



HEADQUARTERS

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ABOUT OUR COMPANY

DG is a worldwide provider of professional technical services and project management.

Our success stems from our comprehensive approach, managing every aspect of a project with a full-service strategy.

By offering customized solutions, we cater to the unique needs of various industries, including the complex fields of :

- Oil & Gas
- Environmental & Water Treatment
- Renewable Energy

This versatility highlights our dedication to addressing the challenges of each sector.



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DeepSense

Pipeline Inspection Service



DG Engineering
Management
Contracting



DATA-DRIVEN CLEANING SOLUTIONS

Avoid Over-Pigging: Save Time and Costs

Pipeline maintenance based on a pre-defined number of pigging operations can lead to unnecessary costs. DeepSense collects real-time data to monitor cleaning progress and halts pigging once the pipeline is clean, saving time and money.

Avoid Under-Pigging: Ensure Thorough Cleaning

Pigging with an unsuitable pig type fails to effectively clean the pipeline, even if no sludge is pushed out of the pipe. DeepSense helps identify hidden deposits, optimize pigging strategy, and ensure pipeline operational efficiency.

REAL WORLD SUCCESS STORIES

46% reduction in pig runs

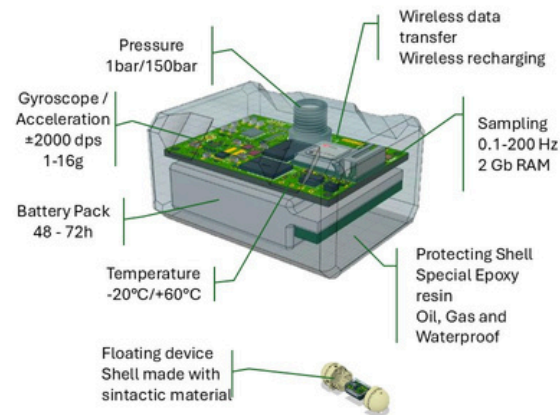
Planned pigging operations were set at 37 runs, but DeepSense revealed that the pipeline was already clean after just 20 runs.

66% reduction in pigging frequency

Weekly pigging was the initial plan, but DeepSense showed that pigging every 3 weeks with a different pig type ensures effective cleaning, unlike the old weekly method.

DEEPSENSE OVERVIEW

DeepSense is an innovative data collection service for monitoring the internal state of pipelines. It shall be deployed directly into the conduct, bonded to cleaning or inspection pigs.



Innovative and Miniaturized Technology

Developed, patented and field-validated, this technology enables efficient data collection.

Cloud Platform

Offers real-time data sharing, allowing for feedback to clients within a few hours

- Web based
- Cloud assisted
- Open architecture

WHY CHOOSE DEEPSENSE

A field proven technology

3500 Overall pipeline km inspected
170 Missions carried out worldwide
1000 Field tests hours



Deepsense benefits at a glance

- Immediate **feedback** about the **efficiency** of a simple **cleaning PIG** allowing the optimization of the maintenance operations promptly
- helps **prioritize** which pipeline sections to **inspect more closely**
- allows **cost-effective targeted inspections** rather than full-scale checks.
- can be easily applied in all the piggable pipelines with **negligible impact on the operations**
- data are shown is a **high-resolution or vector map** : the map shows more precise and specific details for the zoomed-in area