



The world's leading oil and gas companies can **thrive in any moment** with integrated analytics, operationalized at scale



Reduce risk, improve margins, and make better, faster decisions.



**Reduce risk,
increase
recovery**

An international oil company maximized well production output by dramatically reducing production delays, minimizing planned and unplanned downtime, and effectively maintaining each well. All of these improvements were driven by the Teradata Analytics Platform.



**Integrated
operational
efficiency**

A leading unconventional driller realized a \$45 million yearly savings by using the Teradata analytics to identify and mitigate catastrophic failures caused by human factors.



**Optimize to
meet the
digital future**

A top 20 Fortune 500 energy corporation used Teradata for its analytical foundation for supply and trading. Integrated web data, SAP, CRM system, pricing, and pricing algorithms were used to create better forecasting for commodities. The company also combined operational data, inventory data, and logistic information for demand forecasting to gain resilience and agility through the whole supply chain.

TERADATA.

Digital transformation is reshaping the oil and gas industry

- Uncontrollable events and climate volatility
- Extremely technology and capital intensive
- Digital transformation needs to work with legacy investment
- Massive data coming from all sources calling for insight

The most successful oil and gas companies are deploying world class analytics, artificial intelligence, and an enterprise data architecture as the foundation to digital transformation. This core foundation empowers future operating models to:

“(In the oil and gas industry) digitalization is well underway but confusion about ambition, limitations in investment, and leadership cultural challenges put transformation efforts at risk...analytics has the lion’s share of attention and new budget, and is expected to have the most impact, both on the business and CIO roles”

– Gartner, 2018

<p>Adopt a data-driven approach to improve safety, productivity, and quality of life</p>		<p>A leading upstream O&G company improved margins on its field by bringing sensor data from the field into its logistics planning, drastically reducing shut-ins and increasing overall production.</p>
<p>Analyze extensive and complex IT and OT data together, effortlessly, to drive efficiency and optimization</p>		<p>A leading O&G company in the U.S. achieved significant cost savings with improved operational efficiency and data-driven strategy and planning processes. Working with Teradata, the company generated insights from its existing enterprise data assets to lower supply costs, gain cascading cost insights, and continually share knowledge among business units to minimize duplicate efforts.</p>
<p>Create an interconnected and adaptive supply chain by leveraging IoT and predictive modelling</p>		<p>A top 20 Fortune 500 energy corporation used Teradata for its analytical foundation for supply and trading. Integrated web data, SAP, CRM system, pricing, and pricing algorithms were used to create better forecasting for commodities. The company also combined operational data, inventory data, and logistic information to gain resilience and agility through the whole supply chain.</p>

Why Teradata

We have a long history, working with the world’s largest, most complex companies. They have confidence in our ability to meet their short, medium and long-term analytical requirements.

We deliver against our promises, supporting our customers in confidently embracing their most complex analytical ambitions, while driving hundreds of millions of dollars in value.

We are recognized for our superior technology, vision, and capability based on integration of Teradata and open source technologies deployed in the public or Teradata cloud, and/or on-premises across Teradata and commodity hardware.

We provide high performance analytical ecosystems, experienced data scientists, Industry and implementation experts that empower our clients to increase revenue and drive operational efficiency.

Our Objective

Help remove technical barriers that hinder success

Our Philosophy

Enable the discovery and operationalization of new insights, at scale, across any business

Our Focus

Deliver ROI, enabled by the best analytics platform and optimal cost/performance mix

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06.18 EB10180

