

Close-proximity methane monitoring with Nubo Sentry

**Intrinsically safe. Reliable.
Cost-efficient.**



Maximize deployment coverage and performance

Install in hazardous environments to monitor where other solutions fall short.

Pinpoint emissions with confidence

Enhanced detection accuracy and targeted responses preventing product loss and safety incidents.

Boost on-site safety

Complement traditional LEL sensors with lower detection limits for early warnings, even indoors.

Cut mitigation costs

Simplify root cause analysis of methane events to achieve operational excellence and reduce environmental impact.

SENSIRION
connected solutions

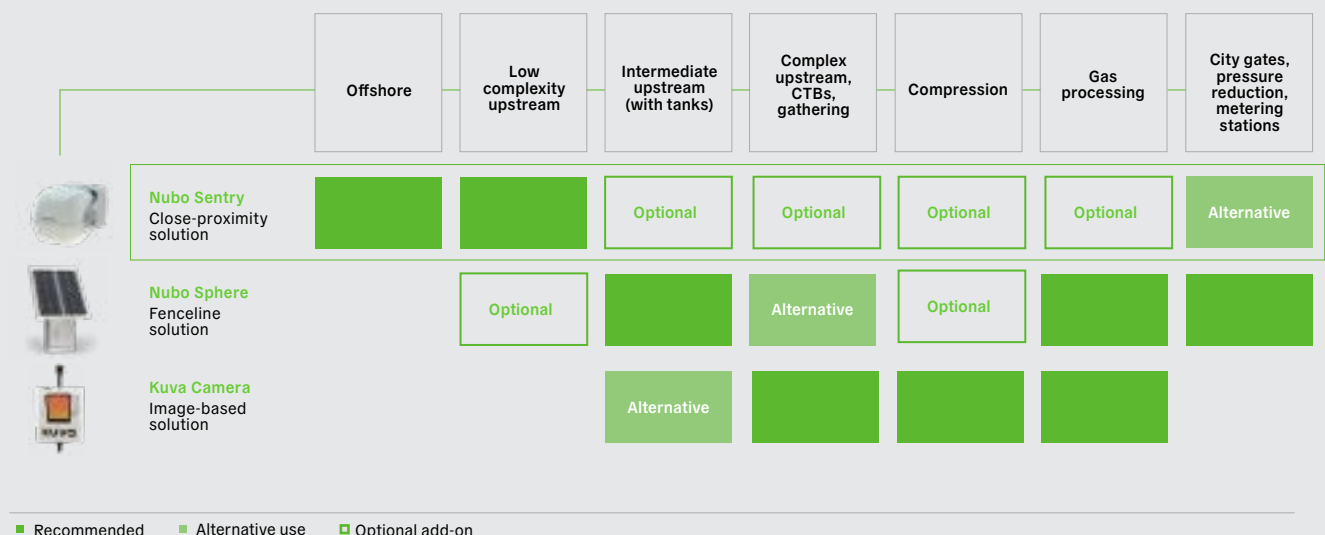
We've got you covered!

Maximum deployment flexibility in hazardous areas

From offshore rigs to marginal wells, from outdoor priority area monitoring to confined indoor spaces, Nubo Sentry adapts to any environment—so you can respond with confidence where other solutions fall short.

- Tough environments demand robust solutions: installed as a strategic sensor network on offshore platforms to monitor even small emissions continuously for the first time
- Deploy Nubo Sentry on marginal or low-flow wells enabling affordable and continuous remote monitoring
- Early warning where safety matters the most: use Nubo Sentry for indoor monitoring of small downstream cabinets to large compressor housings
- Add Nubo Sentry to Nubo Sphere or the Kuva camera for maximum coverage and performance on complex sites to cover specific emission sources of interest such as tanks or compressors

Standalone or strategically combined deployments with Sensirion's fenceline or camera solutions along the oil and gas value chain



Key features at a glance:

- **Intrinsically safe:** pending certification for hazardous areas (MET C/US Class I Div. 1, ATEX/IECEX Zone 0)
- **Exceptional sensitivity:** detection limit < 10 ppm—5x lower than typical alternatives
- **Precision sensing:** highly selective to methane using low-power photoacoustic spectroscopy
- **Maintenance-free:** 5 years of battery life at 20-second measurement intervals
- **LoRaWAN communication** allows reliable, wide-range communication while keeping data secure
- **Easy deployment:** wireless solution for cost reduction—no wiring, no hassle
- **Rugged design:** IP65, IP67 and NEMA 4X rated
- **Extreme resilience:** operates from -40°C to 65°C and up to 100% humidity



Let's make methane monitoring smarter together!

Ready to see what precise, scalable and cost-efficient methane monitoring looks like? Contact us today to build your emissions strategy with Sensirion's continuous monitoring solutions to achieve operational excellence and regulatory compliance!