



Meeting the Offshore Oil Industry's Expanding Connectivity Demands



As energy demands spike around the world, oil and gas companies are building greater numbers of offshore drilling rigs in isolated waters further away from land. With each rig projected to dramatically increase its data output in the coming years, operating these expensive floating cities efficiently and generating maximum profits from offshore drilling is, now more than ever, critically dependent on fast, robust, and always-available broadband connectivity. Without reliable connectivity, offshore drilling operators can experience:



Increased risk of disastrous oil spills when rig-to-shore communications are unavailable



Operational inefficiencies due to unscheduled downtime for critical machinery



Poor quality of life for crew members when disconnected for long periods of time

Transforming Offshore Drilling Operations with IntelSat FlexMaritime

FlexMaritime is specifically engineered to enhance and optimize offshore drilling operations worldwide. With a global network of high-throughput satellites (HTS), FlexMaritime removes the complexity of dealing with bandwidth availability, even in the most isolated waters. Additional layers of wide-beam capacity satellites further reinforce the HTS coverage for increased resiliency. Its award-winning, high-performance design provides consistent, "always available" service anywhere in the world and at sea.

Operational Efficiencies

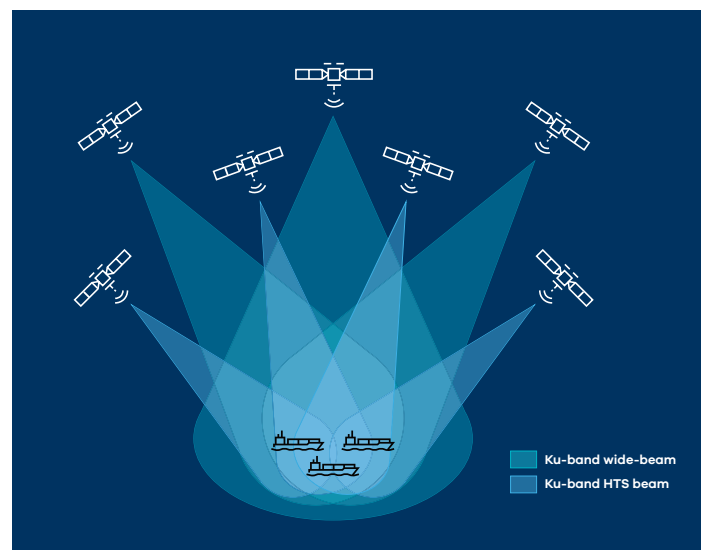
Enable seamless communication between rigs and onshore teams for optimized orchestration through automation, remote management of drilling and production operations, and added flexibility to adjust operations in response to price fluctuations in the volatile oil markets.

Improve safety and optimize logistics with real-time monitoring of sensors, temperature, flow, and fluids to pre-empt problems and troubleshooting.

Crew Communications

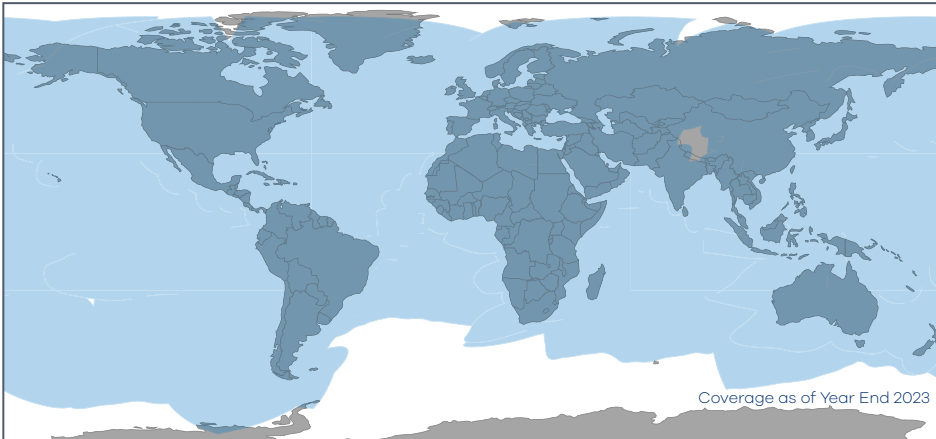
Boost crew morale by delivering tools for enhanced personal communications, health and entertainment options.

Utilize high-speed connectivity for document transmission and applications such as telemedicine, video conferencing, streaming, and more.



FlexMaritime Solution Spotlight

From sea to shore, FlexMaritime keeps you securely connected.



Coverage as of Year End 2023

With over 80 qualified antennas, FlexMaritime has the largest portfolio of antenna classes to meet unique performance, size, weight, and installation requirements.



Ideal for merchant ships, the 37cm, 45cm, 60cm+, and 1m+ high-power antennas provide the following data speeds:

- 37cm and 45cm: Up to 6x2 Mbps
- 60cm+: Up to 10x3 Mbps
- 1m+: Up to 20x3 Mbps

Multi-layered, global coverage is provided by 18 satellites and 220+ beams, optimized for HTS with wide beams for reinforced resiliency and reliability.

Currently in development, Intelsat's next-generation, cloud-native, software-defined satellites and network features dynamic beam switching which allows us to reconfigure coverage on the fly and deliver cost-effective bandwidth precisely when and where needed. With ongoing investments in our next-generation, software-defined network, Intelsat can confidently support bandwidth demands as they evolve.

Over the next few years, Intelsat will continue evolve its network through partnerships with low earth orbit (LEO) providers and launch of its own medium earth orbit (MEO) constellation.

Offered Exclusively Through Our Solutions Partners

Offered through our carefully selected solutions partners, FlexMaritime can be integrated with their innovative value-added services and world-class support to create the perfect solution for their customers.

Powered by Intelsat: The Captains of Connectivity

As the foundational architects of satellite technology, designing global network solutions that fit specific user needs is in our DNA. Let's talk about your connectivity needs today: intelsat.com/FlexMaritime

The FlexMaritime Difference:



Reliable

Redundant, high-throughput global capacity designed for maritime trade routes



Open Architecture

Design built for flexibility and growth



Secure

Communications protection held to the highest security standards



High-quality
Streaming for crew applications