

Unlock value and accelerate innovation with Dell oil & gas solutions

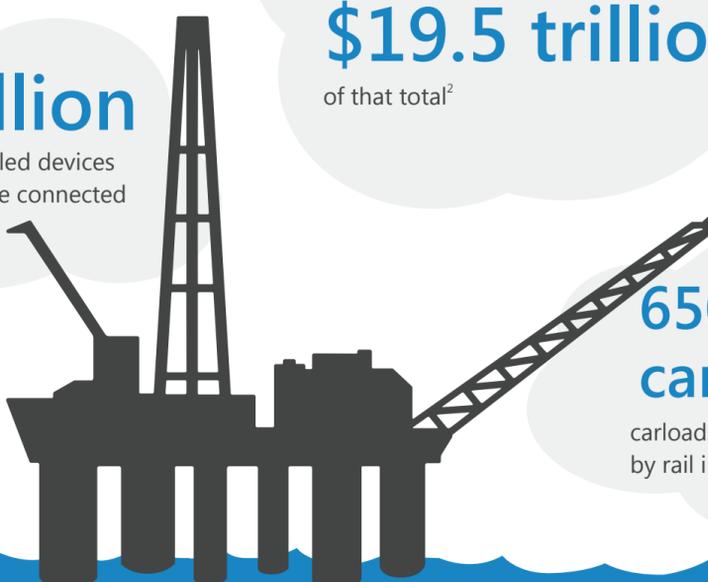
Today's Demands

56% ↑
increase in world energy consumption by 2040¹

\$38 trillion in capital-project investments projected by 2035, with oil and gas accounting for **\$19.5 trillion** of that total²

50 billion
network-enabled devices expected to be connected by 2020³

650,000 carloads
carloads of crude traveling by rail in the U.S. –today⁴



The Challenges

The discovery and exploration of oil and gas reserves are complex processes that present the following challenges for companies:

Upstream

- Increase productivity while reducing operating expenses
- Deploy innovative, memory-intensive technologies to capture, analyze and store huge amounts of seismic data

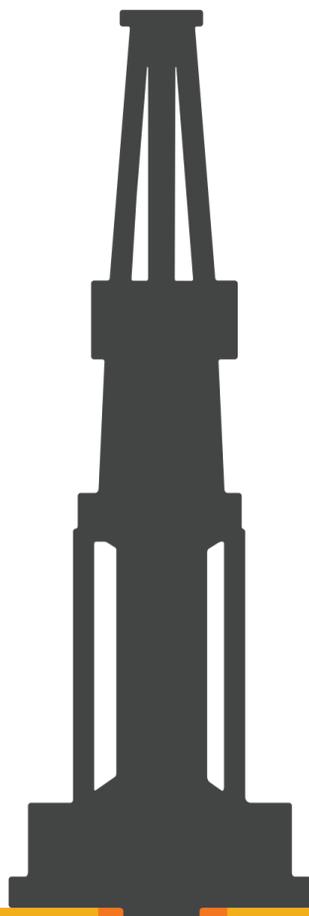
Downstream

- Maximize pipeline throughput while ensuring integrity
- Manage demanding environmental concerns

The Solution:

Dell's Digital Energy Technologies

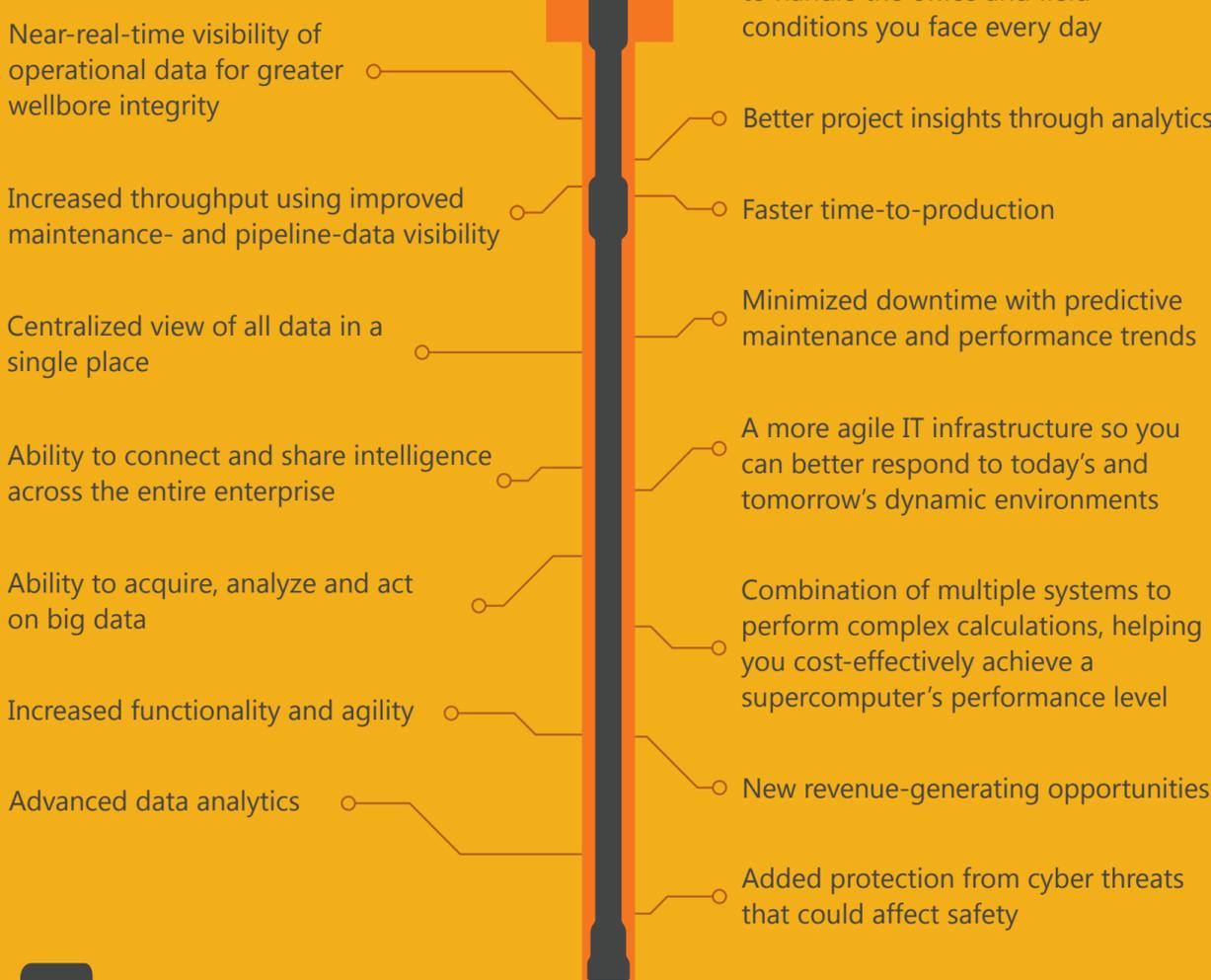
Because of its close involvement with oil and gas customers and partner ISVs, Dell stays on top of the latest energy industry challenges, trends and priorities. Dell's Digital Energy solutions, when combined with your organization's advanced applications, can assist you in making critical business decisions quickly and accurately.



Dell oil & gas solutions include:

- Industry-validated Dell Precision workstations designed to address seismic interpretation, reservoir characterization and modelin
- Dell Digital Energy Services
- Dell High-Performance Computing solutions, including cloud options, designed for seismic processing and reservoir simulation
- Dell Connected Security solutions
- Support for advanced processing performance, detailed graphics and reliable data storage

The Results



Learn more at Dell.com/Energy



¹ International Energy Outlook 2013 report, U.S. Energy Information Administration, eia.gov/forecasts/leo/
² World Energy Outlook report, International Energy Agency, worldenergyoutlook.org/
³ More Data, Less Energy, International Energy Agency, iea.org/publications/freepublications/publication/moredata_lessenergy.pdf
⁴ U.S. Rail Transportation of Crude Oil: Background and Issues for Congress, May 5, 2014, Congressional Research Service, fas.org/sqp/crs/misc/R43390.pdf