

**OFFSHORE** 

# **Adapting With Industry Growth**

A recent Harbor Research survey\* revealed how the offshore industry's connectivity needs can be met with resilient, global satellite infrastructure.



\* 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 ship owners and operators 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...

- Software-defined satellites
- Cloud and AI
- Edge computing

#### ...help fleets realize new benefits

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

\$**514**B is offshore's expected global upstream industry

investment in 2023

# A Closer Look at Offshore



An influx in investment in the offshore oil and gas industry will impact the adoption of enterprise and digital OT technologies that support market development and increased regulations. In turn, operations will be improved and a healthy seafarer labor market reinforced.

OpEx savings annually

Centralized management savings

## Reap the benefits of digitized operations, such as...



## Dynamic crew management

Save on OpEx with third-party ship management services



## **Maintenance orchestration**

Mitigate extraneous operating costs with a better view of key data



# Visibility into vessel impacts

Support sustainable exploration and production



# **Enhanced enterprise collaboration**

Oversee all aspects of fleets to improve crew lifestyles at sea



Regulatory monitoring and reporting, video and security systems, safety and compliance Power and vessel management

Engine and controls, bridge automation **1,090** GB Communication

**Navigation** 

Entertainment and leisure

#### **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

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

MEO



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

Comprehensive, end-to-

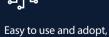
end security backed by SOC 3 accreditation



to meet unique and evolving connectivity needs



grade of customer experience services



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.



Multi-orbit, multi-vendor access

Improved service availability



**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.

