

# Fenceline Monitoring Solution

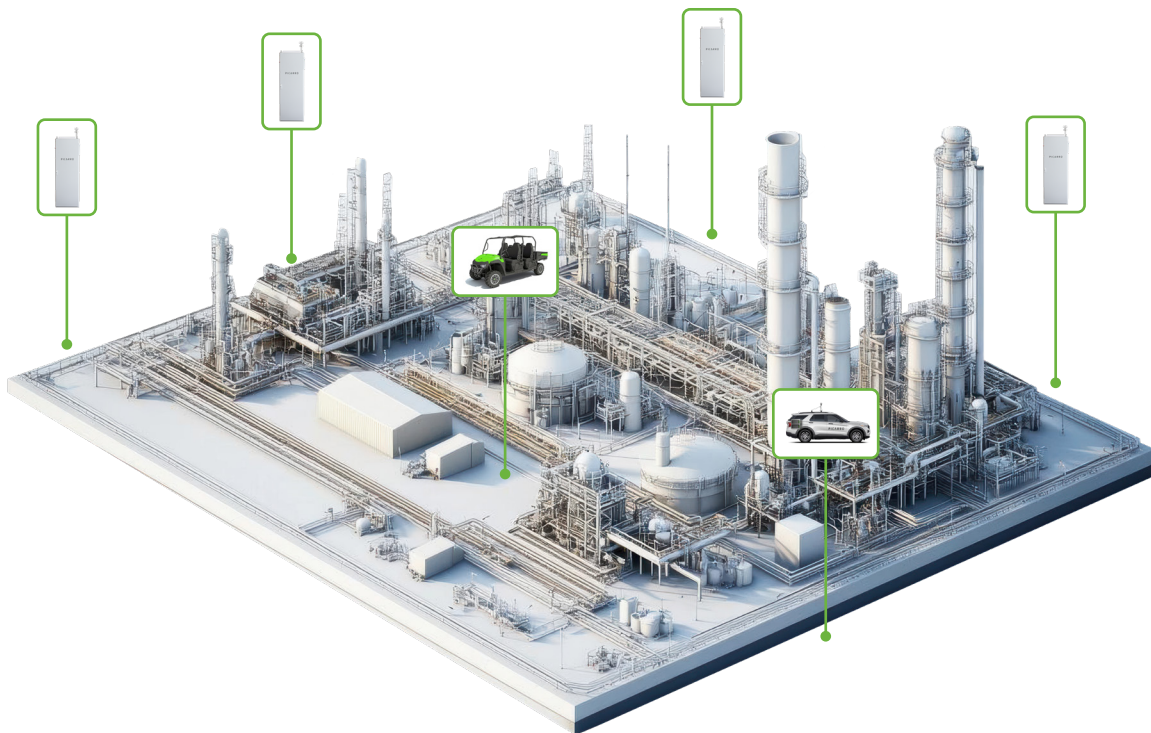
## Enhancing Compliance and Safety

The Hazardous Organic NESHAP (HON) Rule mandates stringent fenceline monitoring requirements for hazardous air pollutants (HAPs). Traditionally, passive methods such as EPA Methods 325A/B and 327 have been used to detect emissions. However, recent advancements in real-time monitoring technology provide facilities with a superior alternative that not only meets compliance but also offers significant operational advantages.

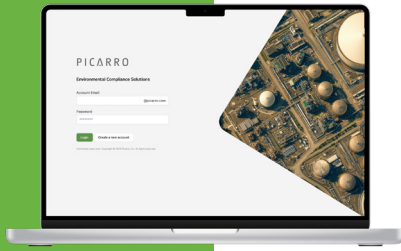
Picarro's comprehensive Fenceline Monitoring Solution integrates advanced hardware, software, and data analytics to provide industrial sites with automated fenceline monitoring, leak detection, and compliance reporting along with EPA alternative approval pathways.

## The Real-Time Network

**Stationary systems** distributed along the fenceline monitor the concentrations of multiple volatile organic compounds (VOC) in real-time. Each monitoring station is equipped with a high-frequency, high-resolution sonic anemometer capable of measuring wind direction with one-degree precision. Combined with high-frequency concentration measurements, the network accurately identifies the origin of elevated concentrations. Data filtering is employed to exclude offsite emissions from formal exceedance reporting, ensuring compliance with regulatory standards.



**Fleet Vehicle(s)** outfitted with Picarro's real-time VOC detection technology drive the entire facility as part of pro-active leak surveys, or in response to Root Cause Analyses (RCA) and Corrective Actions (CA). An intuitive software interface organizes all concentration and asset data, reducing the response time to exceedance events from weeks to hours.



## Trusted Data – At Your Fingertips

- Access to Picarro’s portal for Environmental Compliance Solutions (Workplace Safety, CEMS, Fenceline, Mobile Leak Detection, and more)
- Track emissions in real-time at one or multiple facilities using active and historic dashboards
- All compliance needs and activities in one central location (Calendars, Reporting, QA/QC, Root Cause Analyses (RCAs), Corrective Actions)

## Real-Time Monitoring: A Next-Generation Solution



### Continuous Data Collection for Immediate Response

Unlike passive methods that rely on periodic sampling, real-time sensors provide continuous, high-resolution data, enabling rapid detection of emission events. This ensures timely corrective action, minimizing potential regulatory violations.



### Higher Sensitivity & Actionable Insights

Real-time monitoring systems can detect emissions at levels comparable to or better than passive canisters. This aligns with the HON Rule’s flexibility provisions, allowing facilities to use alternative monitoring methods if they meet the required detection limits. Picarro is actively working with HON facilities pursuing this alternative.



### Cost-Effective Compliance

By identifying leaks and emission sources in real time, facilities can proactively address issues before they escalate, reducing the need for expensive remediation efforts and potential fines associated with non-compliance.



### Streamlined Reporting & Data Integration

Our solution offers automated data collection, reporting, and integration with existing regulatory platforms, simplifying compliance with quarterly reporting requirements.

Contact us today to schedule a pilot and experience the future of air monitoring in action!

**PICARRO**

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