



Make intelligent data-driven decisions with accurate vessel insights

Maximizing your fleet's performance and profitability is essential to your success. So is fulfilling your reporting obligations, like IMO DCS and EU MRV — not to mention upcoming IMO 2030 emissions regulations. Accurate, reliable information is key to managing these and other challenges, helping to set your course for future growth.

The more detailed and comprehensive your datasets are, the more business and operational intelligence they can provide. Now you can fuel optimal decisions at the ship or fleet-level with our Vessel Insights API. This all-in-one solution seamlessly integrates with your current business processes, collecting and collating every bit of relevant information you need to make intelligent, data-driven decisions. With the insights available through our API, you can better safeguard your people and assets and reach your business goals faster.

With Vessel Insights, you can:

- Better visualize your fleet and operations
- Process high-quality ship-to-shore reports
- Achieve a holistic view of external weather impacts on your vessel
- Promote green initiatives and benchmark your decarbonization goals
- Leverage high-quality data for advanced vessel performance analytics

Vessel Insights API

The information you need, when you need it

Make reporting easier

More easily meet your reporting commitments and boost performance with the solution's accurate operational data. It supports noon report data processing, automated quality checks, and confidence indicators through EasyNoon — our proprietary reporting tool — or third-party noon reporting tools.

Incorporate weather benchmarking

Enhance your operational intelligence and keep your data all in one convenient place. DTN doesn't just quality check your data. We also integrate accurate, high-value weather data to support advanced analytics and greater decision-making confidence.

Feed your data lake

By combining operational data, advanced vessel digital profiles, high-definition track information, and best-in-class weather observations and forecasts, our Vessel Insights API helps raise your data lake. With it, you can empower numerous actions, from increasing fleet performance to achieving sustainability goals.

Set your course for success

Delivered via data services, Vessel Insights seamlessly integrates into business applications. It offers global coverage for vessel owners, operators, charters, and shore-based performance departments, allowing them to leverage high-value, big data operational insights.

With this solution, you can:

- Ensure compliance with government emissions regulations and plan for IMO 2030
- Gain sharper operational insights, uncovering opportunities to improve fleet performance
- Leverage high-value weather data for consistent use across your business processes

The DTN advantage

At DTN, we make the complex simple, serving data via a flexible GraphQL API, incorporating our leading, proprietary weather data.

Solve the problems you face right now and safeguard people, vessels, and cargo while maximizing performance and profit. With detailed, continuously updated, and quality-checked data supporting your processes and decisions, you can maximize your maritime assets.

Today and into the future, Vessel Insights is the intelligent choice for optimizing your fleet.