

# AI in Oil and Gas Fueling Data-Driven Optimization

Realizing new levels of safety, efficiency  
and reliability in a dynamic industry



From the unknowns inherent in exploration to the constant fluctuations of the energy market, the oil and gas industry stands to gain immensely from tools that can further minimize risk and optimize processes. The analytical and predictive power of AI can drive more confident decision making, improve safety and give you a competitive edge.

## Trends

Machine learning (ML) and predictive analytics are already in use across large parts of the energy sector, yet their capabilities continue to grow. Newer AI use cases are geared toward accelerating research and integrating these powerful tools into daily workflows.

## Addresses These Trends

The Interscope AI™ platform from Bridgera helps offset the uncertainties intrinsic to the oil and gas industry. With advanced analytics, real-time operational awareness and intuitive visualization, Interscope AI™ delivers data-driven insights across exploration, production and infrastructure environments. Built on deep experience integrating complex field operations with enterprise systems, the platform unifies assets, operational data and predictive intelligence to optimize workflows and enable more confident, risk-aware decision-making.



## Other Use Cases for Interscope AI

- **Predictive maintenance:** Identify aging equipment before it causes downtime.
- **Compliance and safety:** Stay ahead of best practices and minimize your environmental footprint.
- **Exploration accuracy:** Parse large pools of geological data for precision in extraction.
- **Accelerated research:** Increase your competitive advantage by analyzing the most up-to-date science.

## Outcomes

Bridgera's Interscope AI™ transformed their operations with predictive analytics, clear data visualization and a scalable platform for future growth.

## Implementation Roadmap



**1. Assess** your sources, infrastructure and workforce to determine assets and needs.



**2. Roll out** a pilot PoV project that showcases the efficacy of Interscope AI™.



**3. Assimilate** existing AI systems into a custom enterprise-wide AI solution.



**4. Experience** optimized workflows, clearer visibility and measurable ROI.



### Move AI Into Production.

Bridgera works with enterprises to turn AI initiatives into production-ready systems, combining deep technical talent with practical, execution-first delivery. To discuss how this approach can apply to your organization, visit us at: [www.bridgera.com](http://www.bridgera.com), or email: [info@bridgera.com](mailto:info@bridgera.com)