

Featured Technologies

We are also committed to transforming the management and monitoring of environmental data even further with our continuous emissions monitoring capabilities. With our advanced solutions, we seamlessly integrate data from all your environmental sensors, empowering you with real-time insights for informed decision-making.

Our cutting-edge continuous emissions monitoring technology is designed to be adaptable to any sensor or hardware, safeguarding your investment in an ever-evolving technological landscape.



Sensible EDP

Sensible EDP is a state-of-the-art real-time Environmental Data Platform. By seamlessly integrating with air, water, and soil sensors, this platform empowers companies to identify fugitive emissions and operational anomalies, as well as implement real-time alerting in order to mitigate methane leaks. Leveraging advanced algorithms and predictive analytics, this technology detects anomalies, enabling organizations to proactively and effortlessly monitor and analyze environmental data within a single interface.



Kuva Daylight Cameras

The Kuva Daylight camera is a fully integrated design (camera, pan stage, cellular, solar powered) that allows for the quick installation and continuous monitoring of methane and VOCs during daylight hours. The system operates on non-thermal shortwave infrared (SWIR) technology for false positive minimization. The camera has the ability to select up to six 45° field-of-view segments out of the full 360° panning potential. The scanning infrared imaging system automatically detects and measures emissions and provides operators with an annotated and animated video clip of the leak.



The SENSIT® SPOD

The SENSIT® SPOD is a solar-powered sensor system for detecting fugitive emissions at industrial sites. It combines wind and air pollutant concentration measurements to locate VOC emission plumes in real-time, enhancing facility, fence line, and community monitoring. The SPOD provides a budget-friendly solution for triggering the collection of discrete air samples for laboratory analysis for the speciation of a wide range of compounds.



Unleashing Innovation:
The Ultimate Technologies for Methane Mitigation with Montrose Environmental



Want more information, visit us at montrose-env.com



Revolutionary Solutions for Effective Methane Mitigation

The need to comply with current and pending environmental regulations and mitigate methane emissions has never been higher. Montrose supports clients by identifying, quantifying, and managing emissions data by deploying trained and experienced personnel, utilizing the latest methane monitoring technologies.

At Montrose Environmental, our team of skilled professionals leverage regulatory-accepted technologies and tools to deliver clients accurate compliance and environmental, social, and governance (ESG) methane emissions data.

With the aid of these groundbreaking solutions, industries can actively monitor, detect, and rectify methane leaks - while ensuring adherence to vital regulations such as OOOOa/b and Subpart W GHGR (greenhouse gas reporting). This proactive approach not only enhances environmental compliance, but also promotes sustainability and efficiency.

Montrose Environmental is your dedicated partner in conquering even the most formidable challenges in methane mitigation. Begin your journey towards effective solutions today.



Our team of skilled professionals leverages cutting-edge technologies and tools to deliver accurate compliance and ESG methane emissions data to our valued clients.

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Our suite of software systems provides an effective data management solution for the substantial challenges faced in managing and tracking recorded monitoring data. With over a decade of experience deploying Optical Gas Imaging (OGI) in real-world situations, Montrose is a pioneer in the field. We understand the value and application of this technology, offering industry-leading and user-friendly management software.

As a global leader in LDAR solutions, Montrose utilizes advanced OGI technology to detect hydrocarbon gas leaks and vents. OGI, serving as a complement or replacement for Method 21, enhances the speed, ease, and efficiency of detecting larger leaks that account for the majority of harmful emissions.



LDAR Compliance Data Management Platform TARGET ONLINE™

TARGET ONLINE™ is an LDAR (leak detection and repair) Compliance Data Management Platform, that provides clients with actionable regulatory leak data. TARGET ONLINE™ helps industries reduce harmful emissions by tracking methane leaks and their repair status. This advanced technology streamlines compliance reporting processes, enhances data visibility, and provides comprehensive reporting capabilities for accurate assessment of emission performance.



Opgal Optronics OGI VOC Detection Cameras

The Opgal Optronics OGI VOC (Volatile Organic Compounds) Detection Cameras are an advanced solution for methane leak detection. These cameras utilize specific infrared technology to effectively visualize and pinpoint methane emissions, even in challenging environments. By swiftly identifying leak sources, companies can promptly and cost-effectively address and repair them, thereby minimizing their environmental impact. Cooled OGI VOC detection cameras are particularly suited for refiners, mid and upstream oil companies, and natural gas operators. OGI cameras and experienced camera operators deliver reliable real-time VOC leak and emissions detection.



Sensors Inc., HI-FLOW 2™

Sensors Inc. HI-FLOW 2™ sampler uses cutting-edge TDLAS technology to quantify methane. The game-changing HI-FLOW 2™ replaces and improves upon legacy Bachrach systems by more accurately measuring methane emissions. It serves both regulatory compliance (GHGR) and non-regulatory ESG-driven projects, like abandoned wells, generating defensible OGMP scope-level data sets.