

Maritime

Small offshore working vessels such as fishing boats, ferries, and tugs reap significant benefits from connectivity services for productivity reporting and emergency response.

But because these vessels primarily operate out of range of terrestrial wireless networks, the cost of traditional satellite connectivity renders most of these services economically infeasible.

Skylo enables cost-effective offshore connectivity and alerts for working vessels

Skylo Technologies' reliable, ubiquitous, and cost-effective platform enables large-scale deployment of satellite connectivity for maritime operations.



Digitizing and transforming maritime operations.

Example Maritime Sensors

Two-Way Messaging

Pair a bluetooth-capable smartphone with the Skylo hub to enable messaging from the hub to the platform.

Messaging services to send and receive updates when out to sea.

Fuel, Battery, and Bilge Monitoring

Battery-powered bluetooth sensors report fuel level, battery health, and bilge level.

Address vessel health issues before they become an at-sea emergency.

Emergency Location Beacon

Use an external button or a paired smartphone to send an SOS signal in emergency situations.

Location services to save lives on distressed vessels.



Fisheries Market Data

Enable text message reporting of catch size and species at the point of capture. Push fish and fuel market data to fishermen before they dock.

Better managed fisheries, more productive fishermen.

NMEA 2000 and CANBUS Integration

Collect key vessel data and alerts such as engine status, oil level, AC/DC power status, water speed, and more.

Comprehensive vessel health data for precise fleet management.

Solution Details

- Regular location and productivity reporting anywhere under the sky for vessel monitoring and maritime boundary alerts.
- 2-way emergency messaging system for distressed vessels, inclement weather, and disaster response.
- Real-time messaging and location data enables more efficient fisheries management with on-site catch reporting, marine protected area management, and ability to push fish market data to fishermen.
- Ruggedized IP67-compliant hubs ensure survivability in the toughest maritime conditions.
- Solar-powered hub and sensor operation paired with battery backup or direct power.
- Flexible hub interfaces support a wide range of 3rd party sensors for vessel health reporting.



Ready to connect your business?

If you're interested in being part of the future of connectivity for the Internet of Things, then our team in the USA and India are waiting to hear from you.

Email us at:

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Find out more at:

www.skylo.tech