



The trusted data you need for every business case

OneOcean APIs: Integrated data
solutions enabling safer, smarter,
and more efficient voyages

Seamlessly integrate verified port, environmental, and navigation data for complete compliance

From startups to large businesses, limited resources make it hard to access advanced data solutions or build in-house expertise. Larger companies also face challenges with fragmented workflows and time-consuming processes. As a result, businesses miss out on opportunities to improve operations, reduce risks, and innovate.

Easily integrated data is essential for tackling unique and demanding business cases. Simplified access through your own system eliminates the frustration of managing multiple platforms.

OneOcean offers high-quality, trusted, and comprehensive data via **three customisable APIs – Ports, Environmental, and Navigation**. Our **Data Consultancy** service identifies the most relevant datasets and solutions to meet your specific needs.

Stay ahead of evolving environmental regulations, updated port information, and planned routes for all vessels in your fleet.

INTEGRATE

With the largest ship coverage in the industry, our data is consistent, reliable, and verified by a dedicated team of 20+ maritime professionals.

OneOcean APIs

Trusted data shaped to meet your unique needs

OneOcean APIs deliver the latest port information and requirements, a summary of environmental regulations specific to each location, and access to planned routes for all vessels in your fleet, offering clarity and ease for each voyage.



Ports API

Access detailed port data, including terminal locations, number of vessels at port, and berth availability. Reduce delays and optimise scheduling and operations with regularly updated insights.



Environmental API

Ensure compliance with evolving regulations across 500+ ecozones. Plan voyages and waste management with precision using verified environmental data.



Navigation API

Improve passage planning with regularly updated and historical route data. Evaluate and optimise fleet performance seamlessly.

Ports API

Prepare to dock with the port data you need

Accessing accurate, regularly updated, and comprehensive port data can be challenging and costly for maritime companies. Our **Ports API** simplifies this with expert-verified, up-to-date information on port dimensions, cargo types, and regulations. Easy to integrate, it ensures compliance, reduces inefficiencies, and helps businesses save time and money.

By integrating this regularly updated data into your systems, you can make faster, smarter decisions, improve planning, and maintain compliance. A single source of consolidated data eliminates inefficiencies, enabling teams to focus on key challenges while fostering collaboration through unified, accurate information. Ready-made APIs remove the need for multiple tools, freeing resources for customer-focused work. Regular updates ensure data remains reliable and minimise manual effort, with each dataset expertly verified to save time and enhance accuracy.

Benefits

- **Consolidate** port information from multiple sources
- **Optimise schedules** with regularly updated port insights
- **Identify safe harbours** during emergencies to ensure safety
- **Get clarity on procedures** for smoother port entry and departure

Highlights

- **Verified and regularly updated data** from over 3,100+ ports worldwide
- **Port diagrams** to visualise facilities layout before arrival
- **Quick integration** with existing systems, fully compliant with global API standards
- **Datasets** maintained by former mariners

Environmental API Effortlessly outsmart ever-changing regulations and environmental complexities

As environmental regulations in the maritime industry grow increasingly complex and stricter, companies face significant challenges in staying compliant with both local and international laws. The difficulty lies in managing a wide range of environmental zones, waste management protocols, and sustainability standards, which vary across different regions.

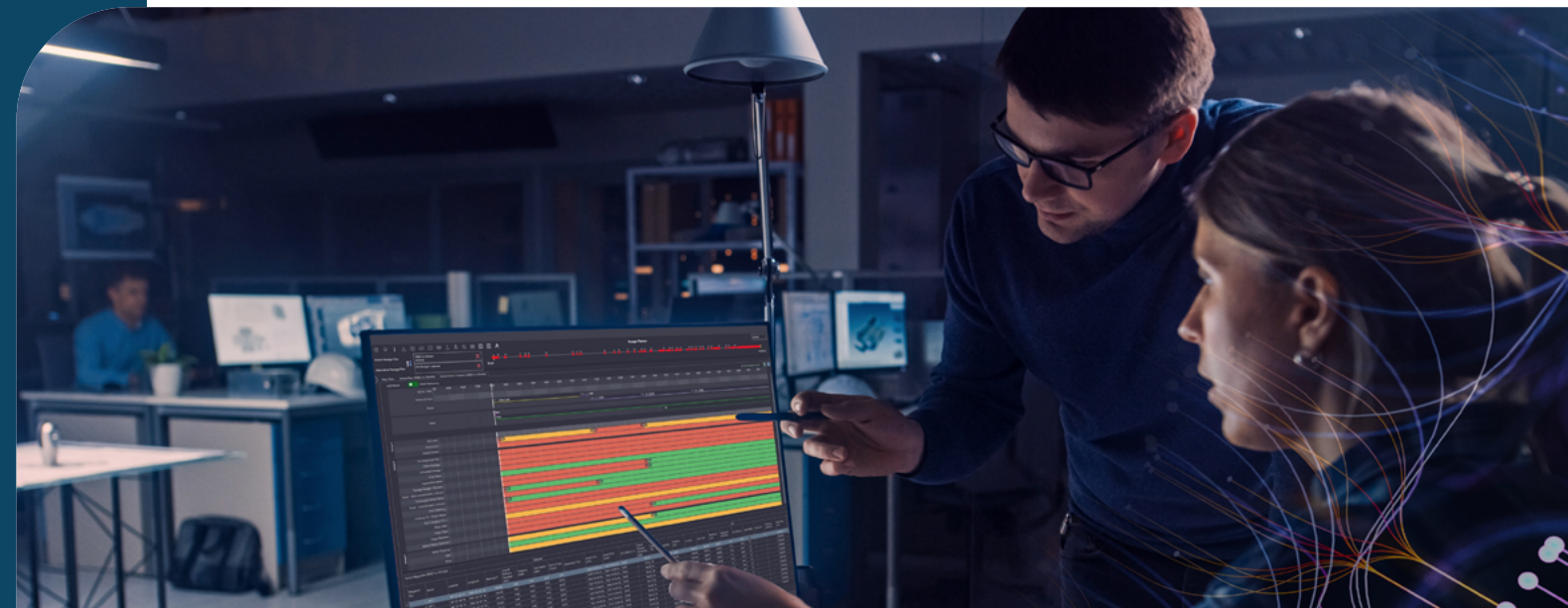
Keeping track of evolving regulations and fragmented environmental data creates inefficiencies and compliance risks. Our **Environmental API** simplify these processes by delivering regularly updated data, reducing reliance on multiple sources, and improving visibility over waste management practices across fleets. With automation, businesses can save time, minimise legal risks, and adapt effortlessly to regulatory changes, enhancing both efficiency and decision-making.

Benefits

- **Ease** compliance with simplified environmental regulations
- **Access** comprehensive worldwide regulation data at sea
- **Identify** and understand different waste streams
- **Plan** efficient, compliant waste management along a route
- **Use** visual displays that simplify complex, overlapping jurisdictions
- **Select** feature, location, or vessel-specific data

Highlights

- **Regularly updated** regulation data for 500+ ecozones
- **Quick integration** with existing systems, fully compliant with global API standards
- **Reliable and accurate datasets** maintained by maritime experts
- **Customised frequency** and depth of data to support each business case



Navigation API

Track it, rework it, perfect it: **ultimate route optimisation starts here**

Accurate, regularly updated navigation data is essential for maritime companies to ensure efficient and compliant passage planning. Without integrated, up-to-date insights, companies face challenges such as route replanning, delays, and missed opportunities to optimise fleet performance.

Fragmented navigation data and a lack of integration make efficient voyage planning difficult, increasing costs and hindering operational optimisation.

Our **Navigation API** addresses these challenges by enabling shoreside teams to monitor active passage plans, track adjustments, and ensure compliance with intended routes. It helps review historical planned passages and compare planned versus executed routes to improve situational awareness, decision-making, and operational efficiency.

Benefits

- **Access** all planned routes for your fleet
- **Monitor** changes on planned routes (and routes in progress)
- **View** historical planned routes
- **Analyse** planned versus executed routes
- **Retrieve** data to run vessel performance analysis
- **Implement** custom alerts for specific route conditions

Highlights

- **Historical and regularly updated** route data analysis
- **Quick integration** with existing systems, fully compliant with global API standards
- **Range of plans and incremental functionality** to support each business case
- **No additional hardware and software needed** beyond the Platform onboard
- **Independent** from the ECDIS vendor used onboard

OneOcean Data Consultancy

Stop drowning in data.

Get expert consultancy.

Access to the right data provides the critical insights needed to make voyages not only safe, sustainable, and compliant, but also profitable. Informed decision-making for each vessel in your fleet requires contextualised information from all available datapoints. However, the sheer breadth and volume of data can make it difficult to identify the right data to enable the right decisions to be made.

With our Data Consultancy services, you have the guidance and expertise of OneOcean to identify the datasets most relevant to your fleet and regions of operation. Making your insights fit for purpose and your voyages safe, sustainable, and compliant.

By working together and understanding what you want to achieve, we can advise and customise solutions to your specific needs – ensuring you get meaningful outcomes from your data.

With the largest coverage of vessels in the industry, our data is comprehensive, consistent, high-quality, and trusted. OneOcean data powers systems across the maritime industry.

Benefits

- **Extract** meaning from data with guidance from our experts
- **Access** out-of-reach data for more confident decision-making
- **Glean** richer context and insights with on-screen dataset overlays

Highlights

- **Expertise** in addressing fleet-specific or regional challenges – we advise on and customise solutions to meet your specific needs
- **Adaptable solutions** based on your unique business needs that can be easily embedded into your existing systems to create a single source of truth
- **High-quality OneOcean data** is trusted by the maritime industry

Why choose OneOcean APIs?

Ports API

Access detailed port data, including terminal locations, number of vessels at port, and berth availability. Reduce delays and optimise scheduling and operations with regularly updated insights.

Environmental API

Ensure compliance with evolving regulations across 500+ ecozones. Plan voyages and waste management with precision using verified environmental data.

Navigation API

Improve passage planning with regularly updated and expert-validated historical route data. Evaluate and optimise fleet performance seamlessly.

Data Consultancy

Customise data solutions to fit your needs with expert guidance. Simplify integration and maximise the value of your data.

Empower

your business to succeed

Make the most of trusted, up-to-date maritime data with **OneOcean APIs** and **Data Consultancy** to optimise operations, reduce costs, stay ahead of regulations, and address unique business challenges at sea.



API Suite OneOcean
enquiries@oneocean.com
oneocean.com/integrate

