

 **ITC Global:** Oil & Gas Solutions

High-performance networks for business-critical operations





In today's oil & gas market, investing in a high-performance communications network that can scale with a growing business has become a critical requirement. With a comprehensive strategy to keep headquarters connected to exploration, production and drilling operations, oil & gas companies can ensure operational integrity, protect personnel and property, and provide seamless coverage to sites across the globe.

▪ AN EXPERIENCED, GLOBAL PARTNER

ITC Global has the industry experience and global resources necessary to develop a strategic communications plan for your business. We design, engineer and deploy networks that are ultra reliable and customized to meet your unique requirements and dynamic operations.

With more than 25 satellite beam footprints across nine different teleports, ITC Global delivers the global reach and flexibility necessary to support your expanding business. We can provide coverage for customers operating in single regions or across multiple regions with vessels in transit. Wherever you need access to high-quality communications, we can deliver.

▪ ASSESSING UNIQUE CUSTOMER REQUIREMENTS

The foundation of our approach is a comprehensive assessment of your existing communications infrastructure to identify needs and performance gaps. We then evaluate which communications modes — satellite, wireless or terrestrial — are best suited to provide reliable connectivity for each segment of your overall network. The result is a fully-optimized design that delivers a consistent quality of service across your global operations.

We also lead a thorough financial analysis, allowing us to assess total cost of ownership and return on investment so that any new investments are strategic to your operation. We understand that today's networks are not static, so we consider your future business plans to ensure that a network can scale to accommodate growth.

▪ ENGINEERING & MANAGING A TOTAL SOLUTION

Once your network is designed, ITC Global's experienced field personnel will engineer and implement your corporate wide area network (WAN) from the ground up, ensuring your VSAT links provide highly available, secure connectivity for critical applications. Our engineers have honed their VSAT experience through network deployments in more than 55 countries. They can also integrate VSAT with your voice and data systems to deliver uniform performance from corporate headquarters to offshore rigs.

As part of our comprehensive solution, ITC Global offers network management services that can be tailored to fit your organization's needs. Using our 24/7/365 network operations center (NOC) and local technicians, we can partner with customers to deliver a fully managed, end-to-end service, including customer-owned equipment, that meets specified service level agreements (SLAs).



With ITC Global, you can transform your investments in communications infrastructure into a strategic asset that protects and improves your business operations.

▀ VIGILANT NETWORK MANAGEMENT

Our robust monitoring systems provide deep network visibility and enable our skilled NOC staff to proactively monitor latency, throughput, packet loss and utilization. Oil & gas companies have real-time access to this same visibility through our customer portal, where they can examine bandwidth utilization and error reports for every site, router/switch interface and virtual local area network (VLAN).

We also provide a single point of contact for initiating and prioritizing trouble tickets. We deploy out-of-band management on all our stabilized antenna systems, we can remotely correct most problems that occur. Our locally deployed field personnel can take further action when needed, providing quick responses to issues that require onsite support.

▀ ITC GLOBAL: AN INDUSTRY INNOVATOR

ITC Global provides oil & gas companies with a total communications solution. We have more than 15 years of experience designing, building, optimizing and supporting VSAT-based communications networks for global customers. We are a technology leader and innovator, collaborating with partners such as iDirect, SeaTel and Riverbed to develop cutting-edge solutions.

We currently own and operate the largest deployment of the iDirect Evolution platform in the oil & gas sector. This extensive expertise gives us a deep understanding of the platform's capabilities and enables us to leverage its Advanced Coding and Modulation techniques to deliver performance improvements for customers operating in extreme onshore and offshore environments.

ITC Global also manages one of the largest satellite bandwidth pools in the industry. Purchasing bandwidth in large quantities helps drive down costs per megahertz, allowing ITC to offer the best combination of technology and affordability. And when you need to grow your communications links to incorporate new sites — either from exploration or acquisition — our networks have the headroom to accommodate increased bandwidth demand.

Partnering with ITC Global provides oil & gas companies with the highly reliable, global connectivity they need to maintain visibility into and control of their remote operations. Our scalable solutions connect remote sites in distant corners of the world, while maintaining a consistent user experience across an enterprise. Our robust network monitoring and in-country offices, field personnel and inventory deliver a quick resolution should an issue occur. We can turn your communications spend into a strategic investment that grows your business and helps you capture new market share.

▀ THE BUSINESS PAYOFF

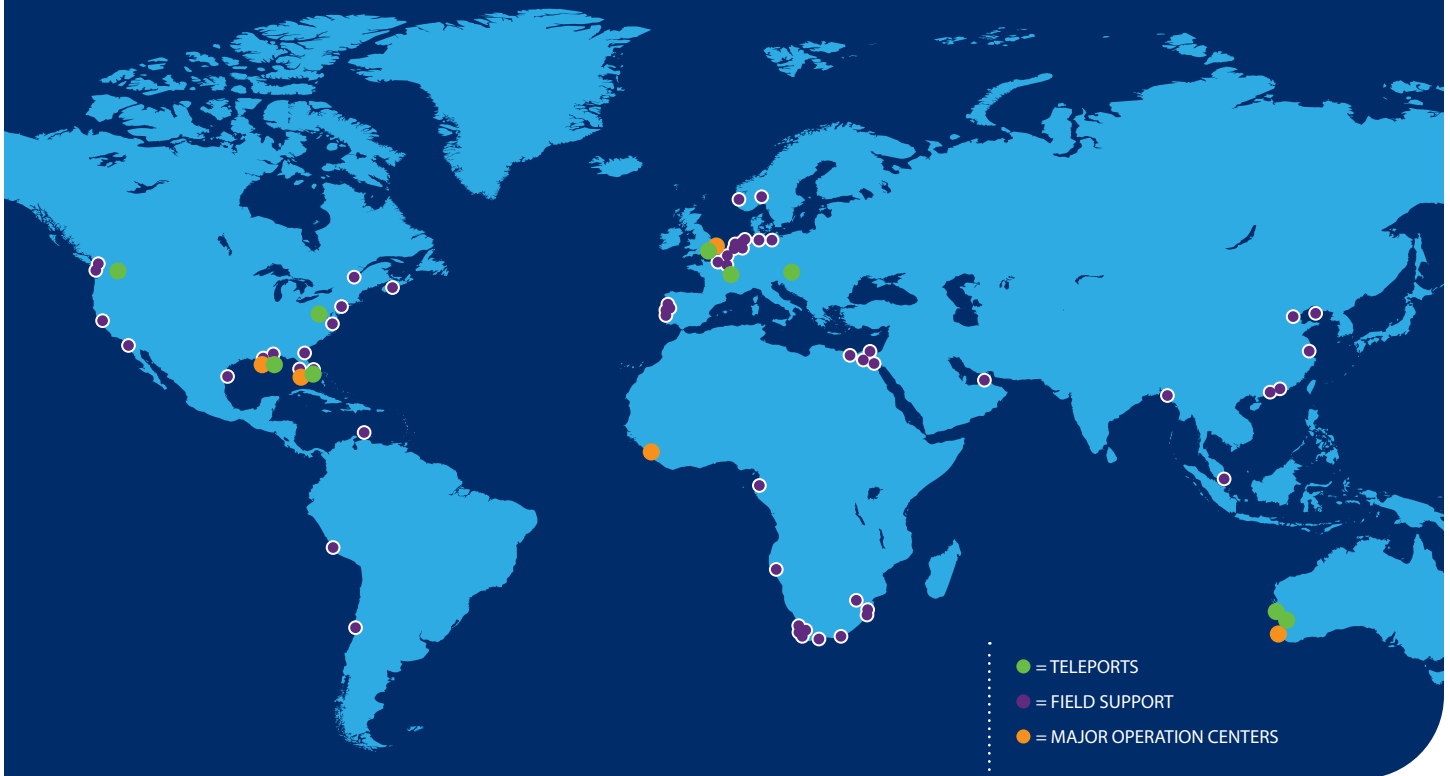
With ITC Global's managed service offering you gain:

- Visibility into and control of network performance
- Seamless integration of satellite, wireless and terrestrial networks
- More efficient operations as VSAT segments are optimized for each application
- Consistent quality, performance and user interface across multiple geographies
- Scalability to deliver increased bandwidth to existing sites and add new sites
- The best combination of technology and cost per megahertz

▪ COMPREHENSIVE SERVICES

ITC Global knows that offshore sites operate many different information systems, each with its own performance requirements. Our experienced engineers can optimize your communications links for these systems, which include:

- Vehicular, fixed and handheld two-way radio networks
- Video over IP and CCTV
- SCADA and telemetry networks
- Telephony systems (VoIP, Cisco Call Managers, PABXs, intercom and paging)
- Cellular transmission and retransmission equipment
- TVRO entertainment systems
- Crew amenity phones and internet
- Corporate LAN and server hosting, including power supplies and environmental controls
- Recovery solutions and communications systems redundancy
- Command and control systems (water borefields, fuel systems and access control)



For more information about ITC Global and our service offerings, please contact one of our offices.

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