OneOcean LR

Integrate

INTEGRATE

Navigation API

Environmental API

Ports API

Data Consultancy

Power systems across the maritime industry to forge a cleaner, safer path into the future

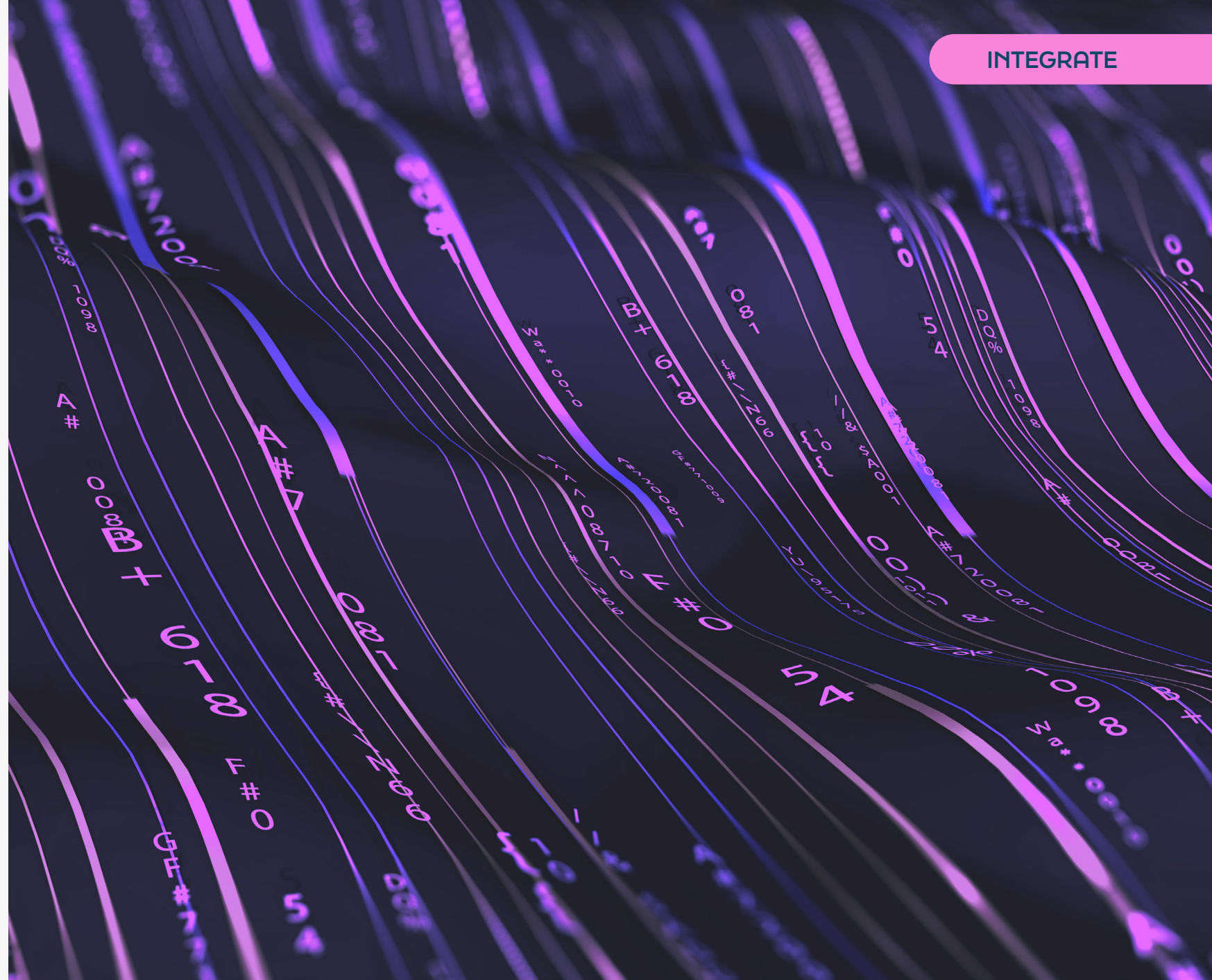# The insights you need for more efficient voyages

Whether at sea or ashore, the right data helps make voyages safer, more sustainable, continuously compliant, predictable, and profitable. It helps mitigate the risk of environmental disasters, fines, or damage to ships.

Data integrations can connect relevant information to the right people or systems at the right time.

OneOcean Integrate provides high-quality, relevant, real-time, and previously out-of-reach data via three flexible **API solutions**. Plus, our **Data Consultancy** helps identify the relevant datasets and solutions to address your specific challenges.

Stay up to date with changing regulations, maps, certifications, and other requirements needed to navigate from port to port.

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

Data shaped to your needs with OneOcean Integrate

API solutions provide access to planned routes for all vessels in your fleet, a summary of environmental regulations in force at specific locations, and the latest port information and requirements, providing clarity and ease for each voyage.

Navigation API

Access all passage data, including historical planned passages, and monitor changes on planned routes, for successful management of voyages.

Environmental API

Gain real-time access to worldwide environmental regulations in one place – helping you remain compliant and operationalise your own environmental standards.

Ports API

Integrates into existing business systems for instant access to the latest worldwide port information, including maps, certification requirements and regulations.

Navigation API
Better connecting your data

Having timely access to the right information is vital for efficient and compliant passage planning. Our **Navigation API** easily integrates with your external fleet management systems to provide the insights needed to plan and manage successful voyages.

It offers an easy way to access previously out-of-reach data, helping to support route planning with features that allow you to monitor and analyse passage plans. This includes reviewing historical planned passages or comparing planned versus executed routes.

Access is tiered to different functions and levels of detail, allowing teams to seamlessly import planned routes into shoreside dashboards, overlay metrics along a plan, and more.

Benefits

Ease of access to all planned routes for your fleet

Monitor changes on planned routes and routes in progress

Gain access to historical planned routes

Analyse planned verses executed routes

Access data to run vessel performance analysis

Implement custom alerts for specific route conditions

Highlights

Rich and up-to-date data sets, maintained by dedicated experts, online and live

Quick integration with existing systems, fully compliant with OpenAPI 3.0 for ease

Range of plans and incremental functionality to support each business case

No additional hardware or software needed beyond the Platform onboard

Independent from the ECDIS vendor used onboard

Environmental API

A simple integration for environmental compliance

In a move to reduce maritime's environmental impact, industry regulations and minimum requirements are constantly evolving – and so are your own fleet standards.

The **Environmental API** easily integrates into your existing business systems, giving real-time access to worldwide environmental regulations through one simple interface.

Using a real-time query model, our API retrieves environmental regulations in force at specific locations or along a route of passage. It lets you access a clear and concise summary of regulations at coordinates or produce an estimated time-series of events from route information.

You select the depth of data you want to access by harnessing the power of our Environmental dataset in a fully customisable way. Allowing your teams to plan compliant operational events with peace of mind.

Benefits

Simplifies environmental regulations for ease of compliance

Provides comprehensive worldwide regulation data at sea

Identifies and understands different waste streams

Plans for efficient, compliant waste management along a route

Gives visual displays to simplify complex, overlapping jurisdictions

Select feature, location or vessel-specific data

Highlights

Rich and up-to-date data sets, maintained by dedicated experts

Quick integration with existing systems, fully compliant with OpenAPI 3.0 for ease

Range of incremental functionality to support each business case

Customised frequency and depth of data

Ports API
Providing the data to improve operational planning

Locating all the information needed for arrival and docking is a time-consuming but essential process. Knowing the port-specific regulations, what documentation is required and where key facilities are located, all helps smooth the voyage and remove the risk of costly fines or penalties.

Integrating the **Ports API** into existing business systems provides instant access to the latest worldwide harbour information, including maps, certification requirements and regulations. Drawing on our established connections with ports, OneOcean^LR's team of experts maintain this database of information and ensure it's always up to date.

Benefits

Consolidates port information from disparate sources

Provides clarity on arrival procedures

Supports smoother port entry and departure

Delivers data to identify safe harbours in an emergency

Highlights

Port diagrams to understand facilities layout before arrival

Data integration into existing systems

Identifies specific ports or criteria types

Rich and up-to-date datasets, maintained by dedicated experts

Data Consultancy

Find the right APIs to support your voyage decision-making

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[LR] 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[LR] 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

Overlaying datasets from our APIs on screen provides richer context and greater data interrogation

Highlights

We advise on and customise solutions to overcome your specific challenges

Interoperable APIs can be embedded into existing systems to create a single source of information

High-quality OneOcean[LR] data is trusted by the maritime industry

Navigation API

Connect all your passage data and plan routes with ease.

Environmental API

Stay informed, compliant and mitigate your environmental impact.

Ports API

Discover how to make your port entries and departures seamless.

Data Consultancy

Get the data you need for better voyage decision-making.

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