Keep Pace with Evolving Demands

Competitive pressures are increasing in the global energy market. To respond, oil and gas companies must continue to meet rising energy demand with innovative new services and clean products, while still managing price volatility and overall risk.

It can be a difficult balancing act. But now, outsourcing vital oil and gas engineering services to QuEST Global is an effective way to achieve these objectives. We have proven teams of highly skilled, experienced engineering resources around the globe.

We’re ready and willing to help our customers maximize operational efficiency, optimize costs, and most importantly, continue to develop innovative solutions for their customers.

INDUSTRY CHALLENGES

Changing Market Conditions

Oil and gas companies can’t attempt to grow their way past current economic challenges. They simply can’t risk upfront capital investments that may take too long to recoup—if at all.

Controlling Operating Costs

These organizations need to focus on bottom-line strategies—such as reducing and controlling operating costs—to optimize cash flow and protect profitability.

Emerging Technologies

Oil and gas companies are now relying on new technologies to improve performance and quality, including big data analytics, machine learning, automation, and other digital tools.
Oil and Gas Engineering Expertise

Now there is an effective way to find and deploy the right engineering talent: QuEST outsourced engineering solutions for the oil and gas industry.

With more than two decades of industry-specific experience, we deliver proven, powerful engineering solutions on a global scale to support every line of business and integrate every phase of the product lifecycle—from product conceptualization to post-production support and everything in between.

LOCAL & GLOBAL SUPPORT

We have a global staff with local nationals invested in building long-term relationships, functioning as an extension of your team.

FLEXIBLE & TAILORED SOLUTIONS

Our unique hybrid managed services model allows us to tailor solutions to custom-fit each customer’s objectives and overcome challenges in the oil and gas industry.
SUSTAINING ENGINEERING AND MAINTENANCE SUPPORT
We support all engineering activities related to products in service to improve their cost, reliability, and quality as well as maintenance services for the entire product lifecycle.

SUPPLY CHAIN MANAGEMENT
We help our customers manage suppliers and supply-related activities to reduce costs and maximize quality.

ELECTRONICS AND EMBEDDED SYSTEMS
Our turnkey approach enables our customers to quickly develop powerful custom software and hardware.

Comprehensive Engineering Services
Only QuEST can develop and deploy custom engineering solutions that span the entire product lifecycle. We have extensive experience in areas such as product design and development, supply chains, digital oilfields, pipeline inspections, and much more.
MANUFACTURING ENGINEERING
We provide solutions for product optimization, plant transition, value engineering, quality, productivity, and cost reduction.

DIGITAL OILFIELD AND ASSET MANAGEMENT SOLUTIONS
Our solutions enable operators to integrate, interpret, and act on production-related information to optimize field operations.

ENGINEERING ANALYSIS
Our comprehensive engineering analysis solutions provide complete visibility into poor design issues and results in better parts and products.

INSTRUMENTATION, CONTROL, AND ELECTRICAL SERVICES
We improve the control and productivity of critical applications and processes.

DETAIL ENGINEERING
Our teams are focused on getting detail designs right the first time, leading to faster and higher quality manufacturing processes and lower costs.

TECHNICAL PUBLICATION SERVICES
We help migrate existing technical publications to new content management systems to comply with industry-specific standards.
Proven Success

The QuEST client list includes many industry-leading oil and gas companies, including major integrated producers, oilfield services providers, pipeline companies, operators, refineries, and OEMs.

Our employees have years of experience with industry-standard systems, tools, and processes. This enables our engineering teams to get up to speed quickly and focus on helping our customers achieve impressive business results.
CASE STUDY

Manufacturing Engineering: 
Reduce Cycle Times

A leading oil and gas company wanted to eliminate the need for employees to make programming adjustments on machines as parts were being manufactured. The company’s goal was to increase machine uptime, improve product turnaround times, and ship parts faster.

An on-site QuEST team worked quickly to understand the customer’s current operations and delivery processes. This information was shared with a larger global team who developed detailed CNC programs that simplified the company’s programming efforts. New manufacturing processes were much faster, more accurate, and very efficient.

CASE STUDY

Digital Oilfields: 
A Better Way to Inspect Pipelines

A major oilfield services company recently needed QuEST’s help to assess the integrity of its oil and gas pipelines. While the company did have an inspection tool, it didn’t have the adequate resources to analyze data, resulting in a large backlog of potential anomalies.

The QuEST team developed a better way to analyze pipeline data. QuEST engineers converted collected data into raw images, a step that helped identify pipeline features, metal loss, deformations, and other anomalies.

The QuEST team worked quickly to clear the entire backlog of inspection data while helping the customer improve response times for resolving possible issues.

PROVEN RESULTS

REDUCED COSTS BY MORE THAN 50%

IMPROVED MACHINE RUN TIME BY 80%

DECREASED MACHINE SET-UP COSTS BY 85%

REDUCED DATA BACKLOGS FOR MORE THAN 5,600 KILOMETERS OF PIPELINES

IDENTIFIED MORE THAN 5 MILLION POSSIBLE ANOMALIES

DECREASED CUSTOMER’S RESPONSE TIME BY 50%
油和气

工程卓越

外包战略油和气工程功能到QuEST是一种有效方式，以增加可持续性和盈利能力。作为许多财富500强领导者值得信赖的合作伙伴，QuEST提供了两代经验的证明价值，涵盖产品生命周期工程服务，以及持续致力于帮助客户成功。

QuEST的差异

QuEST是唯一提供全面制造专业知识、精通使能技术，并深入了解其客户及其业务的工程服务和解决方案合作伙伴。QuEST帮助航空航天、能源、医疗健康、技术和交通运输行业的公司克服挑战，并抓住机会，提高盈利能力，通过产品和服务来提高质量、提高效率、降低成本，进而改变市场。

可信赖

我们承诺所交付的内容，并确保其交付。我们是质量、过程导向的，并致力于持续改进。

团队合作

我们的团队跨地域、组织和文化领域合作，为您提供更多。

变革的倡导者

我们是变革的倡导者，不是旁观者。我们认为每一次变革都是一次学习、贡献和改进的机会。

专注于您

我们对超越您的期望充满激情，在您需要的任何地方和任何事情上。

联系我们

请通过salesenquiries@quest-global.com或访问quest-global.com了解QuEST Global如何帮助您取得成功。

QuEST Global是一家值得信赖的工程服务和解决方案合作伙伴，为世界上许多知名财富500强品牌提供航空航天和国防、医疗设备、电力和运输服务。超过20年，QuEST一直是值得信赖的合作伙伴，提供全面支持整个工程生命周期，以帮助我们的客户提高效率、提高质量、创造新产品和开拓新市场。通过合作和定制的方法，QuEST让其客户管理传统的工程要求，以及数字化和机械技术的融合，以帮助他们创造安全、可靠、高质量的产品和服务。