INTELSAT®

Reliable, High-speed Connectivity for Merchant Shipping

The Rising Demand for Connectivity at Sea

With 90% of world trade utilizing maritime transport, the merchant shipping industry is a critical component of the global supply chain. Shipping organizations are always pursuing new strategies to control costs, improve efficiency, and reduce carbon outputs.

As a result, shipping organizations today have become increasingly reliant on advanced data-driven applications that serve a wide range of functions including voyage planning, conducting remote diagnostics, and delivering on-board connectivity for crew morale and welfare. No matter the requirement, data applications designed for merchant vessels need access to fast, high-quality broadband connectivity. **Without reliable connectivity, fleet owners and operators can experience:**

Operational delays caused by unreliable shipping schedules

Missed opportunities to optimize routes for reducing journey time and fuel consumption

Poor crew morale when disconnected for long periods of time

Transforming Maritime Operations with Intelsat FlexMaritime

FlexMaritime is specifically engineered to improve merchant shipping operations worldwide. With a global network of high-throughput satellites (HTS), FlexMaritime delivers connectivity even along densely congested shipping routes. Multiple layers of wide-beam satellite capacity and a cutting-edge fiber network further reinforce the HTS coverage for increased resiliency and redundancy. FlexMaritime's award-winning, high-performance design provides consistent, "always available" service anywhere in the world and on the sea.
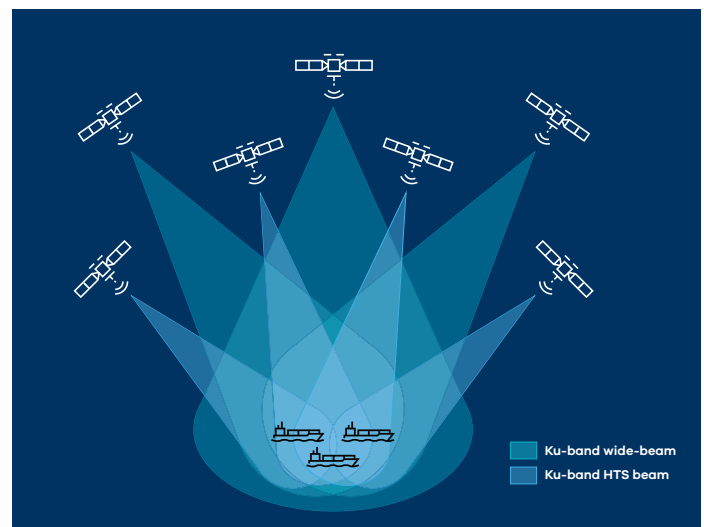
Operational Efficiencies
Integrate global fleets with on-shore operations for 24-hour location tracking, remote monitoring and diagnostics of ship performance, software upgrades, and management of cargo deliveries.

Improve voyage planning and optimize fuel consumption by monitoring ever-changing weather conditions and traffic patterns.
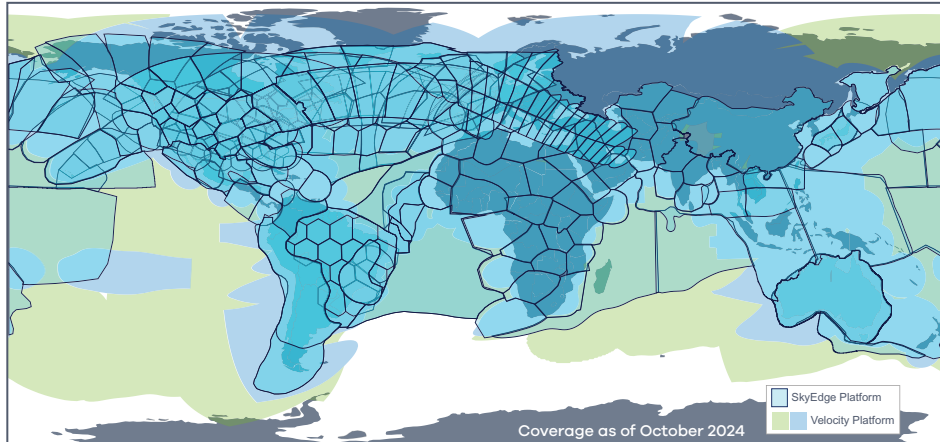
Crew Communications
Boost crew morale by delivering tools for enhanced personal communications, health and entertainment options.

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.

FlexMaritime Vantage complements Intelsat's flagship FlexMaritime service by adding a layer of higher speed coverage in high-traffic areas, enabling network connectivity speeds up to 60 Mbps download and 6 Mbps upload. Available for existing and newly qualified 60+cm terminals.

As part of Intelsat's FlexMaritime portfolio of services, and through our partnership with Eutelsat OneWeb, Intelsat offers **FlexMaritime LEO** as a complementary service for vessel owners and operators in need of added LEO connectivity for real-time applications requiring ultra-high speed and ultra-low latency. By layering FlexMaritime LEO coverage in busy shipping routes on top of the global, ultra-reliable, high-throughput coverage of FlexMaritime GEO network, vessels and crew stay connected everywhere at sea and gain the added benefit of a LEO service supporting data-intensive applications.

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**
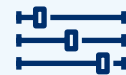
The FlexMaritime Difference

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