NVIDIA.

AI: FUELING NEW EFFICIENCIES IN OIL AND GAS

EXPLODING DATA. UNLIMITED OPPORTUNITY.

Oil and gas companies collect huge amounts of data, and much of it is untapped. Recent market conditions have forced energy companies to find new efficiencies, including turning this data into valuable insight.



1.2 GB 6 GB .3 GB 1.5 TB 10 TB

Ultrasound data per plant/day

Process data per plant/day Drilling operations data in per day

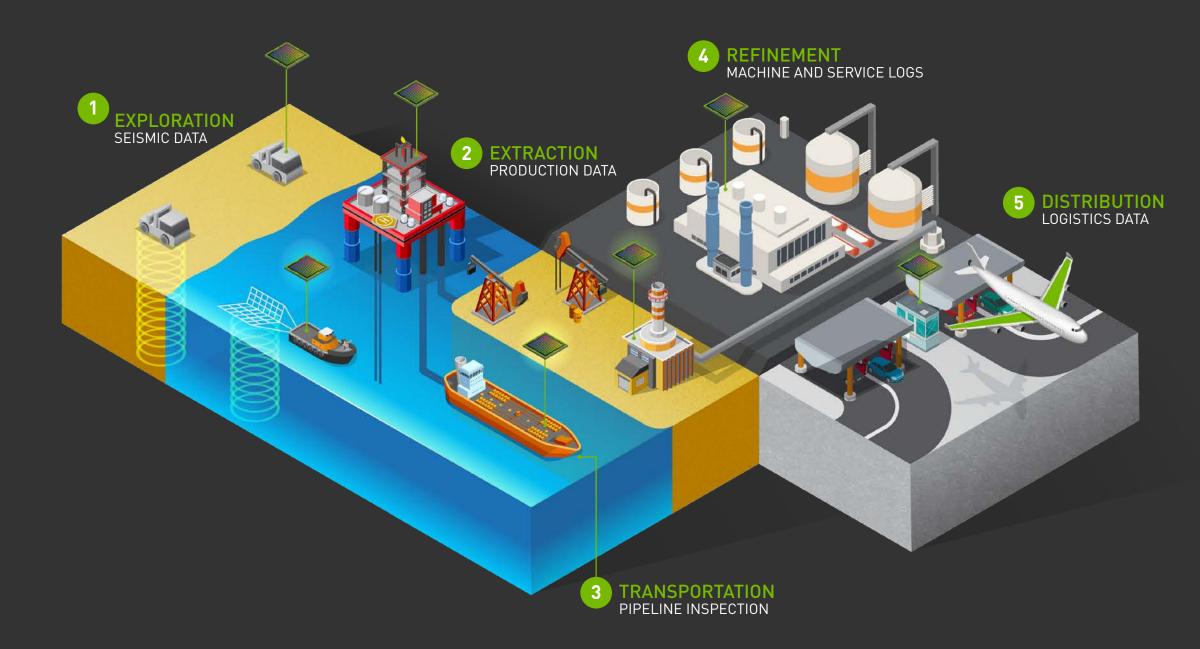
Pipeline inspection data per 600 km Seismic data per survey

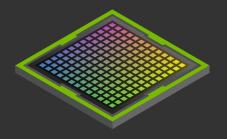
THE FUTURE OF OIL AND GAS, POWERED BY AI AND GPUs

Big data needs algorithms and compute that scale. GPU-accelerated AI offers the ability to distill oceans of dark data, delivering insights and efficiency that were never possible before.

AI'S END-TO-END IMPACT ON OIL AND GAS

Smarter, faster, AI-powered applications will affect the entire industry—from finding and refining energy to delivering it.





GPU-Accelerated Compute



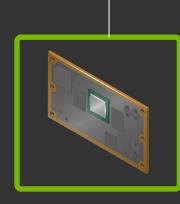
NVIDIA[®] DGX Station[™]

Desk-side Al supercomputing that brings the power



NVIDIA DGX-1™

Data center-scale deep learning training that



NVIDIA Jetson[™]

Embedded GPU-accelerated inference at the edge



NVIDIA GPU Cloud

Optimized deep learning and accelerated analytics

BY THE NUMBERS

Baker Hughes, a GE Company (BHGE), and NVIDIA are changing the future of oil and gas.*

50-75%

More accurate anomaly detection

10X

Faster interactive exploration of large datasets 15%

Lower OPEX across fullstream

*Source: BHGE estimates of customer impact

LEARN MORE:

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