

MERCHANT SHIPPING

Connecting Transport Across Seas

A recent Harbor Research maritime report* revealed how the merchant shipping industry's communications needs can be met with resilient, global satellite connectivity.



* Harbor Research, Currents in Connectivity: How Satellite Infrastructure is Evolving to Enable the Future State of Maritime Communications, 2023.

Now's the Time for Maritime Digitalization

The key drivers that are accelerating change



Supply chain disruptions



Sustainability regulations



Safety and compliance



Crew welfare and labor shortages

Operators are realizing the need for digitalization for improving business operations at sea.

Industry Opportunities

New services and solutions help shippers sail towards better systems and processes, so capabilities like consistent sharing of data between ports and vessels is possible.

Operators must tap into new technologies...

- » 5G
- » Software-defined satellites
- » Cloud and AI
- » Edge computing

...help fleets realize new benefits

- » Reduce bottlenecks
- » Track assets
- » Simplify route management
- » Use resources sustainably

1.9M

seafarers make up the merchant maritime fleet, transporting over 90% of traded goods globally

Source: Ocean Shipping and Shipbuilding, OECD, 2022

A Closer Look at Merchant Shipping

There are benefits for optimizing an aging fleet with modern maritime infrastructure.

The segment shows continued growth and a strong rebound to pre-pandemic activity.

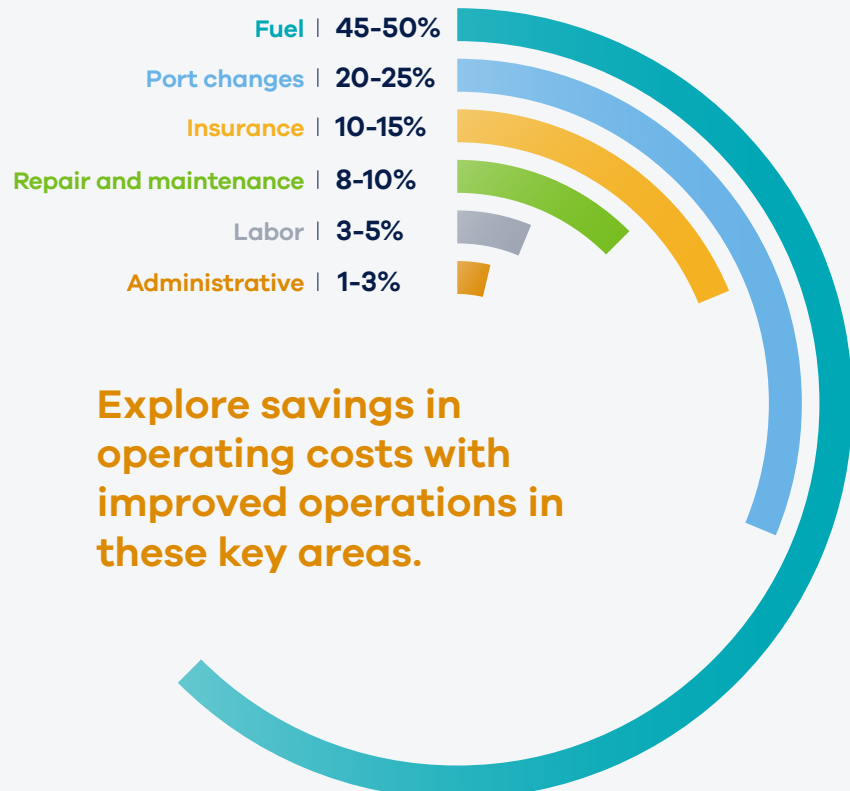
2.9%

Annual fleet growth from 2020-2021

21.9

years

Average age of fleets

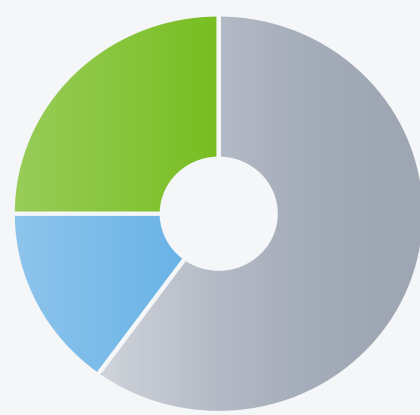


Explore savings in operating costs with improved operations in these key areas.

As the amount of data processed between fleets increases, overcoming the constraints of legacy infrastructure is key in facilitating better use of data and insights, which can optimize operations, too.

Of 15TB of data processed and transmitted per vessel annually...

- 10-15% is processed at the edge
- 20-25% is sent over the network
- 55-60% goes unused



Enable End-to-end Value With Satellite

Intelsat is leading the next generation of satellite services in lockstep with maritime. Connecting the most remote operations since 1964, we're a leader in VSAT services, and a globally trusted partner in the most challenging aspects of maritime satellite connectivity.

GEO

LEO

MEO

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



Built on a global space and ground 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

Software-defined, high-throughput satellites and extensive service management tools deliver seamless global coverage—and help you maximize value to make the most of opportunities at sea.



Improved service availability
Multi-orbit, multi-vendor access



Enhanced performance
User-specified payload and configuration



Cost savings
Multi-band orchestration for optimized bandwidth usage

Work with us through our world-class solutions partners, and see what FlexMaritime can do for you.



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