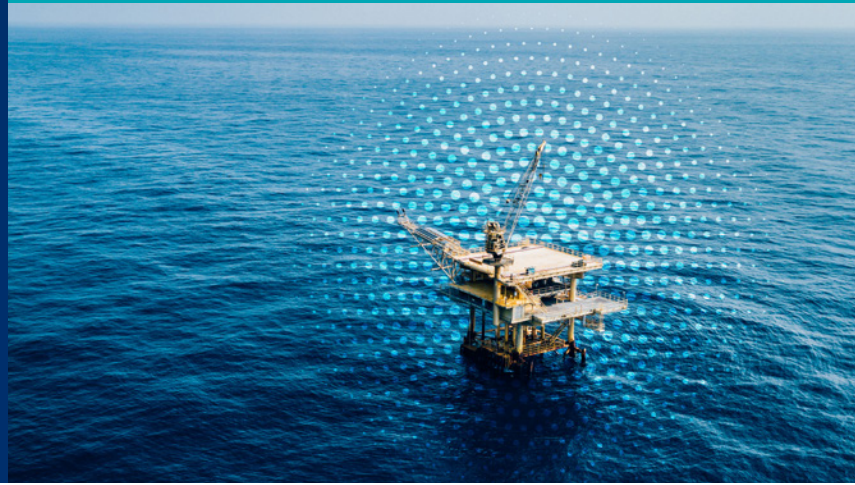# INTELSAT®

Reliable, High-speed Connectivity for Offshore Oil Industry Operations

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

August

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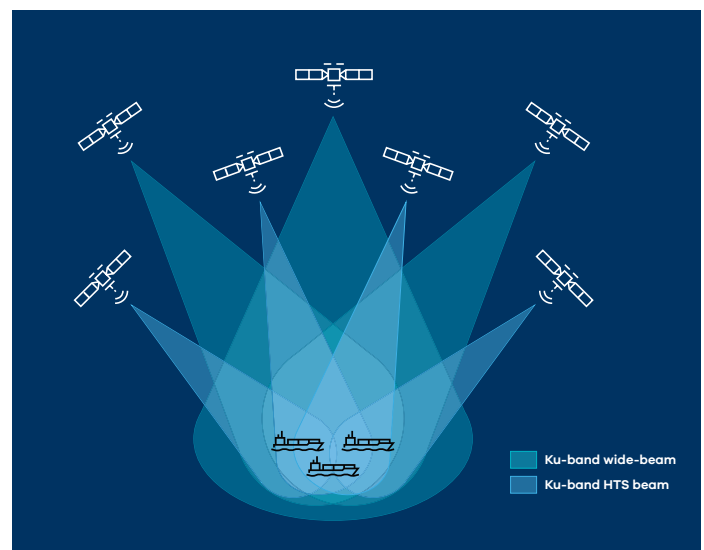
Operational Efficiencies
Enable seamless communication between rigs and onshore teams for optimized orchestration through automation, remote management of drilling and production operations, and added flexibility to adjust operations in response to price fluctuations in the volatile oil markets.

Improve safety and optimize logistics with real-time monitoring of sensors, temperature, flow, and fluids to pre-empt problems and troubleshooting.
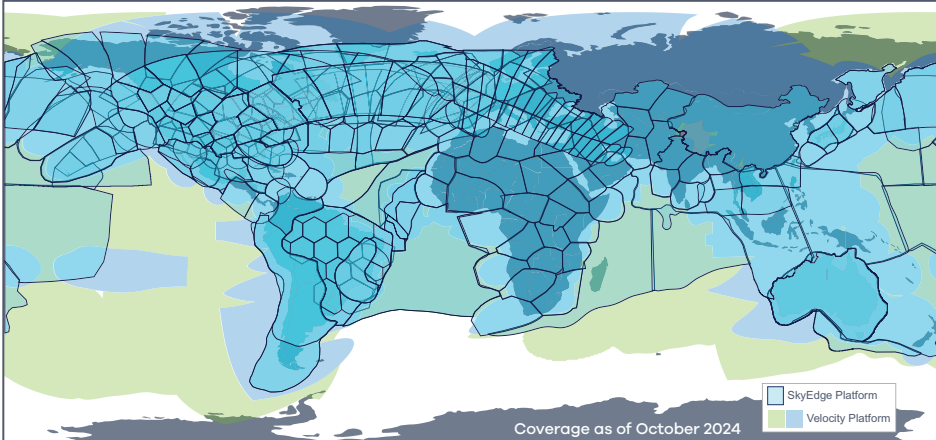
Crew Communications
Boost crew morale by delivering tools for enhanced personal communications, health and entertainment options.

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

Ku-band wide-beam
Ku-band HTS beam

FlexMaritime Solution Spotlight

Chart your course to multi-orbit connectivity at sea with Intelsat's portfolio of enterprise-grade network solutions.

INTELSAT

SkyEdge Platform
Velocity Platform

Coverage as of October 2024

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

An advanced HTS connectivity solution, FlexMaritime dynamically manages layers of multi-orbit, multi-beam capacity to deliver powerful communications everywhere.

New satellites, capabilities and coverage are continually added to the FlexMaritime network. 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 our ongoing investments, Intelsat can confidently support the connectivity requirements of oil and gas companies as they evolve.

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's Enterprise-grade Network

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**
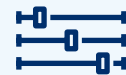
The FlexMaritime Difference

Built on a global space and ground network supported by 99.999% availability

Comprehensive, end-to-end security backed by SOC 3 accreditation

Scalable, adaptable solutions to meet unique and evolving connectivity needs

Supported by the highest grade of customer experience services

Easy to use and adopt, designed to simply integrate into infrastructure

INTELSAT®

intelsat.com/maritime