



## Enrich and simplify your vessel performance management system to unlock new value

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 CII regulations and proposed inclusion of shipping in carbon emission trading systems. 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 insights from our API, you can reach your business goals faster.

While ready-made SaaS-based vessel performance solutions are available, we are the only provider to deliver the core building blocks to create your own customized solution. Our Vessel Insights API eliminates worries over managing and maintaining multiple connections with numerous data sources, and it ensures the highest levels of data quality.

Vessel performance can easily be assessed, with or without data from your ships. Our API uses AIS data, our best-in-class weather and current data, and vessel digital twin models to calculate and provide key performance insights along the along the vessel's track. Autolog data and noon reports are also incorporated as they become available.

With our Vessel Insights API, you can:

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

Confidently make greener, data-driven decisions



[View Infographic](#)



## The information you need, when you need it

### Make reporting easier

Effortlessly 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 derived AIS track, and best-in-class hindcast weather data, 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 a GraphQL API, 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.

## The DTN advantage

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

Comply with all decarbonization regulations while maximizing fleet performance and profit. Our detailed, continuously updated and quality-checked data supports your processes and decisions, allowing you to maximize your maritime assets. Now and in the future, Vessel Insights API is the intelligent choice for optimizing the performance of your fleet.

[Learn more at www.dtn.com/mcs](http://www.dtn.com/mcs)