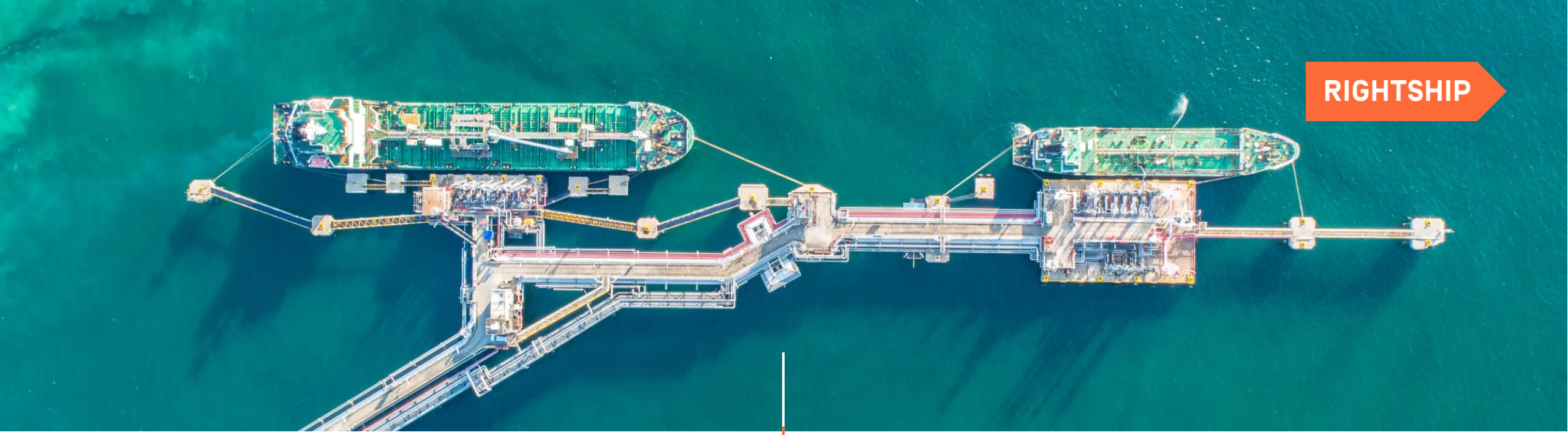


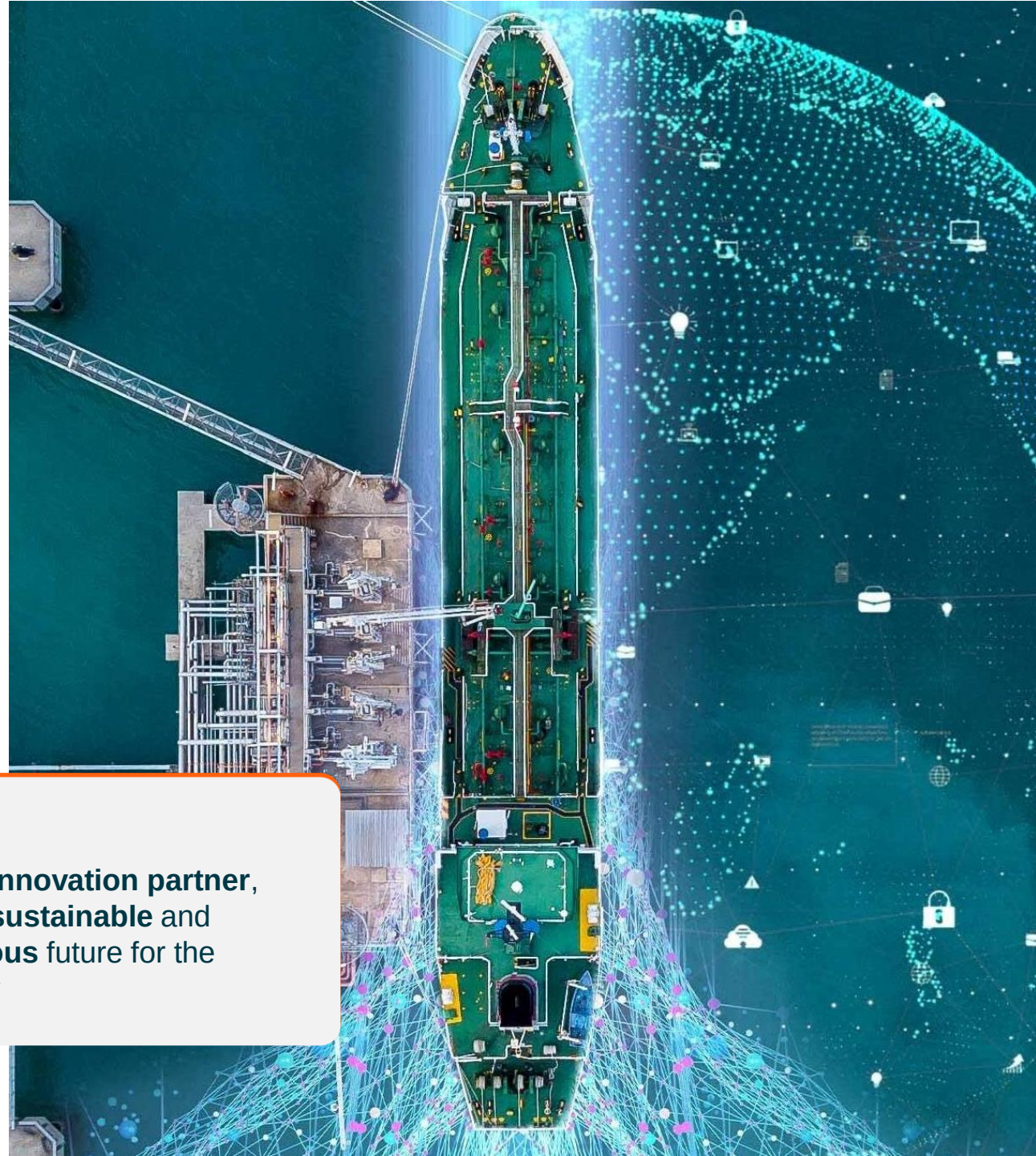
Managing risk and reducing incidents through information sharing

by RightShip

Who is RightShip

Since 2001, RightShip has been the world's leading third party maritime due diligence organisation, providing expertise and transparency in safety, sustainability and social practices via digital platforms.

We bring together years of industry expertise with the output from analytics and large data sets to provide our safety and environmental scoring systems, recommendations and consultancy services.



Vision

A maritime industry that causes **zero harm**

Mission

To be a **trusted innovation partner**, charting a **safe, sustainable** and **socially conscious** future for the maritime industry

Our focus, core customers and users

RIGHTSHIP

- Ports
- Terminals
- Refineries

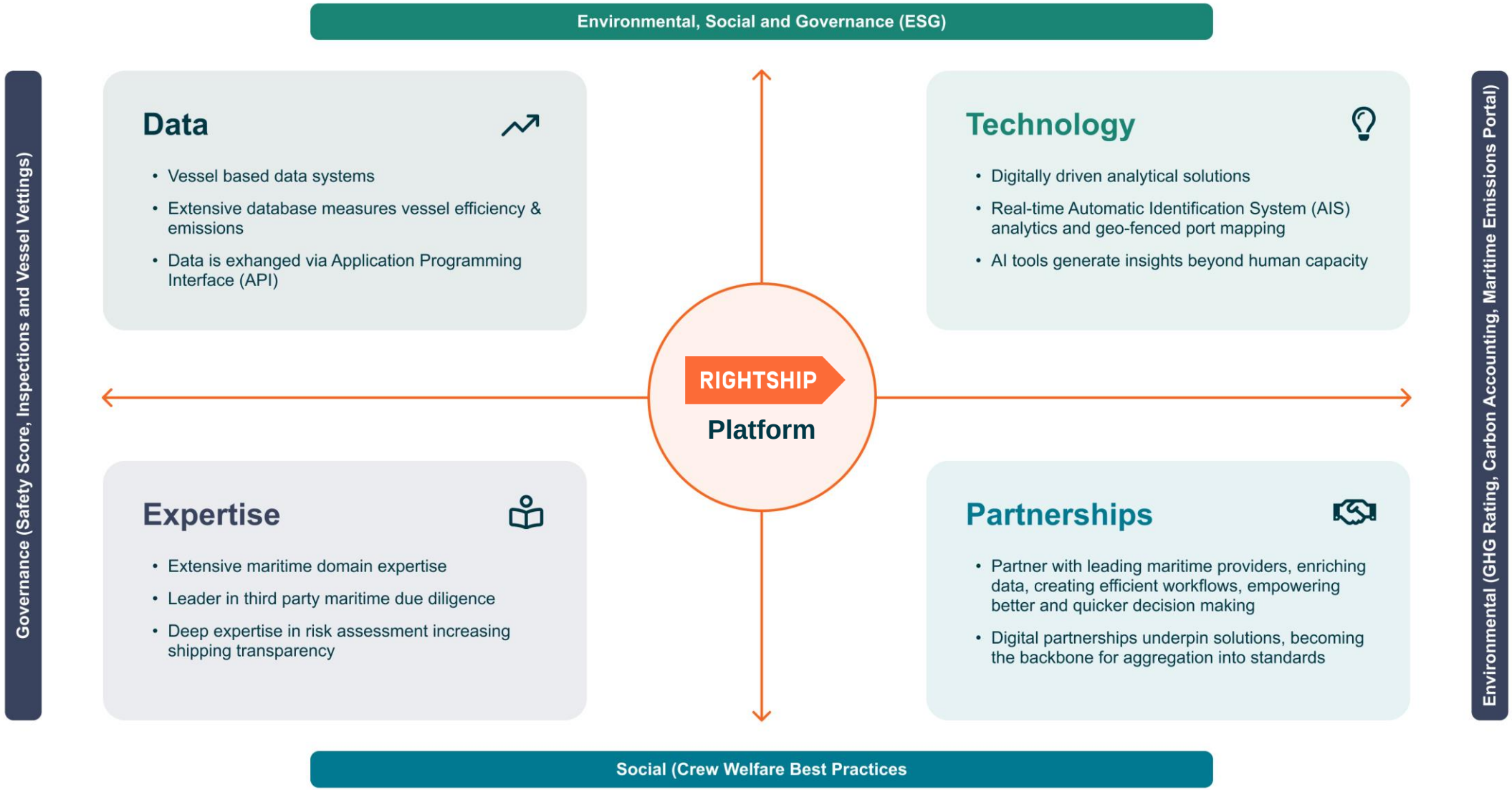
- Charterers
- Cargo Traders

- Ship Owners
- Ship Managers
- Ship Operators

- Insurance

- Finance
- Flag State
- Class Societies
- NGOs

The RightShip Ecosystem



We are powered by our Platform

The RightShip Platform accesses proprietary and third-party data to power the results of vessel vetting and inspections.

Over 200,000 vessels present across all ship types

101,500 Ratings

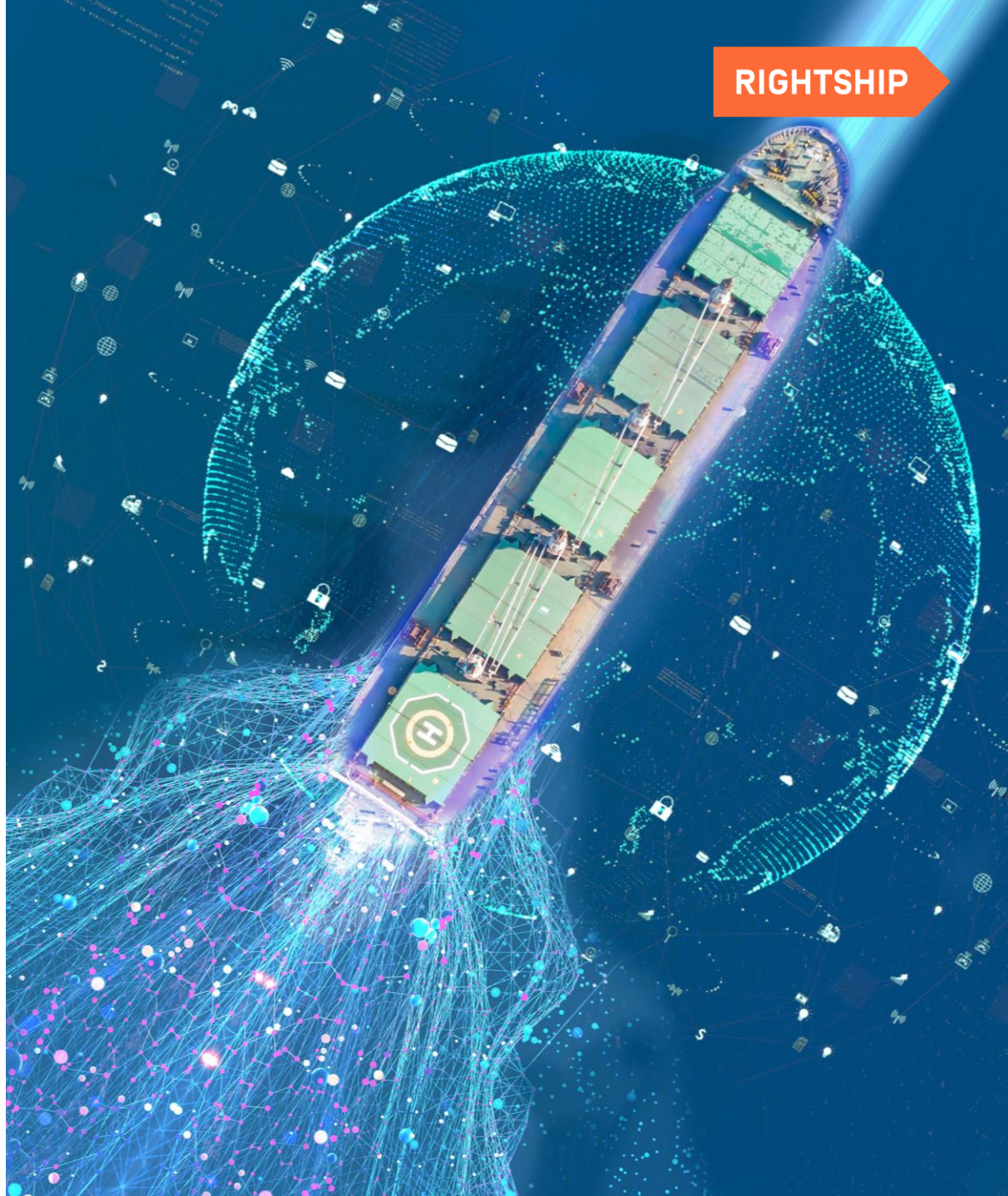
1,633,000 Port State Control Records

8,078 Companies

174,869 Incidents

36,547 Feedback Reports

14,954 RightShip Inspections



Products we offer on our platform

Ports & Terminals are facing unprecedented challenges..

50%

of global incidents occur within Port Limits

1,955

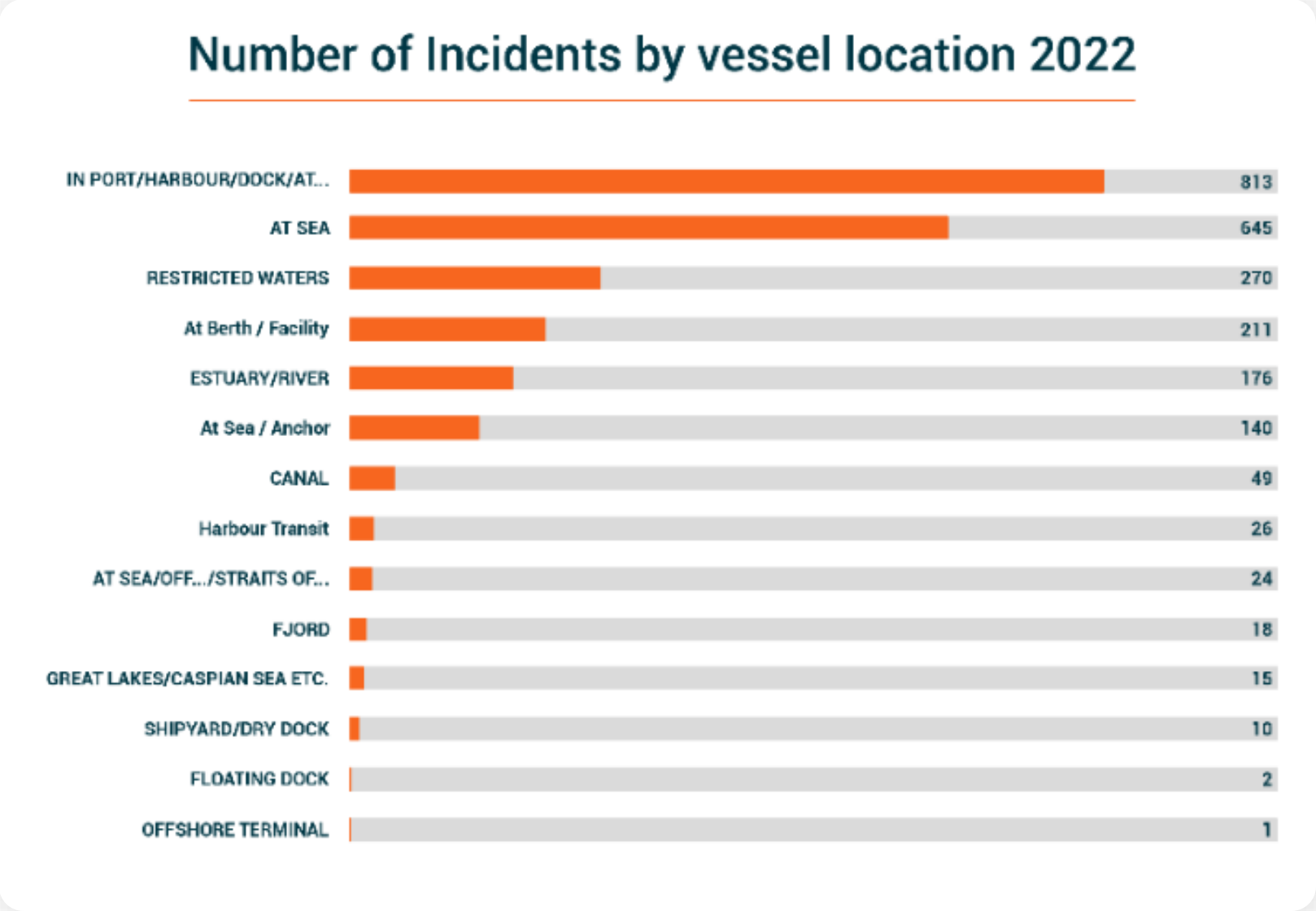
vessels were detained by PSC Authorities in 2022

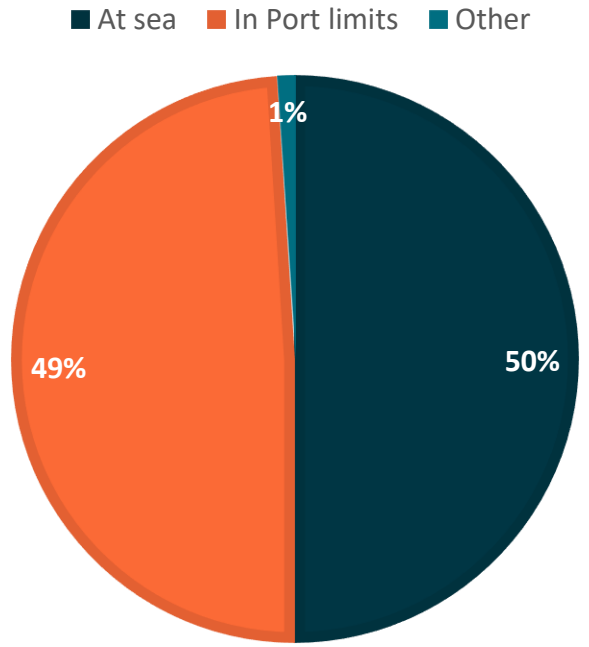
10,445

days of PSC detentions

Data shown above is based on RightShip platform database and may not represent all incidents occurred

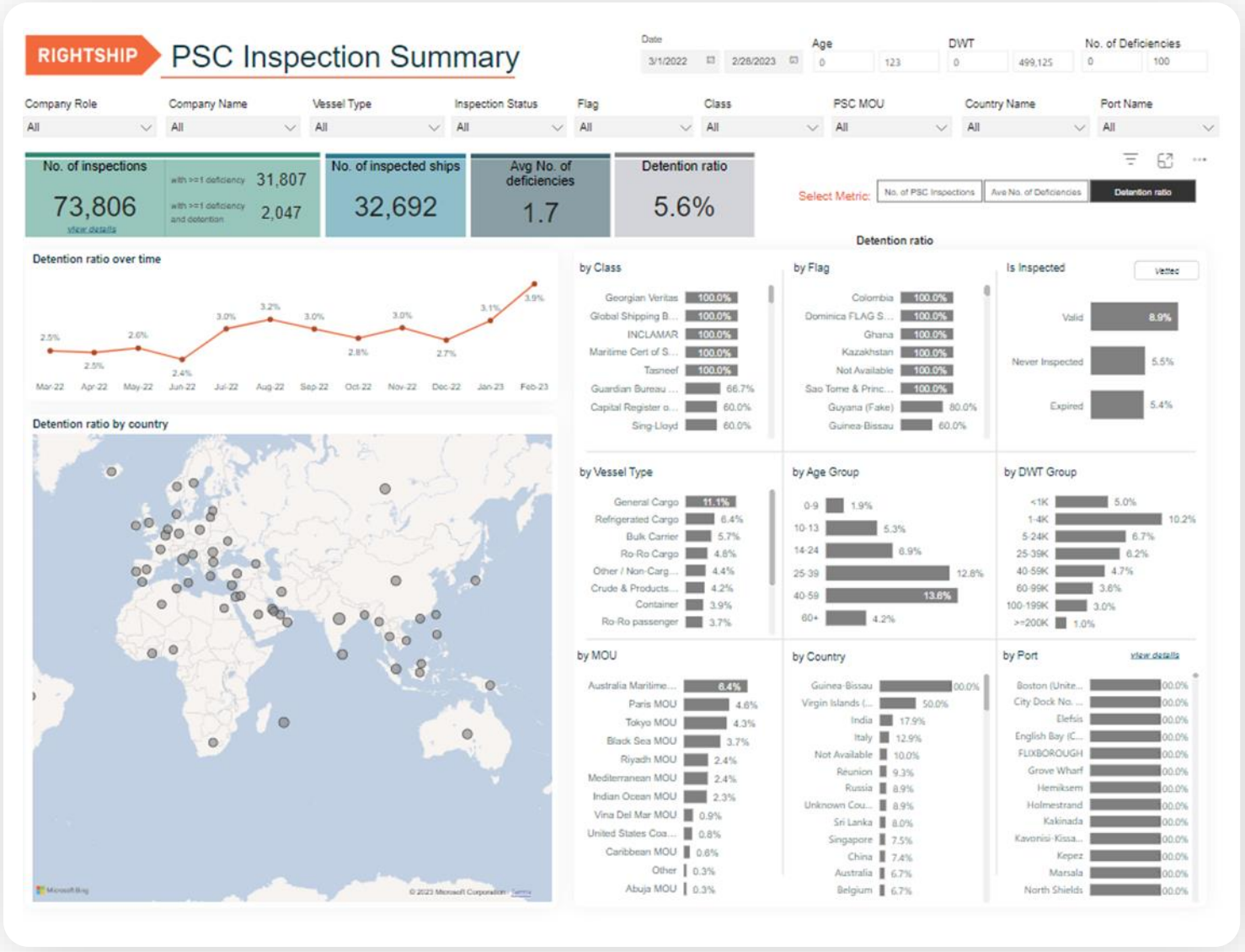
Incidents Summary - Location





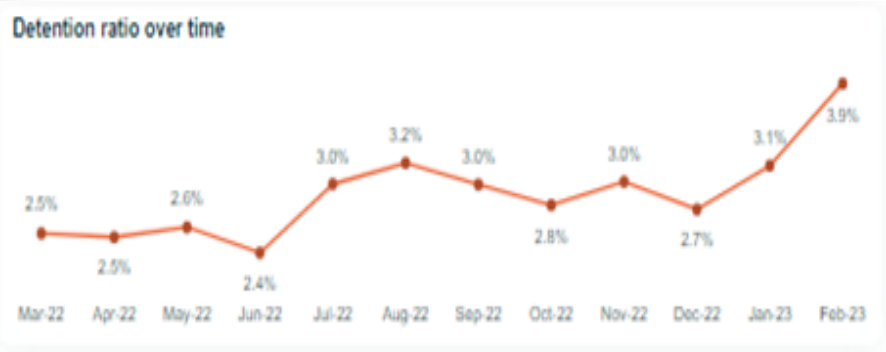
DATA SHOWN ABOVE IS BASED ON RIGHTSHIP PLATFORM DATABASE AND MAY NOT REPRESENT ALL INCIDENTS OCCURRED

Port State Control



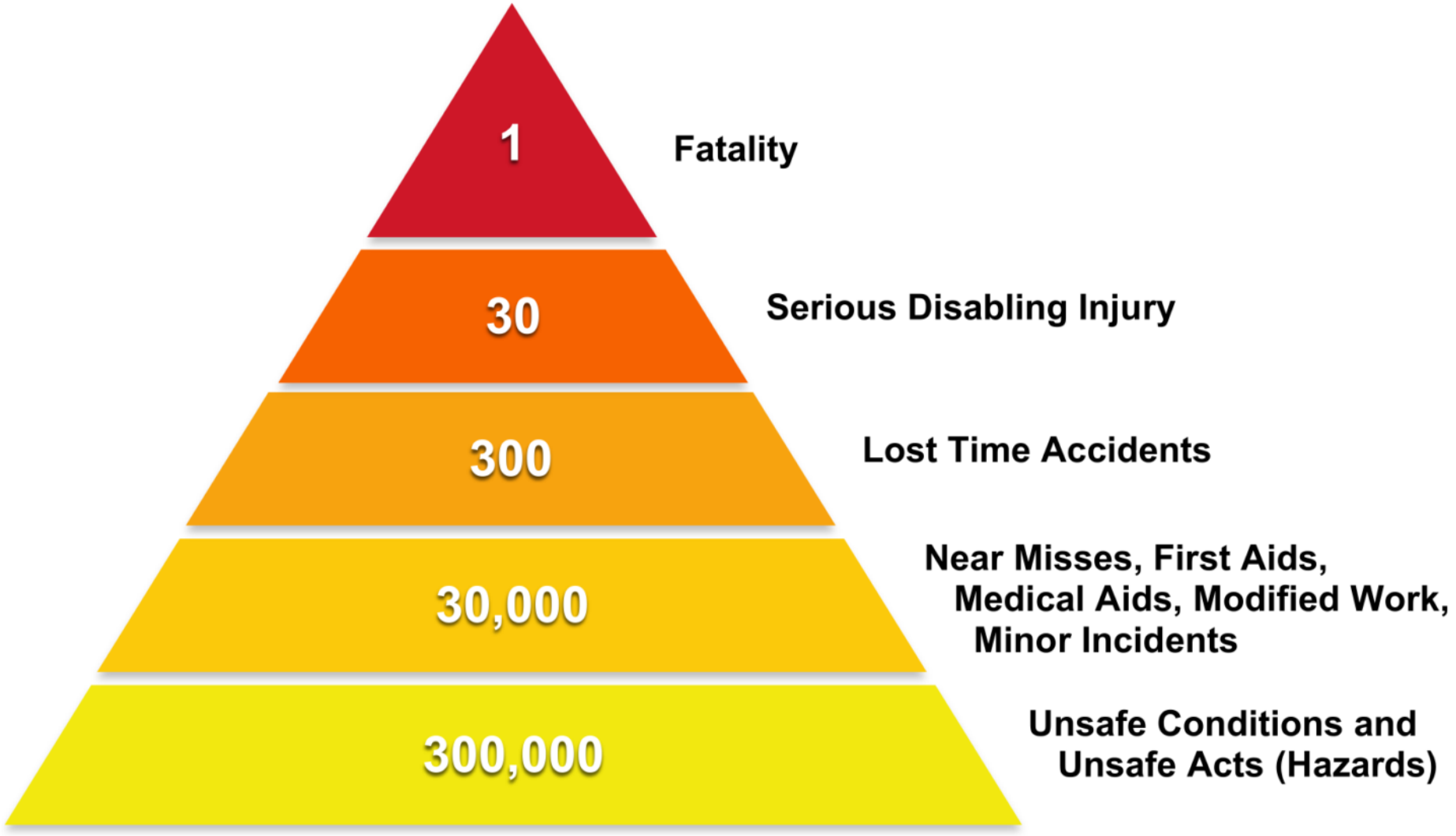
WORLDWIDE

73806	INSPECTIONS
32692	SHIPS INSPECTED
1.7	AVERAGE NO OF DEFICIENCIES
5.60%	DETENTION RATIO
10,445	DAYS OF DETENTIONS



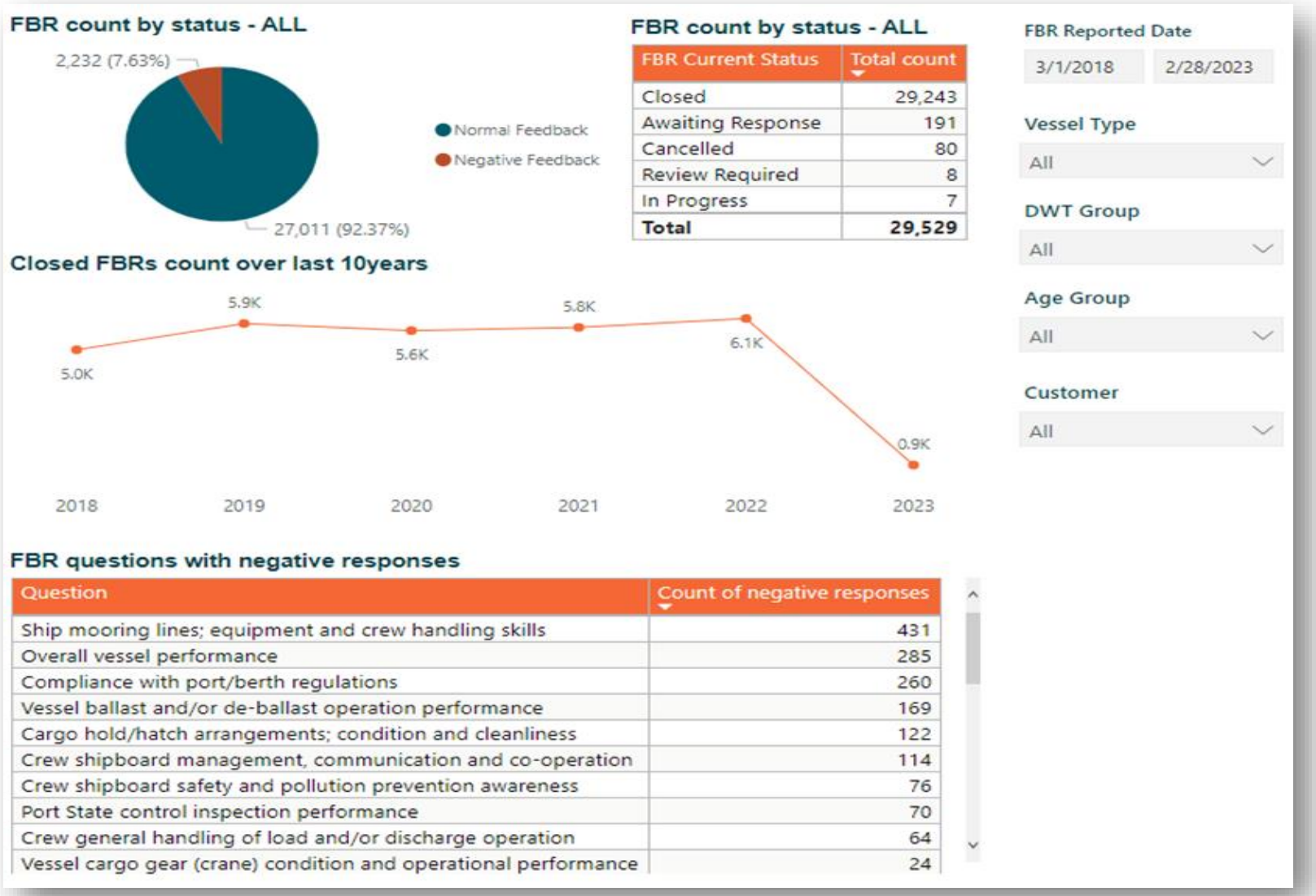
Near Miss Triangle

RIGHTSHIP



Source Uninison.io

Terminal Feed Back Reports



Understanding incoming risks is difficult and time-consuming

RIGHTSHIP

We are often presented with limited data to inform our decisions.

Which vessel exposes your port to the most amount of risk?

Vessel Type	Age	DWT	Class	Flag
Bulk Carrier	7.9	82,009	NKK	Greece
Bulk Carrier	13.3	82,094	NKK	Greece
Bulk Carrier	4.9	82,083	Lloyds	Marshal Islands

However, with the right product, risks start to become clearer

The first vessel, is in fact the area of concern

September 2022 | **Unloading at terminal** | **Fatality of stevedore**

Vessel Type	Age	DWT	Class	Operator	Safety Score	GHG Rating	DOC Score
Bulk Carrier	7.9	82,009	NKK	Greece	SAFETY SCORE 1/5 ⚠	GHG D Verified	DOC SUBSCORE 3/5
Bulk Carrier	13.3	82,094	NKK	Greece	SAFETY SCORE 5/5	GHG D+ Verified	DOC SUBSCORE 5/5
Bulk Carrier	4.9	82,083	Lloyds	Marshal Islands	SAFETY SCORE 5/5 ⚠	GHG C Verified	DOC SUBSCORE 5/5

Why PortRISK?

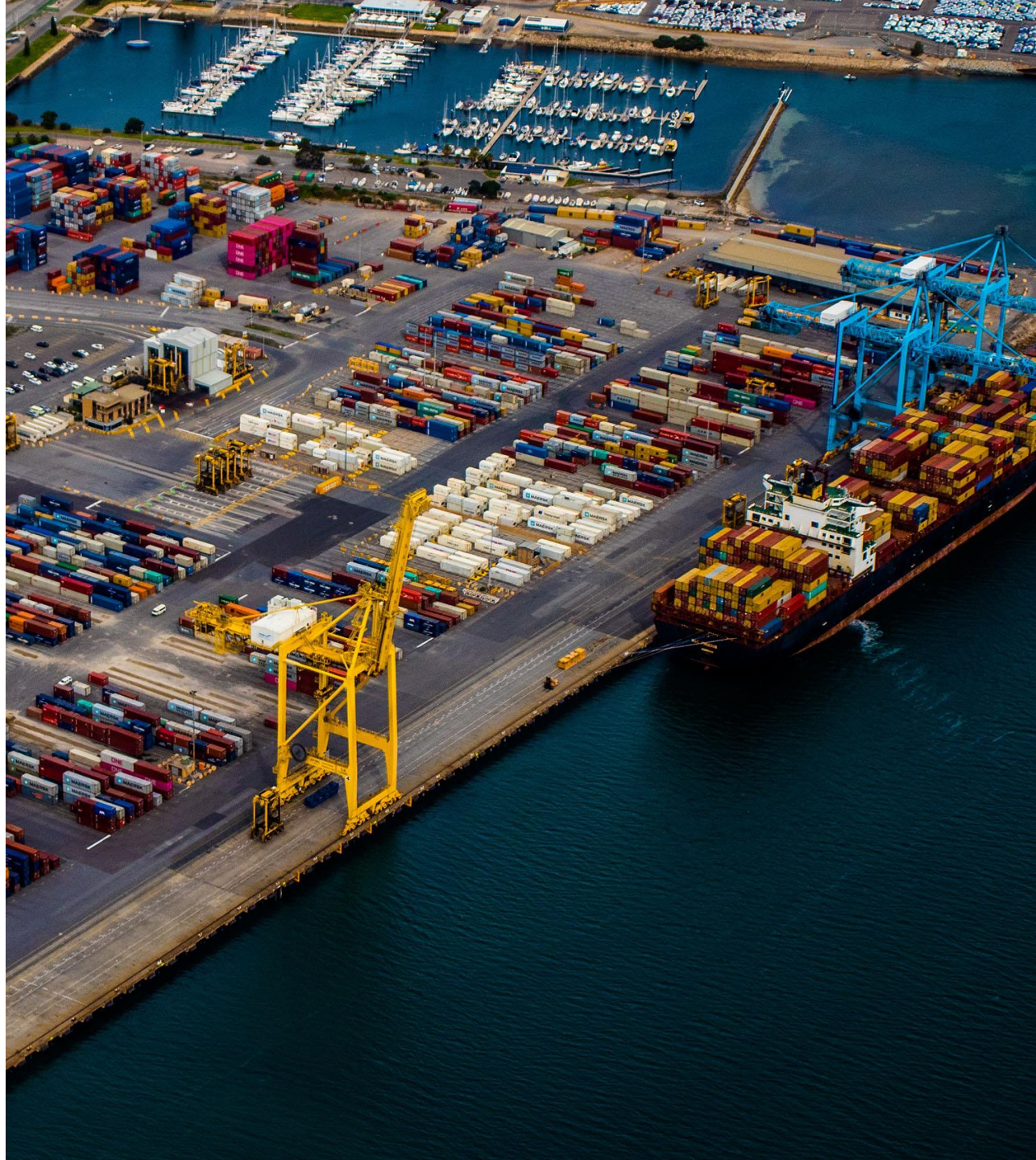
Only by understanding where we stand today can we chart a course for a Zero Harm Maritime industry

Introducing PortRISK

Empowering Port and Terminal Risk Management

PortRISK, a cutting-edge, **automated Risk Management Solution** tailored specifically for Ports & Terminals, revolutionizes the way you navigate the challenges of **vessel pre arrival preparations**.

Our advanced system seamlessly **screens** every inbound **vessel**, prioritizing the **risks** that matter most to you, ranging from pilot ladder concerns to propulsion risks. With PortRISK, you can rest assured knowing that we have you covered.



How PortRISK works for you…

- ✓ **Automatically** screens inbound vessels for specific risks that matter most to you.
- ✓ Consolidates **risk analysis** into a simple Low, Medium, High Vessel risk outcome so you're informed of what's important
- ✓ Eliminates the need for manual vessel research and **reduces risks** of delays, detentions, and reduced throughput.
- ✓ Empowers **proactive risk management** and enhances **operational efficiency.**
- ✓ Facilitates easy **sharing of information** and experience among ports.
- ✓ Puts you on the front foot, ensuring a **safer** and more **efficient** port experience.

Comprehensive Risk Coverage

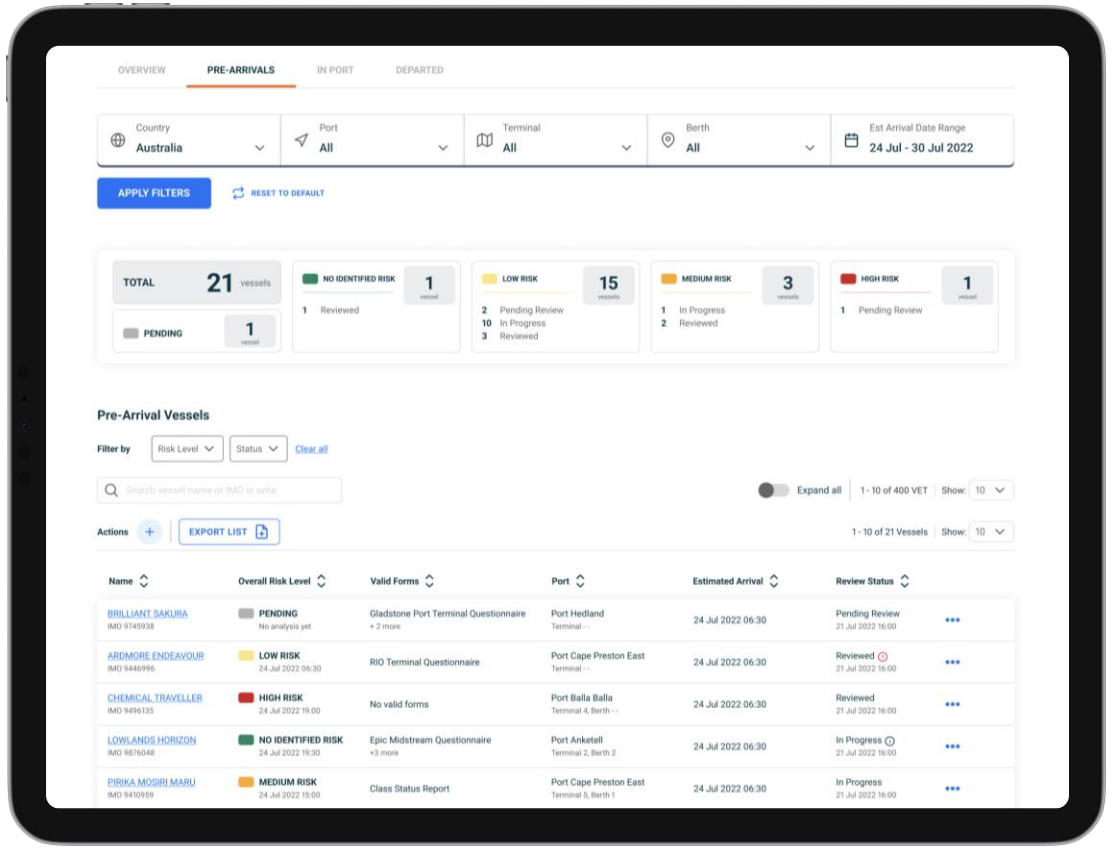
RIGHTSHIP

PortRISK covers 19 RISK areas, each of which has a number of specific risks that are auto screened to determine risks that matter to you. We provide a baseline of rules you can use or you can select what matter most to you and your port operations.

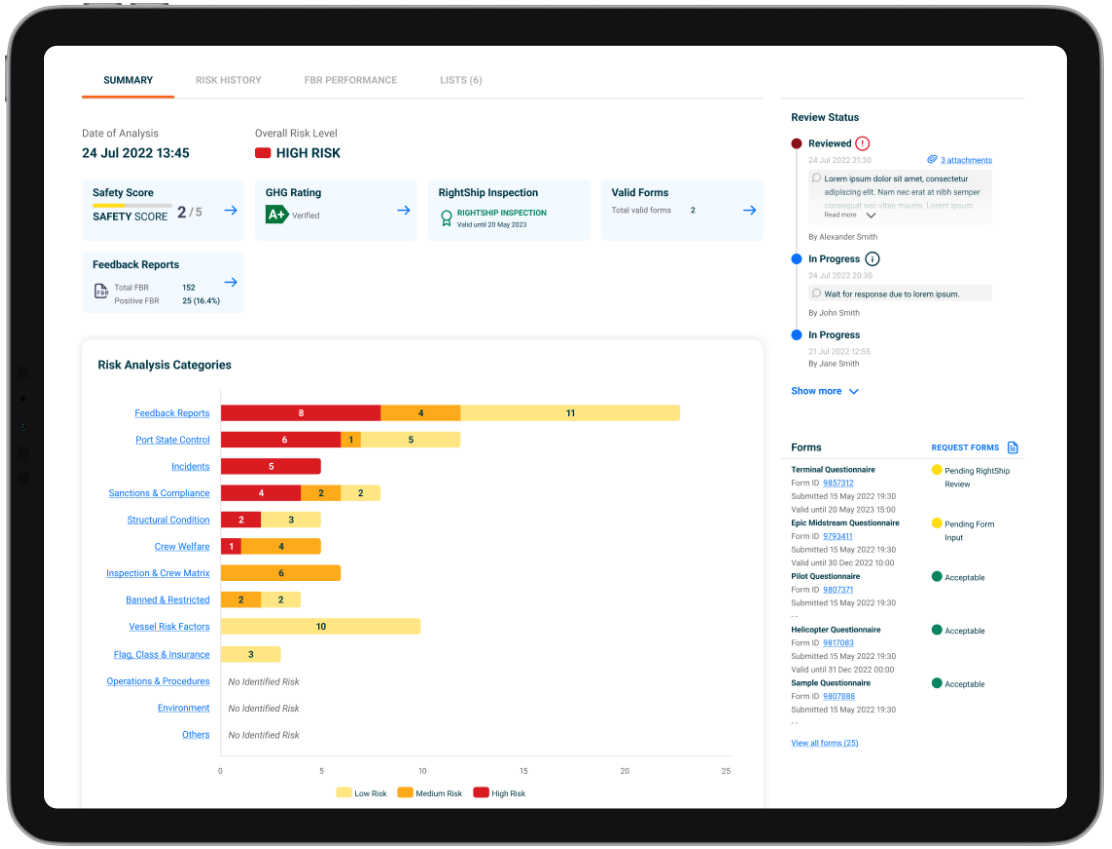
- Mooring & Berthing Risk
- Pilotage Risk
- Machinery Risk
- Detention Risk
- Navigation Risk
- Safety Risk
- Improper Maintenance Risk
- Competency Risk
- Financial Risk
- Conditions of Class Risk
- Environmental Risk
- Water Pollution Risk
- Noise Pollution Risk
- Air Pollution Risk
- Crew Risk
- Dangerous Goods Risk
- Security Risk
- Cargo Operations Risk
- Unknown Vessel Quality Risk

With PortRISK, you get the full picture of risks entering your port

Risk overview of all pre arriving vessels



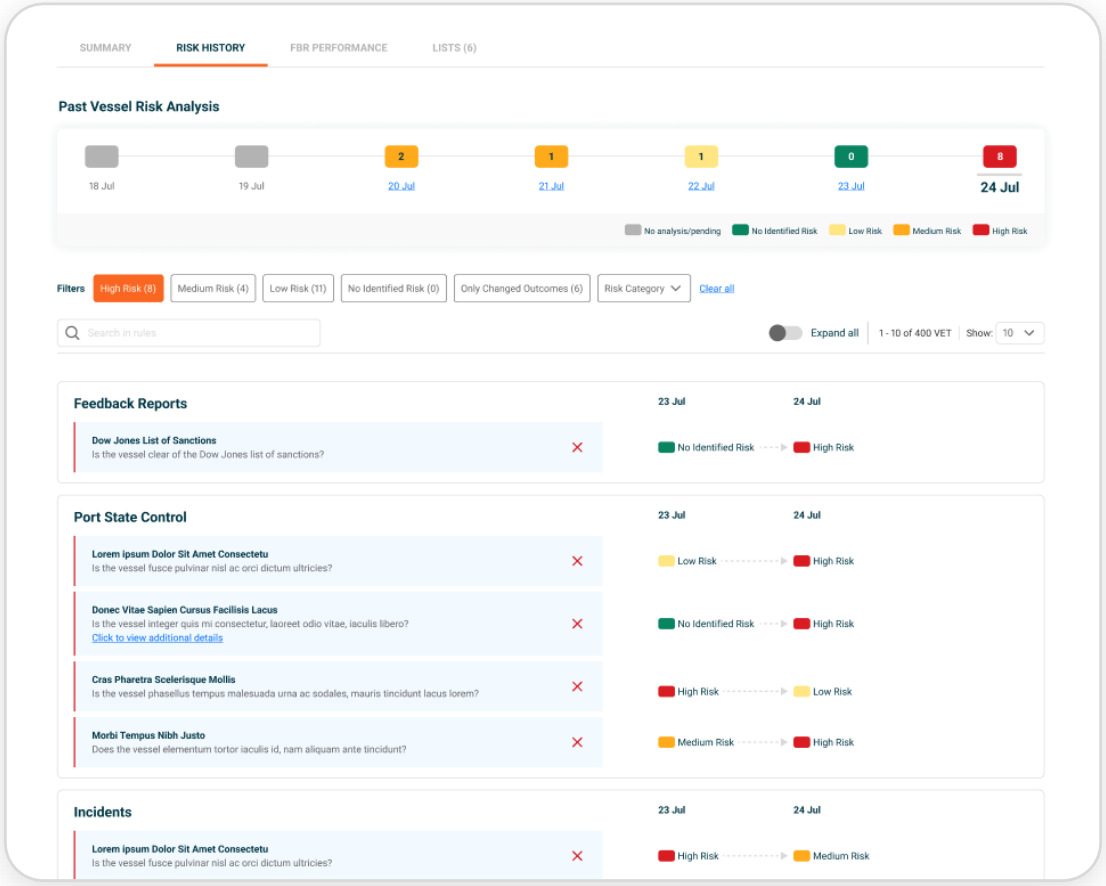
Risk details for each vessel



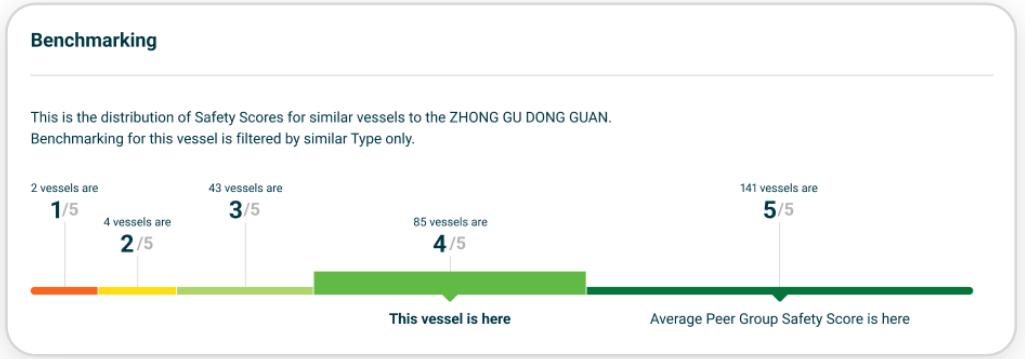
With PortRISK, you get the full picture of risks entering your port

RIGHTSHIP

Historical Risk Analysis



Benchmarking Vs Similar Vessels

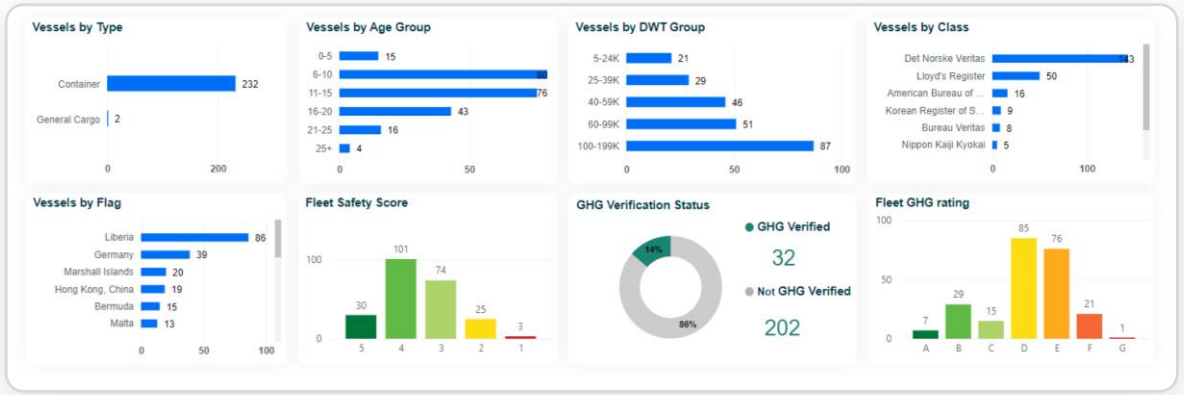


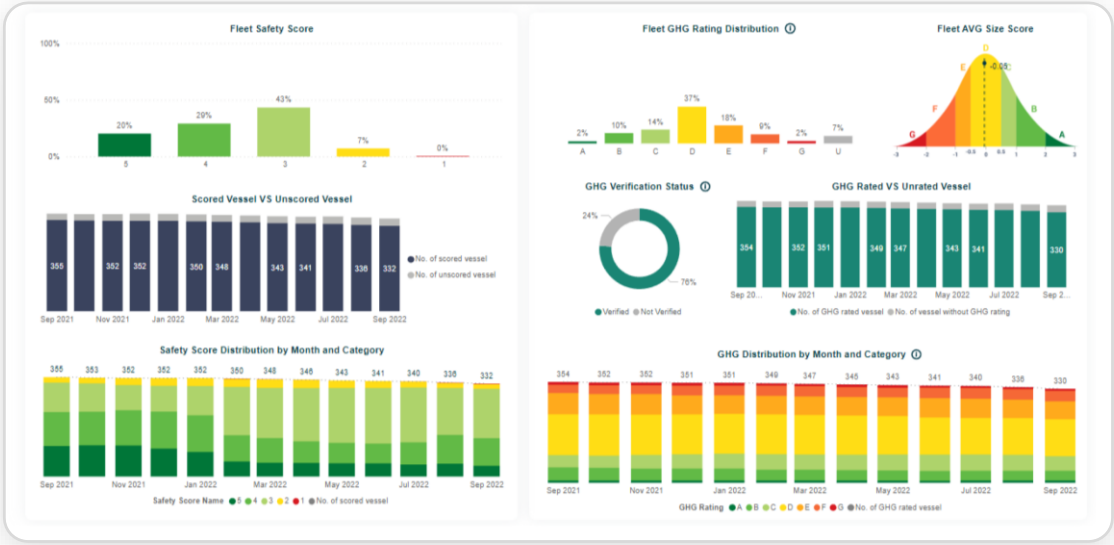
Deep Dive History of Vessels

With PortRISK, you get the full picture of risks entering your port

RIGHTSHIP

Management Company Analysis & Fleet Performance





Information sharing is key to successful risk management

RIGHTSHIP

The pilot ladder was not compliant – we must remember that next time.

A

B

I wish I knew about the pilot ladder issues so I could have prepared our pilots. The vessel also had mechanical issues - sigh!

TODAY

In hindsight, I would have sent 2 tugs and ensured a daylight arrival – but how was I supposed to know?

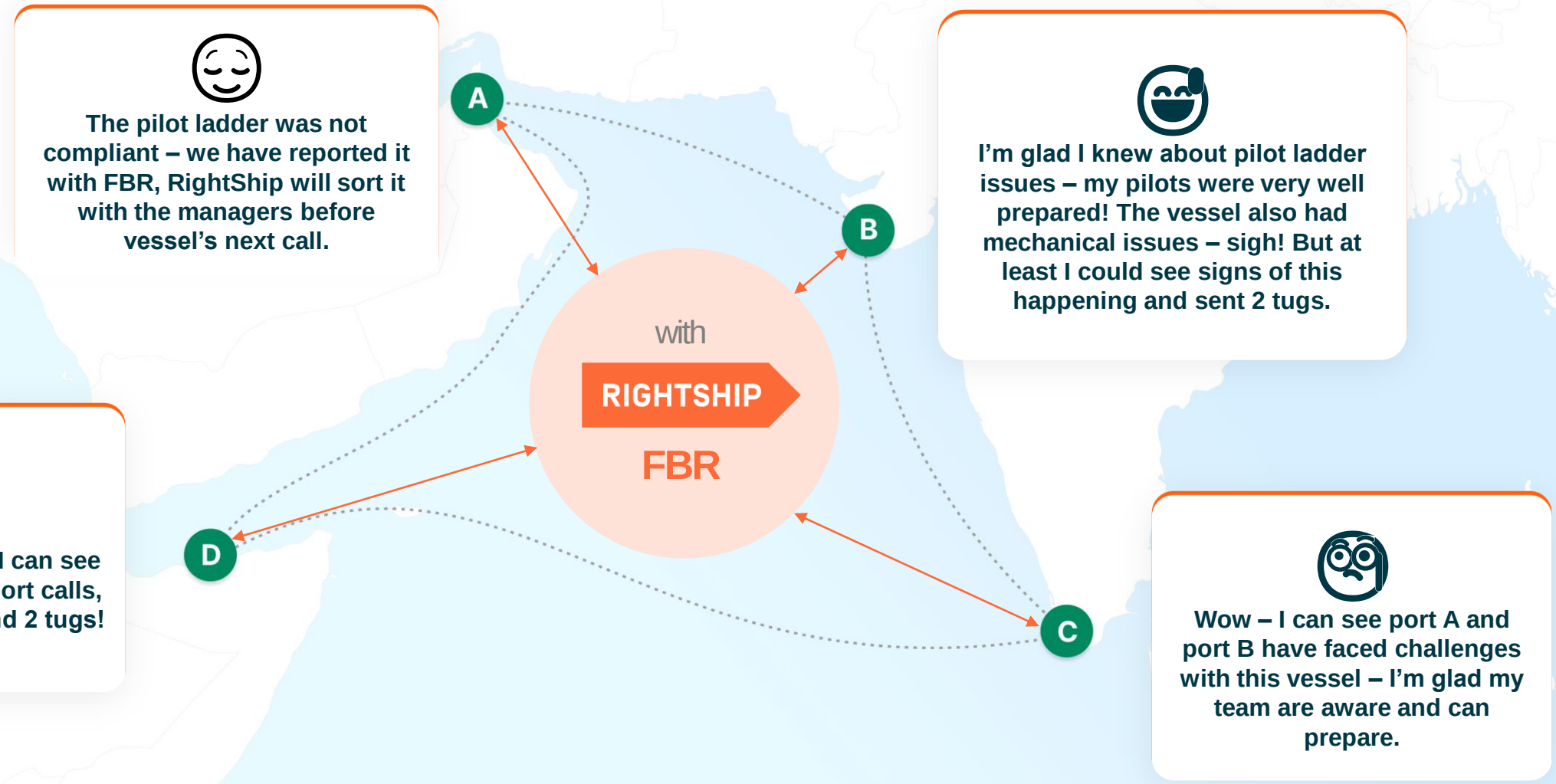
D

C

I'm not sure about this incoming vessel – I wish I knew what port B experienced.

Information sharing is key to successful risk management

RIGHTSHIP



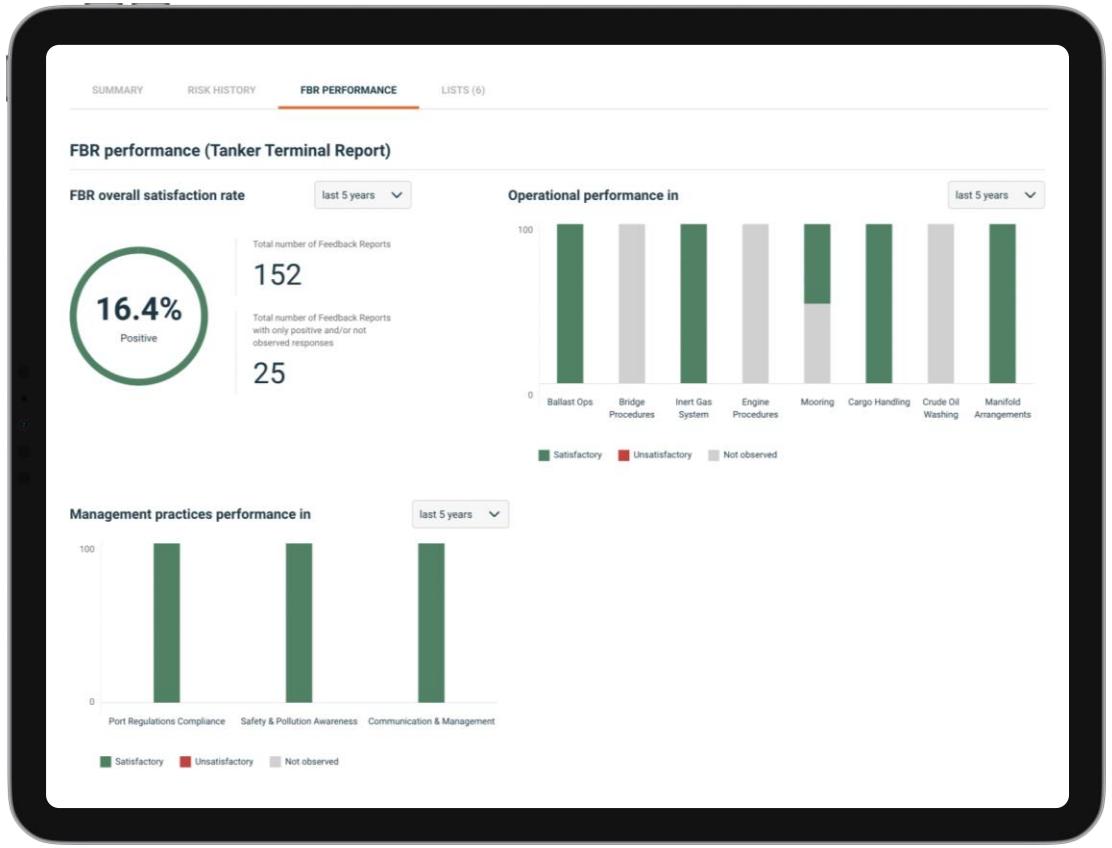
The pilot ladder was not compliant – we have reported it with FBR, RightShip will sort it with the managers before vessel's next call.

I'm glad I knew about pilot ladder issues – my pilots were very well prepared! The vessel also had mechanical issues – sigh! But at least I could see signs of this happening and sent 2 tugs.

Based on what I can see from previous port calls, I'm going to send 2 tugs!

Wow – I can see port A and port B have faced challenges with this vessel – I'm glad my team are aware and can prepare.

By Feedback Reporting



- Feedback Reports are an established reporting mechanism within the Port Risk module and is completed and submitted by ports for vessels calling at their port/ facility
- Allows ports to report, track, record and see at an easy glance a history of the operation performance of a vessel across key operational areas (e.g., mooring)
- Categories can be tailored to individual customers and augmented with notes for subsequent users either internally or externally to create a data sharing eco system.

Automate Information Requests

RIGHTSHIP

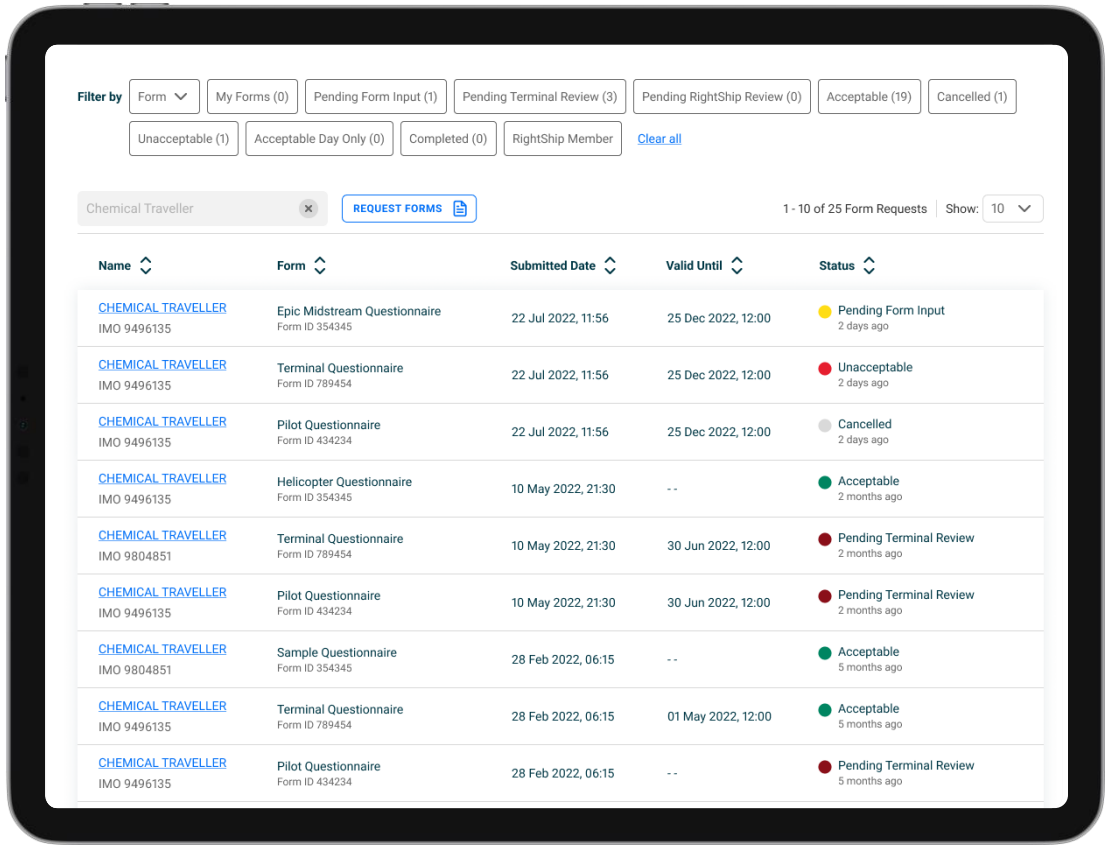
Your Challenge

- Manual requests for information - introducing risk of human error and delay
- Manual data sharing across Port stakeholders
- No central records and port wide reporting
- Zero visibility on status of information requests
- Manual review of information received

Our Solution

- Auto request information without human intervention
- Data is auto shared amongst Port stakeholders once received
- Full history of information required and deep dive reporting available
- Track the status of your information requests to reduce change of delay
- Auto review information received and improve accuracy and productivity

By Terminal Questionnaires and Forms



- An efficient way to auto request, store and access to forms like berth fit questionnaires.
- Ports and Terminals can utilize custom-made questionnaires to check vessel's suitability on dimensions, technical and operational parameters.
- Forget long email chains, pdf's and excels and leverage automated information gathering & ability to analyze trends and data at ease.

To summarize…

RIGHTSHIP

The Problem

- Incident and PSC detention statistics clearly indicate that Ports are Terminals are facing **increased risks** due to vessels calling
- There aren’t adequate **mechanisms** and **risk evaluation** models within the port and terminal space for ports and terminals to have the **visibility**, foresight of the operational risks of vessels due to call at their port or terminal.
- There isn’t a common and useful platform to record and **share information** on operational events, unfavourable conditions, or items that require greater awareness for other stakeholders

The Solution

- **Proactive** risk management, reducing incidents and detentions.
- Gain **visibility** and foresight for smooth operations.
- **Centralized** information sharing for effective collaboration.
- Efficient **communication**, timely actions to address risks.
- Learn from industry peers, foster **continuous improvement.**
- **Data-driven** decisions, optimized risk management.
- Strong regulatory compliance, **enhanced safety** and security.
- **Build reputation**, attract business opportunities.

With our solution, ports and terminals can proactively manage risks, promote collaboration, and create a safer and more efficient environment, ensuring long-term success

Summary

RIGHTSHIP

- **Proactive Risk Management:** Our solution enables ports and terminals to proactively identify and mitigate operational risks associated with vessel calls, reducing incidents and detentions.
- **Enhanced Visibility and Foresight:** Gain comprehensive visibility and foresight into vessel-related risks, empowering effective preventive measures and ensuring smooth operations.
- **Centralized Information Sharing:** Our platform provides a common space for recording and sharing operational events, unfavorable conditions, and important insights, fostering collaboration among stakeholders.
- **Improved Communication:** Facilitate transparent and efficient communication among port stakeholders, enabling timely actions to address risks and maintain operational efficiency.
- **Knowledge Exchange and Learning:** Learn from industry peers' experiences, fostering continuous improvement and best practices across ports and terminals.
- **Data-Driven Decision Making:** Leverage data analytics and reporting capabilities for informed decision making, identifying trends, implementing preventive measures, and optimizing risk management strategies.
- **Enhanced Reputation:** Build a strong reputation and trust among stakeholders by effectively managing risks, attracting more business opportunities and sustainable growth.

RIGHTSHIP

Request a PortRISK Demo

SCAN ME