

Revolutionizing Real-Time Environmental Data Monitoring

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One Topic in Particular?**

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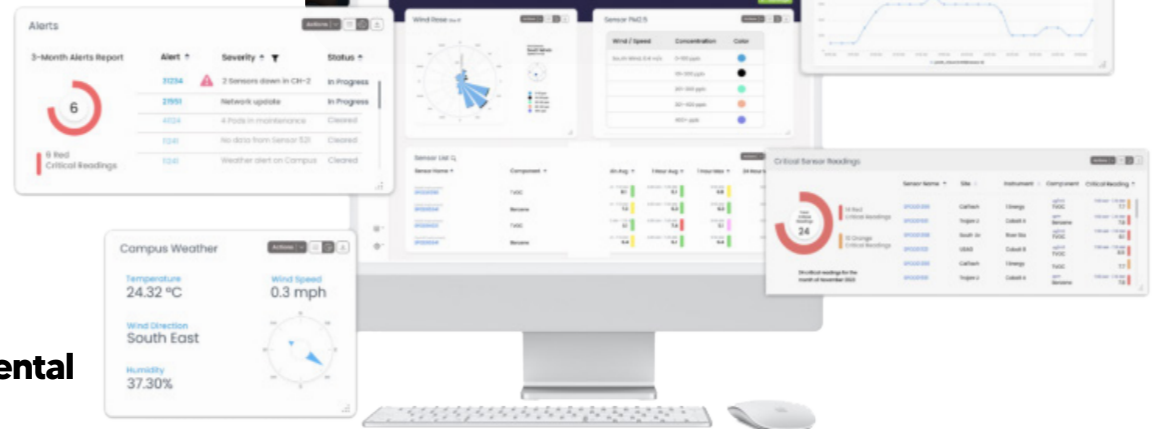
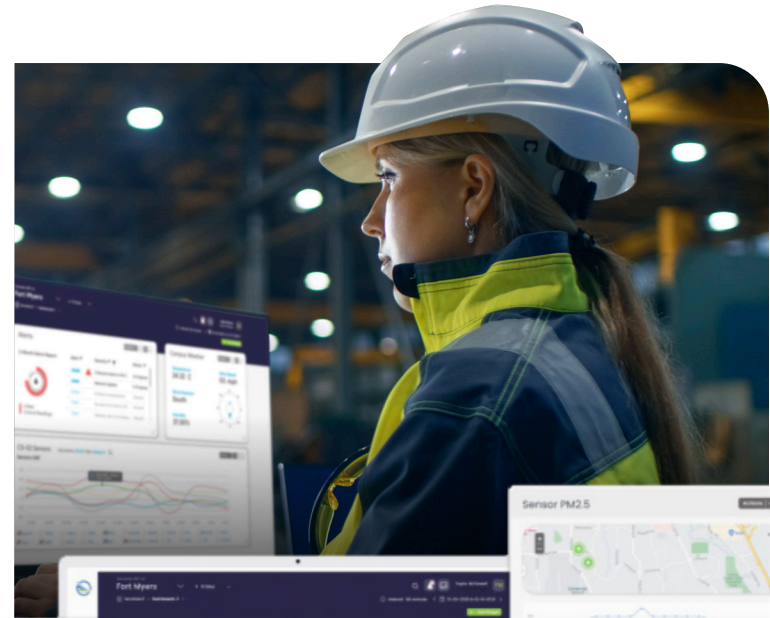
The Sensible Way To Monitor All of Your Environmental Data

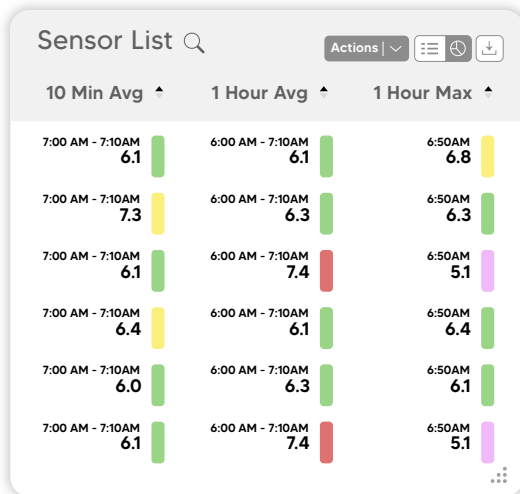
Meet your organization's real time monitoring needs today and into the future by harnessing the power of the Sensible Environmental Data Platform (EDP).

By offering seamless integration with air, water, and soil sensors, along with advanced real time analysis, this cutting-edge platform empowers your organization to effortlessly monitor environmental data across a swath of locations (indoor, outdoor, mobile, etc.).

Using Sensible EDP's intuitive dashboards and single interface for various types of emissions, companies and communities can efficiently track air quality, noise levels, wind direction, temperature, etc. across a variety of pollutants, enabling informed data-based decisions.

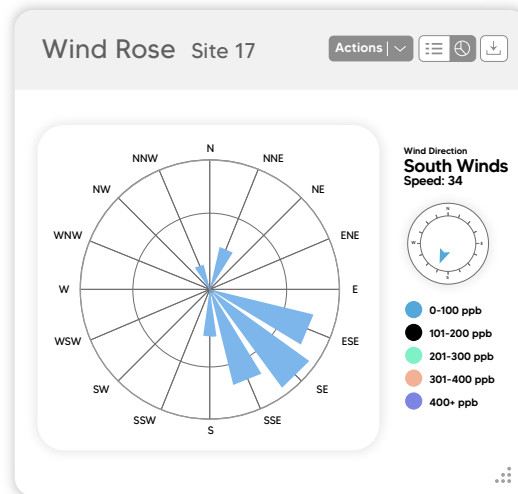
Join us in embracing the future of environmental data management and monitoring.





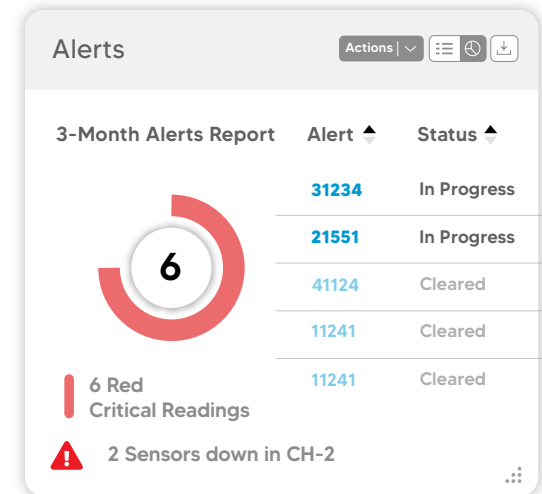
Data Acquisition

Sensible EDP collects data from any number of sources in real-time, including hardware from 3rd party manufacturers.



Real-Time Dashboards

Access predictive analytics, anomaly detection, and 24/7 centralized data storage across desktop, tablet and mobile devices.



Timely Alerts & Compliance Reports

Simplify generating compliance reports and receive custom alerts via email, phone, text, or API.

What are the Benefits of Using Sensible EDP?

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Ease of Use

Quick installation, intuitive user interface, and easy adjustment of settings for enhanced safety and productivity.



Environmental Compliance

Ensures your business or community is meeting all state, local, and federal regulations and guidelines pertaining to air, water, and soil monitoring – bettering air quality throughout the world.



End-to-End Support

Dedicated assistance from experienced environmental professionals throughout every implementation stage, from planning to operations and maintenance (O&M).



In-Facility

Sensible EDP's In-Facility Monitoring is designed to give organizations the necessary tools to detect and respond to in-facility leaks through a Leak Detection Sensor Network (LDSN). The LDSN system automatically detects and approximates the location of the emission source in the monitored process unit based on the VOC concentration, wind speed, and wind direction. The LDSN then notifies the leak detection and repair (LDAR) team of the detected emissions, who will then take appropriate action under the Detection Response Framework (DRF). Identifying and repairing leaks at a facility in real-time can make significant improvements to overall process safety, while reducing employee exposure and the risk of fire and explosion.



Fenceline

Meet EPA, state and local regulatory requirements while protecting nearby communities with Sensible EDP's real-time Fenceline Monitoring Services. Leveraging Montrose Environmental Group's established expertise, Sensible EDP offers comprehensive solutions for air monitoring, incorporating diverse sensor and hardware options to detect and monitor regulated air pollutants such as, benzene, total VOC, methane, ethylene oxide and others based on the customer's application and requirements. Our fenceline solutions integrate various advanced techniques, including extractive point source monitors, passive tube and canister sampling, gas chromatography (FID, PID, TCD), and open path systems (UV-DOAS, TDL, FTIR) to ensure accurate and reliable results to precisely monitor your fenceline.



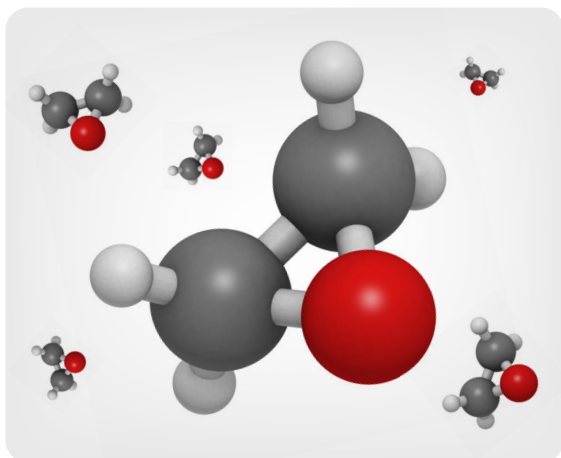
Community

Sensible EDP is our revolutionary environmental data platform, built to empower communities in their quest for cleaner, healthier environments. With Sensible EDP, communities can effectively monitor their air, water, and soil quality, raising awareness and driving action towards a sustainable future. Through intuitive data visualization and public websites, Sensible EDP provides communities with precise, accurate, and reliable environmental information, tailored to their specific needs and context.



Mobile

Our Proton Transfer Reaction Time-of-Flight Mass Spectrometer (PTR-TOF-MS) mobile laboratory is an advanced, on-the-go solution - revolutionizing the real-time detection of organic and inorganic compounds at ultra-low levels, providing precise insights on-site.



Ethylene Oxide

Montrose Environmental Group and Thermo Fisher Scientific have collaborated to provide an all-encompassing solution for organizations facing challenges in EtO emissions monitoring, testing, and regulatory compliance. By integrating Montrose's extensive project services expertise and Sensible EDP, with Thermo Fisher's cutting-edge StarBoost™ Optically Enhanced MAX-iAQ™ OE-FTIR Gas Analyzer, clients gain access to a powerful combination that streamlines their efforts to meet stringent regulations and maintain safe operations.

MAX-iAQ™ OE-FTIR Continuous Monitoring System

The MAX-iAQ™ is a fully automated 20-channel ambient air monitoring solution for low-level detection of EtO, even in high humidity environments. It can quantify EtO to a detection limit of 1 ppb using advanced StarBoost™ technology while maintaining short cycle times. It is also designed to operate as a continuous monitor with little-to-no user interaction.



MAX-iAQ™ OE-FTIR



MAX-EMS-10™ OE-FTIR

MAX-EMS-10™ OE-FTIR Continuous Monitoring System

The EMS-10™ Continuous Emissions Monitoring System (CEMS) is a fully automated 4-channel stack emission monitoring system designed specifically for hot wet samples. The EMS-10 system can quantify ethylene oxide down to a detection limit of compounds down to a detection limit of 1 ppb while maintaining short cycle times, using advanced OE-FTIR spectral analysis and Thermo Scientific™ StarBoost™ Technology. This makes the EMS-10 an ideal alternative to traditional gas chromatograph-based systems that are typically slower, less sensitive and more costly to maintain.



Methane

The Montrose methane monitoring solution utilizes real-time sensors to find, track, and repair methane emissions 24 hours per day, seven days per week. Your organization will get visual notifications that identify leaks in-facility or on the fenceline, from a variety of methane collecting sensor types. Eighty percent (80%) of methane emissions are caused by a small number of very large leak events, often due to equipment malfunctions. Sensible EDP automatically and continuously monitors high-risk sites to identify leaks as they appear. The solution equips multiple industries with the ability to improve operations and meet EPA Regulations, and ESG and methane intensity goals by mitigating leaks. It also documents the absence of leaks to assure ESG investors, regulators, and the public.

Our Sensible EDP Partners

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Ayyeka Inc
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Sensirion Sensors
<https://www.sensirion-connected.com/>



SENSIT
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Sensors Inc
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