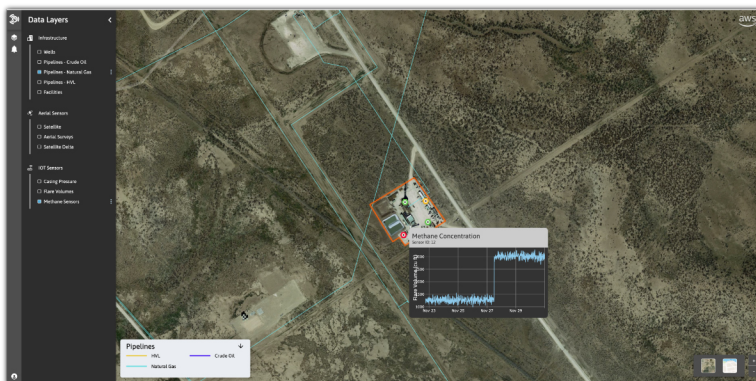# GEOSITE

ASCEND: ENHANCED EMISSIONS MONITORING

Ascend, powered by Amazon Web Services, is a cloud-based software application that enables energy companies to identify and mitigate methane emissions at a lower cost than ever before.

For years, methane emissions have challenged the industry causing equipment failure, jeopardizing safety, and resulting in product loss. Ascend fuses spatial data from disparate sources (such as aerial and drone imagery, IoT devices, and satellites) alongside operational data into a single, easy-to-use environment.

Ascend's Features:

- *Innovative Data Fusion:* Ascend supports the integration of internal SCADA data, third party IoT sensors, aerial /satellite imagery, and operational data all in one location. Together, these resources make emissions reduction manageable and actionable.

- *Alerts & Monitoring:* Ascend provides real time alerts and response tools to enable exception based monitoring.

- *Regulatory Compliance:* Ascend enables energy companies to easily and affordably comply with existing and forthcoming EPA methane emissions regulations, which emphasize the adoption of novel technologies that can more rapidly identify leaks.

Key Partnerships

Working with AWS, allows Geosite to provide clients with the best emissions data available by leveraging AWS' marketplace of independent vendor partners like Qube and PrecisionHawk.

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