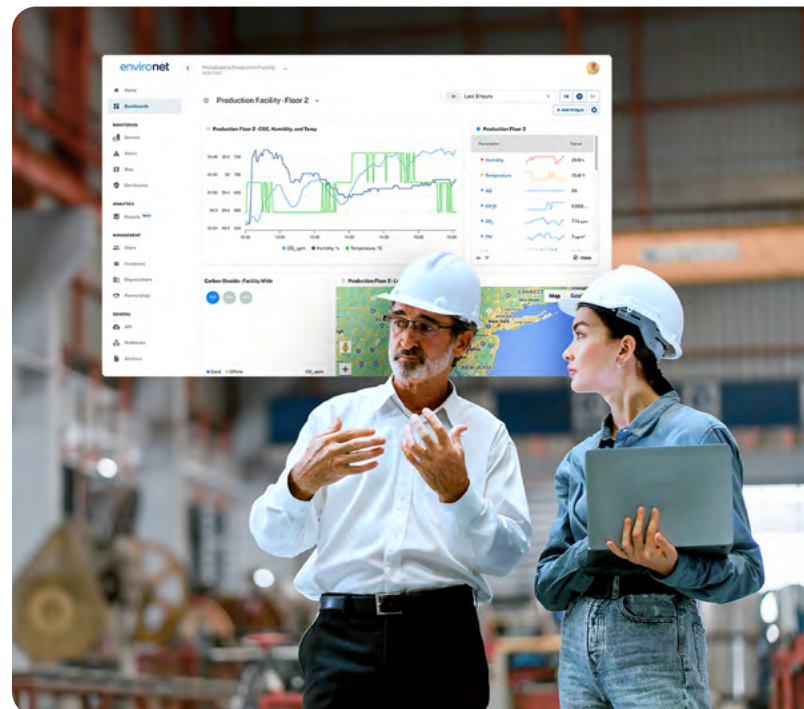
noesis



Transforming Environmental Data

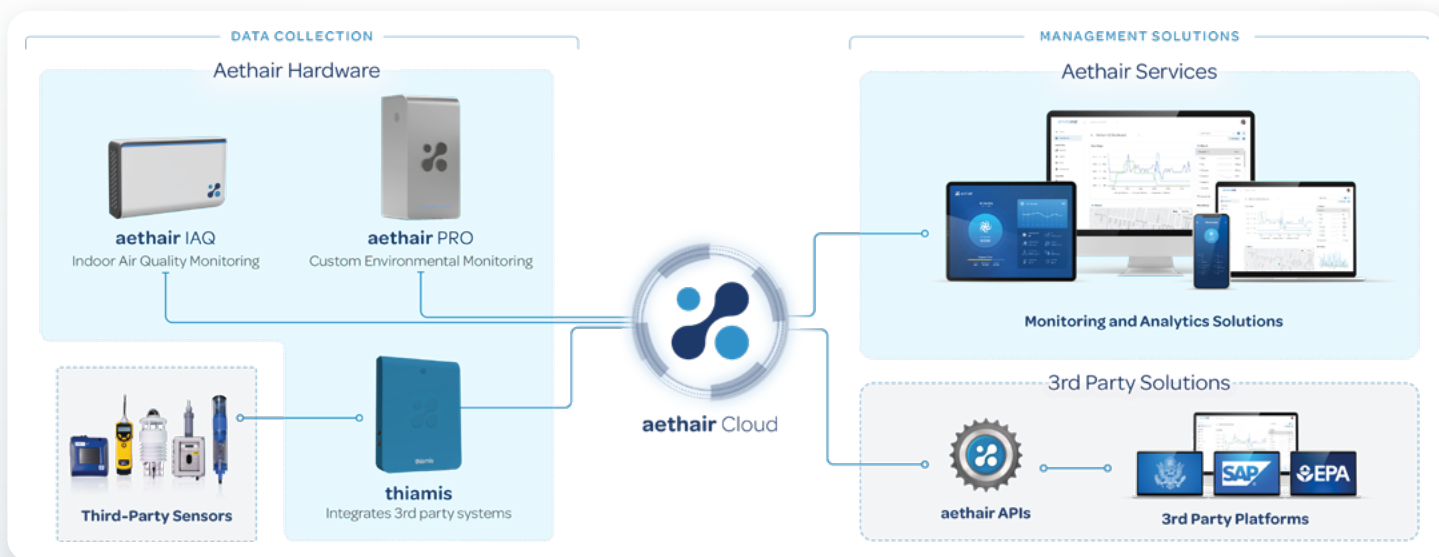
Our AI and reporting tools transform how users interact with their environmental data, providing new ways to analyze and document for compliance and operational reporting. Noesis and Aethair Reports provide users with the tools they need to act fast, and make data-based decisions.

- › Translate data into clear, consistent reports
- › Evaluate trends across sites and time periods
- › Produce defensible results for compliance reporting
- › Enable quicker analysis and timely responses.



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 Premier Environmental Data Platform

Trusted by industry leaders for over a decade, Environet brings together continuous monitoring, AI-driven analysis, and reporting in a single platform. It delivers consistent, defensible environmental insights at scale. Move beyond data collection to interpretation, reporting, and action, supported by reliable data and tools built for real-world operational and compliance needs.

Enterprise-Grade Data Security

End-to-end encryption and secure data handling protect data from field devices through cloud analytics and user access.

Real-time Data Access at Scale

Access real-time data and analytics remotely, from anywhere in the world. Aethair devices utilize 4G cellular communications, enabling timely oversight and decision-making across locations.

One Integrated Platform

Environet operates within the Aethair ecosystem, supporting first- and third-party sensors in a single, extensible environment.





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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