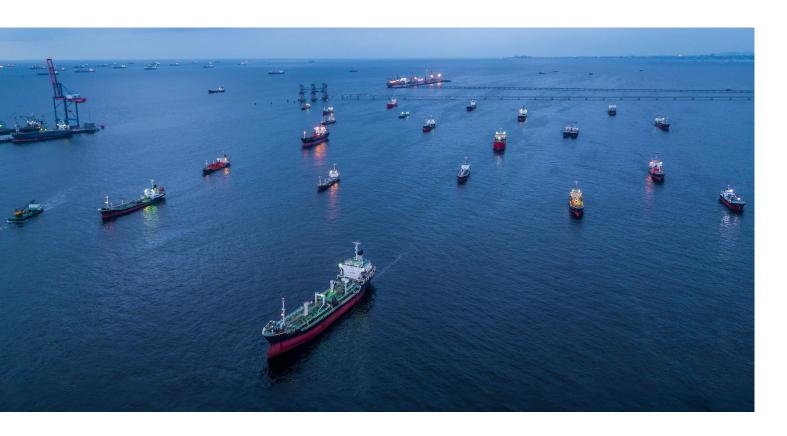—
FACT SHEET

Vessel Insights Application Programming Interface

Target Audience: Ship owners, charters, fleet management companies, system integrators

Users: Vessel performance and operations teams

Key Use Cases: Enables the creation of a customized vessel performance solution and analytics platform.

This API (Application Programming Interface) continuously provides quality-checked, weather-enhanced performance data along a vessel's track. It delivers a complete dataset for performance-related use cases through a combination of raw and derived data. Its sources include AIS, noon reports, autolog systems, hindcast weather, digital twin models, and more.

A core building block of any vessel performance management system and analytics platform, our Vessel Insights API allows you to create your own customized solutions with greater ease. With this GraphQL API, you'll have all the required vessel performance data you need at your fingertips, with an easy to maintain, cost-efficient connection.

Features

Accurately estimates fuel consumption and emissions using derived AIS tracks, hindcast weather data, and vessel performance models.

Offers insights powered by operational data, advanced vessel digital profiles, high-definition track information, and best-in-class weather hindcast data.

Processes noon report data, automates quality checks, and provides reliable confidence indicators through various noon reporting tools.

Supports advanced analytics and enhances decision-making confidence through accurate, high-value weather data.

Benefits

Track your vessels' CII and EEOI through custom dashboards.

Easily track and benchmark any performance-related KPIs for a vessel or an entire fleet.

Generate custom internal reports or reports for regulatory compliance.

Achieve business goals more quickly through intelligent, data-driven decisions powered by unique insights from your vessels.

Vessel Insights API saves you time and money associated with managing multiple connections from different data sources. It delivers quality-checked data combined with the latest technology, like digital twin vessel performance models.