

Data-driven. Digital-focused. Optimized.

Globally, **2,000 CGI consultants help oil and gas companies across upstream, midstream, downstream and renewables operations** to advance their digital journeys and optimize business outcomes. We partner with them to improve their asset uptime and utilization, customer focus, fuel transaction efficiency, data and information access, seamless global collaboration, compliance and ultimately profit generation.

Client insights. CGI action.

In 2019, we met face-to-face with 41 oil and gas executives to learn about their top trends, priorities and challenges.

What we heard from clients

Industry trends: Harnessing business value from increasing amounts of data

Business priorities: Optimizing operations to increase productivity, agility and speed to market

IT priorities: Driving operational efficiency and excellence to enable greater innovation

How we partner to help them succeed

Applying advanced analytics and intelligent automation to gain better insights from data to improve operations and business outcomes

Developing and implementing effective roadmaps for IT modernization and new IT delivery models to increase agility, collaboration and innovation

Delivering managed IT and business process services to optimize operations, reduce costs, and improve the customer experience

Using data and advanced technology to make exploration more efficient

Data is the cornerstone for digital transformation across all oil and gas business lines. CGI's consulting and integration expertise helps clients harness data to improve business results. In upstream operations, we apply deep learning combined with large amounts of data to yield valuable insights for exploration.

For example, CGI helped **Aker BP**, one of the largest independent oil companies in Europe, use advanced technology such as machine learning in an effort to help streamline the time-consuming search for oil and gas on the seabed. This project confirmed the possibility of using image recognition and deep learning, together with 3D seismic data from the seabed, to recognize and predict faults and horizons.

CGI solutions and services support:

All oil and gas majors

1,000+ upstream exploration and production applications

1.5 billion fuel card transactions processed per year



Serving as Shell's strategic partner for 30+ years

More than 1,500 consultants work alongside Shell worldwide, delivering strategic consulting, IT modernization through application development and support services, and managed IT and business process services.

Optimizing operations to reduce costs and drive investments in innovation

Oil and gas companies must optimize operations to increase profits and free up investment capacity for innovation. CGI's digital accelerators help clients achieve greater efficiency in all lines of business, including fleet management. Keeping vehicle fleets on the road while holding down costs is a complex endeavor, and fleet managers need visibility and control of fuel and vehicle-related expenditures. CGI provides international energy company **Shell** and its customers with an end-to-end fuel payments system that enables them to manage their commercial fleets across the world.

Improving quality and efficiency through managed services



Oil and gas clients use CGI's local and global delivery capabilities to improve the quality and efficiency of their IT operations. Increasingly, we apply process automation, chatbots, advanced analytics and machine learning to deliver faster and more personalized services.

For international energy company **Equinor** (formerly Statoil), CGI has worked to evolve end-user support services to meet changing user needs over the past 15 years. We will continue to digitize and automate these services, taking advantage of new technology to improve service delivery on an ongoing basis.

In addition, as oil and gas majors increasingly target diversification into renewable energies and low-carbon developments, CGI supports the energy transition with decades of experience and innovative solutions to support renewables operations and connect customers with new energy business services.