



# The digital oilfield of the future

## SOLUTIONS FOR THE MODERN OIL & GAS COMPANY

Oil and gas companies of all sizes are partnering with AWS to run business and technical workflows in upstream, midstream, and downstream. Old workflows are running faster, manual tasks are automated, and work is done collaboratively, allowing companies to reduce costs, find more oil faster, and make better decisions.

But AWS is also helping oil and gas companies completely transform the industry. Imagine a future with drone-enabled corrosion detection, eliminating appraisal wells through the use of Machine Learning, AR/VR to enable remote training for production operators, computer vision to improve safety outcomes, and frictionless purchasing at every convenience store and pump.

## Benefits

### FIND OIL FASTER

Use machine learning and big data to extract deeper insights. Automate manual tasks and improve the speed and accuracy of decision making.

### RECOVER MORE OIL

From the oilfield to the gas station, AWS makes it easy to connect more sensors so you have more control over data and equipment to prevent downtime and improve efficiencies.

### REDUCE THE COST PER BARREL

The AWS global footprint, with its efficiencies from automation and economies of scale, passes on savings to you, while reducing management overhead.

### REDUCE RISK AND ENSURE COMPLIANCE

AWS supports a broad and complete set of security and compliance programs including NIST and ISO, which help protect business-critical data, and meet compliance and data residency requirements.

# 20%

20%+ reduction in workover frequency\*

*\*Leading Unconventional Gas Operator – C3IoT Case Study*

# 2x

Improved reservoir potential\*

*\*TNO P11 – Olympus Challenge – Coventry university*

# \$52M

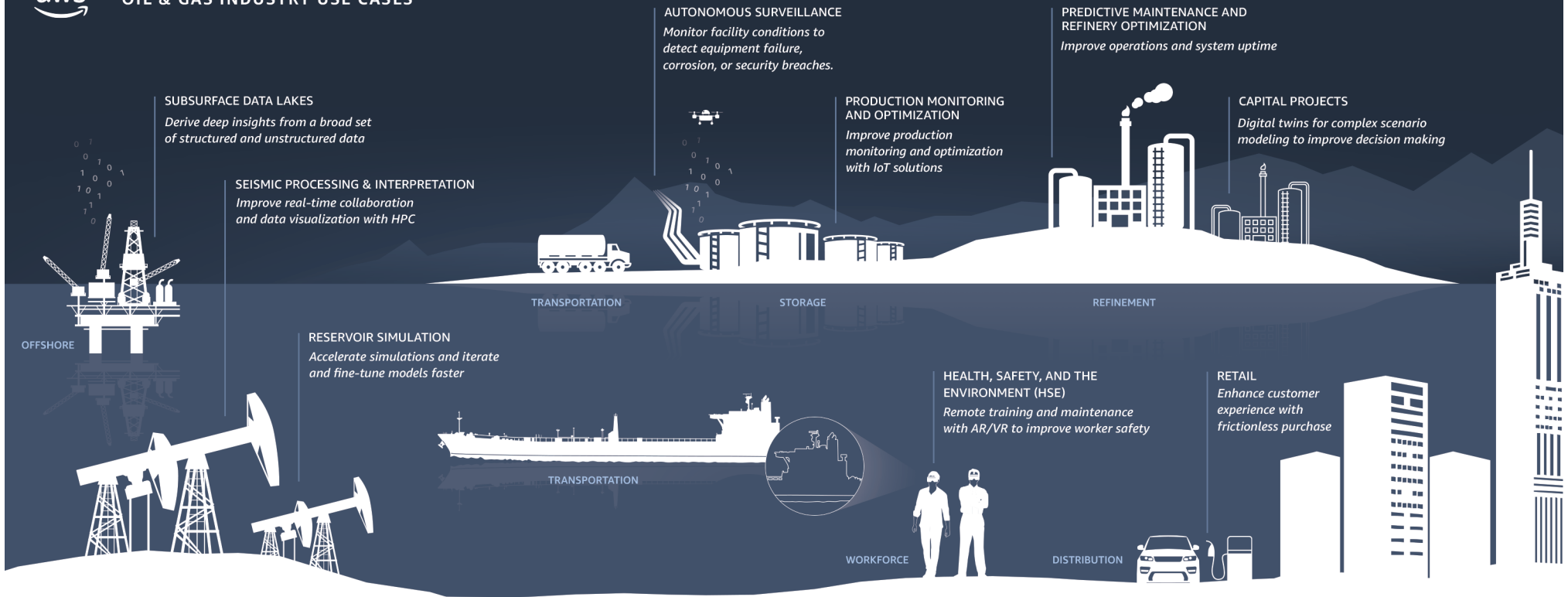
\$52M+ in annual economic value with predictive maintenance.\*

*\*C3IoT Case Study: Large Independent Oil Produce Leverages Advanced Analytics Platform to Predict Failure of Oilfield Equipment*





## OIL & GAS INDUSTRY USE CASES



## Accelerate your journey

AWS has a comprehensive oil and gas partner network with the domain expertise to help you innovate and transform faster. To see a complete list and learn more about other partners, visit the AWS Partner Website: [aws.amazon.com/partners](https://aws.amazon.com/partners)

## Companies leading innovation with AWS



Increased performance of its lubricants ERP system with 40% faster response times.



Implemented predictive maintenance, scaling 200K sensors with a flick of a switch.



Enhanced security and created a foundation for future application migrations.



Enhanced cybersecurity by integrating its SIEM with advanced analytics.

A number of companies in the oil and gas industry are already using AWS. Contact our experts and start your own AWS Cloud journey today: [aws.amazon.com/oil-and-gas](https://aws.amazon.com/oil-and-gas)