



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

Ultrasound data
per plant/day



6 GB

Process data
per plant/day



.3 GB

Drilling
operations data
per day



1.5 TB

Pipeline
inspection data
per 600 km



10 TB

Seismic data
per survey

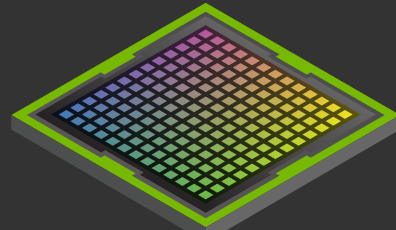
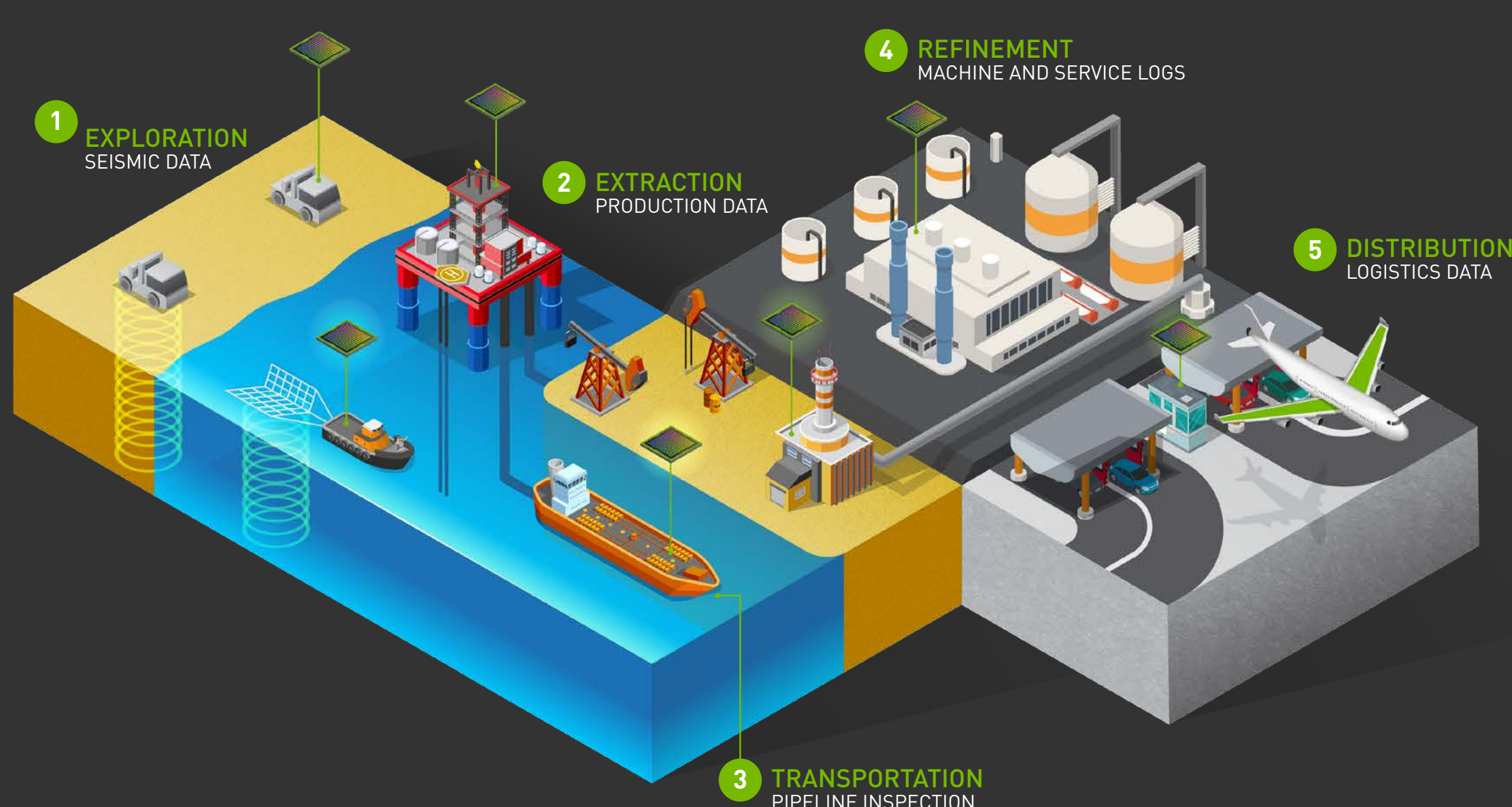
THE FUTURE OF OIL AND GAS, POWERED BY AI AND GPUS

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.

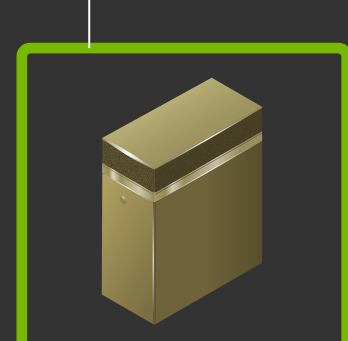


AI'S END-TO-END IMPACT ON OIL AND GAS

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

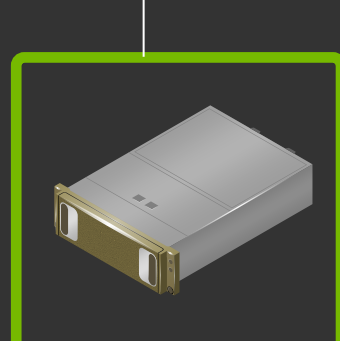


GPU-Accelerated Compute



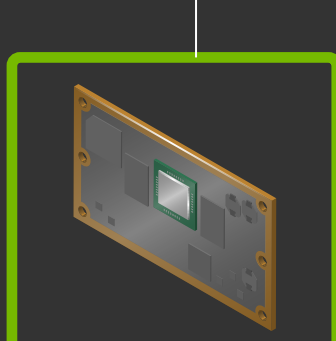
NVIDIA® DGX Station™

Desk-side AI supercomputing that brings the power of a data center to the field



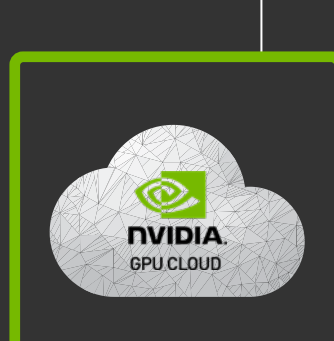
NVIDIA DGX-1™

Data center-scale deep learning training that delivers insights in hours



NVIDIA Jetson™

Embedded GPU-accelerated inference at the edge



NVIDIA GPU Cloud

Optimized deep learning and accelerated analytics software for fullstream AI

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:

BHGE: www.bhge.com/products-services/digital

NVIDIA DGX Systems: www.nvidia.com/dgx

© 2018 NVIDIA Corporation. All rights reserved. NVIDIA, the NVIDIA logo, DGX Station, DGX-1 and Jetson are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries. All other trademarks and copyrights are the property of their respective owners.

