

Data Services

Maritime Data and Analytics, tailored to you

Trusted. Complete. Accurate.



All the data you need, from one source

Big data is everywhere, no more so than in the maritime industry, and cutting through the sheer volume to get to the information you need can seem like a daunting task. It's easy to waste time collating, checking and organising data from different sources to get it in the right format to act on.

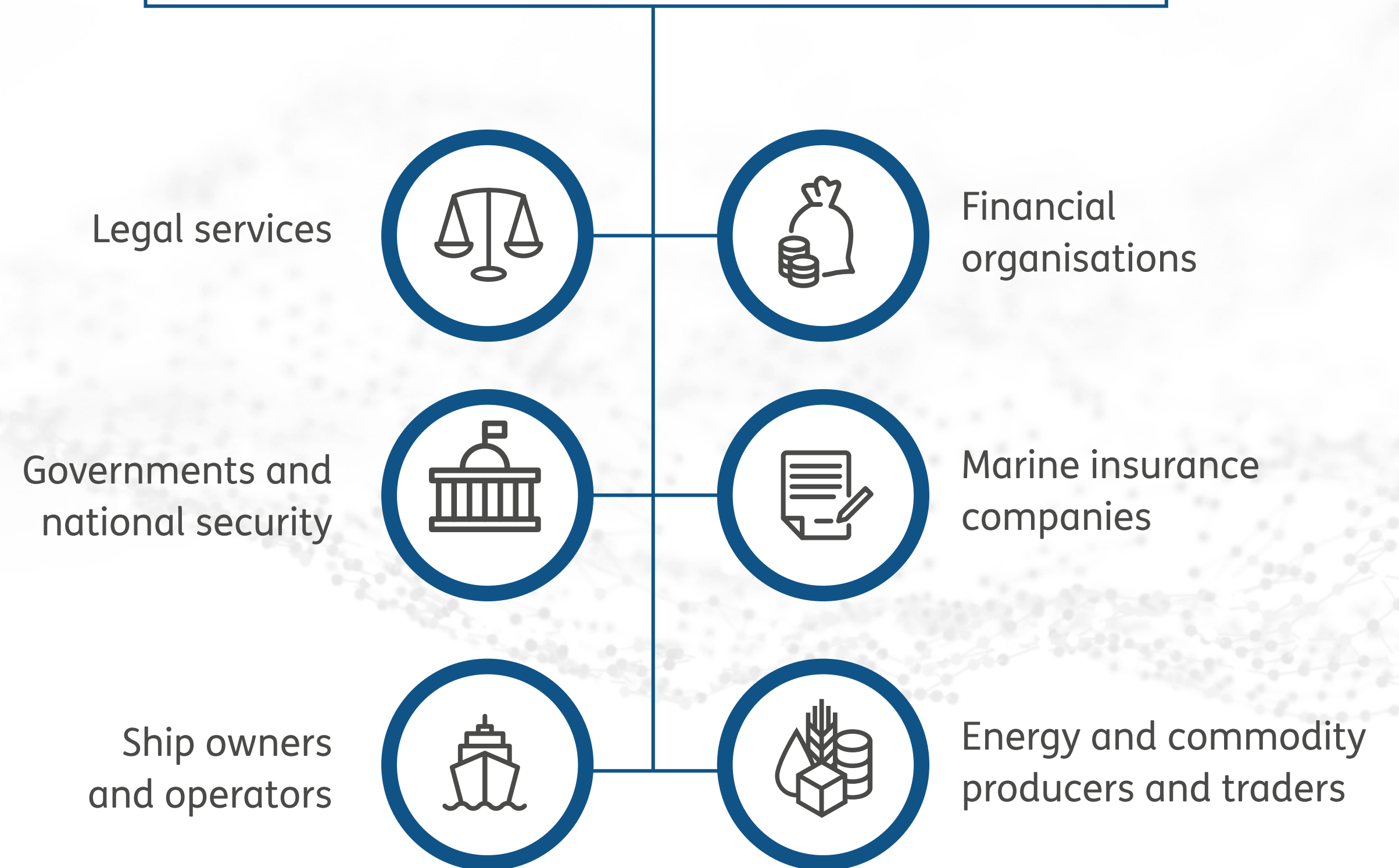
We've done the hard work for you, having processed and verified data from over 3,000 sources. Our comprehensive maritime data can help you to screen and track vessels, conduct analysis and monitor market trends. Armed with the best information, you'll be able to detect compliance risk, pinpoint market opportunities and streamline your processes.

Trusted data APIs, seamlessly integrated

Our data is trusted by professionals all over the world for its accurate and verified real-time and historical view of maritime trade.

Integrate the most complete maritime data straight into your systems and platforms. Our vessel characteristics, tracking, and behavioural data can merge seamlessly and streamline your workflow. Every organisation is different, so we deliver maritime data in whichever way suits you. Automate and digitise internal processes and save time completing checks and analysis.

Lloyd's List Intelligence APIs are used by professionals in...

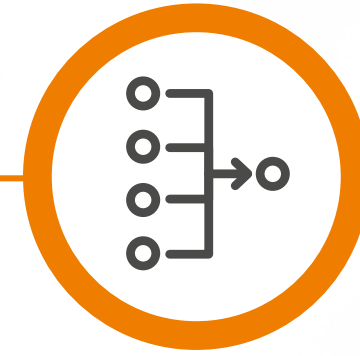


Data that gives you an advantage



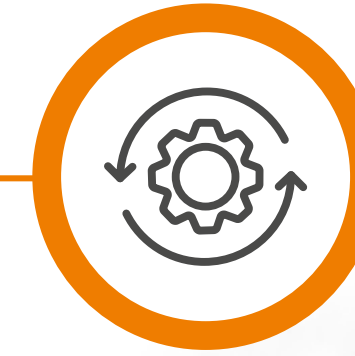
Unlock the power of the complete view

Access the most comprehensive tracking data with a complete view of vessel movements, detailed ownership data and sanctions information available from all major sources



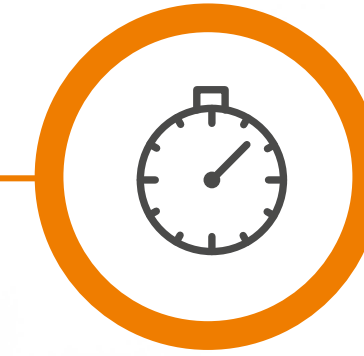
Combine your data into one system

Integrate data with your own to provide you with a complete single source



Integrate, effortlessly

Real time data integration into your internal system provides the current view



Save time conducting analysis

One integrated source reduces time spent collating data and gives you more time to analyse and act on it



See only the data you need

Select the data and update frequency you need across the range of API endpoints



Get advice from experts

If you have questions about the data, contact our maritime data experts to provide additional insight and get answers within 24 hours



Near real-time global AIS data & intelligence

View the most up to date, trusted, reliable and independent view of data every second

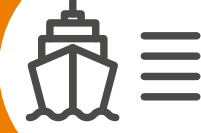
APIs for the complete view of maritime trade

Essentials for Vessels, Companies & Places



Access key vessel, company and places identifiers

Vessel Characteristics & Specifications



Track and monitor a specific list of ships, types of vessels, or the entire global fleet

AIS Positions, Port Calls & ETAs



390m updated vessel positions on average every day, from our terrestrial AIS network and satellite partners

Inspections, Detentions & Casualties



Get immediately alerted to new casualties and access over 40 years of historic vessel casualties data from Lloyd's Casualty Reporting Service.

Vessel Ownership & Companies



Understand who owns, operates and manages a vessel

Places, Ports, Terminals & Berths



Over 60 data points covering 70,000 ports, sub-ports, terminals, anchorages and berths

Container Tracking & Bill of Lading Verification



Track container movements and verify a Bill of Lading, including port of load and discharge, vessels involved and transshipment points on route to destination

Sanctions, Risks, Compliance & Reports



Conduct your due diligence, avoid penalties, and protect your organisation from the consequences of illicit behaviour

Predictive Fleet Analytics



Accurately track vessels, predict vessel movements, and anticipate port congestion and delays in minutes

Trusted, verified data feeds, tailored to you

Pick and choose what you need from different categories. We also validate our data to ensure you receive the best possible quality for your analysis. Lloyd's List Intelligence has a digital archive of data going back to the 1970s so you can access a unique level of historic data.

Essentials for Vessels, Companies & Places



Access key vessel, company and places identifiers such as:

- Vessel ID, IMO, name, type, flag, gross tonnage, DWT tonnage
- Country and head office details of the company
- Type of the place/location (e.g. terminals), the country of the place
- Images of a vessel

Key information:

+600k

vessels in all parts of the lifecycle

100%

coverage of the live trading fleet

+570

data fields available

Vessel Characteristics & Specifications



Track and monitor a specific list of ships, types of vessels, or the entire global fleet, using over 250 data points including:

- Vessel name, flag, call sign and tonnage
- Vessel dimension, structure and capacity details
- Vessel history such as registration details, construction and demolition details, flag details, class details and P&I Club details
- Equipment found on board the vessel covering engines, boilers, generators, lifting gear and propellers
- Vessel communication equipment installed, including Inmarsat satellite contact details

Key information:

+1,400

vessel name and flag changes each month

+52k

vessel characteristics researched, validated, and updated each month

+530k

vessels transmitting Class A and Class B AIS messages

Trusted, verified data feeds, tailored to you

AIS Positions, Port Calls & ETAs



440m updated vessel positions on average every day, from our terrestrial AIS network and satellite partners. Data includes:

Latest AIS vessel position information

Historic AIS position for tracking a vessel's location during a given time period

Current or historic AIS positions by an area with details including latitude, longitude, speed, nearest country, destination, distance, ETA

Historic and future vessel port calling, passing and sighting details by vessel or location

Historic and future vessel estimated times of arrival by port or vessel

Key information:

100%

coverage of the live trading fleet

+6m

port callings each year

+10 years

of vessel positions and voyages' information

500

Lloyd's Agents on location in over 170 countries reporting and verifying vessel positions and port callings, exclusively for us

+25k

port calls per month verified in person

Inspections, Detentions & Casualties



Get immediately alerted to new casualties and access over 40 years' historic vessel casualties data from Lloyd's Casualty Reporting Service. Data covers:

Vessels involved in casualties

Casualty details, from piracy and total losses to machinery failure or damage

Port State Control Inspections & detentions and reported deficiencies recorded against vessels

Key information:

20mins

publishing time on receipt of incident

80%

coverage of new data issued by USCG and the main PSC MOU authorities

Global casualty reporting

coverage with 500+ Lloyd's agents and dedicated casualty correspondents

80k

unique casualty incidents, as well as follow-up reports in our database

+5,000

inspection and detention updates added on average per month

1.9m

updates in our archive of inspections and detentions

3,300

new casualties and over 4,400 follow-up casualty reports are researched and updated each year

Trusted, verified data feeds, tailored to you

Vessel Ownership & Companies

Understand who owns, operates and manages a vessel. Including:

Seven categories of ownership data including registered, beneficial, nominal, technical and ISM managers, third party operator and commercial operator

Details on entities who currently or have previously owned/operated a vessel

Fleet details associated with a company

Company information including offices, name history and contact details

Key information:

240k

ship owning and
operating entities

+14,000

ownership details are researched
& updated each month

Downloadable

reports in PDF format



Places, Ports, Terminals & Berths

70,000 ports, sub-ports, terminals, anchorages and berths. Including:

Place information including name, place type, location

Place characteristics including details on terminals, berths & commodities handled

Key information:

+12.3k

ports

+15k

terminals

+40k

berths



Container Tracking & Bill of Lading Verification

Track container movements and verify a Bill of Lading, including port of load and discharge, vessels involved and transshipment points on route to destination. Inputs include Bill of Lading or container number

Key information:

39

container lines

87.5%

bill of lading coverage



Trusted, verified data feeds, tailored to you

Sanctions, Risks, Compliance & Reports



Conduct your due diligence, avoid penalties, and protect your organisation from the consequences of illicit behaviour. Access consolidated sanction lists from OFAC, UNSC, EU and the HM Treasury, including sanctions on individuals, vessels and countries, and the vessels and entities connected to them. Data includes:

- Details on sanctioned vessels, organisations and personnel as reported by market regulators, including the dates they were added or removed from a programme
- PDF Vessel reports including vessel details, movements, inspections, casualties, ownership
- Company PDF report
- List of vessels with gaps in their AIS transmission history
- Compliance risk ratings and their details across AIS gaps, AIS manipulation, flag, ownership, ship to ship transfer and movements
- Detected STS (Ship-To-Ship) activity and details associated including vessel details, place, draught change
- Detected vessel voyages and risk including probable dark port calls, probable dark STS with other vessels, loitering and AIS gap indicators
- Vessel risk details based on a vessel's profile and detected voyage risks and events tailored to a time period, including the overall vessel risk score
- List of screened vessels with risks associated. Track changes in the risk profile of your vessel or fleet of interest over time
- PDF compliance risk reports including vessel details, movements, inspections, casualties, ownership, vessel risks detected and overall risk score
- Details of vessels with gaps in their AIS history
- Audit of when the compliance screening report has been downloaded and the data produced

Key information:

+240k

ship owning and
operating entities

25

Hull risk rating variables (flags
changes, vessel trading profile,
ownership changes, casualty
history, vessel class changes)

Twice daily

updates on sanctions. Most
data from sanctions reports
are verified and published
within minutes

365 days

sanctions monitoring including
weekends and public holidays to
ensure accuracy

Trusted, verified data feeds, tailored to you

Predictive Fleet Analytics



Accurately track vessels, predict vessel movements, and anticipate port congestion and delays in minutes. Our advanced machine learning algorithms in combination with our quality foundational data generates accurate predicted destination, ETA, ETB and ETD data. Including:

- Predicted destination, which is 70% accurate to the final port destination, 5 days out – over 35 percentage point increase over standard AIS destination
- Estimated Time of Arrival (ETA) for all key vessels with accuracy within +/- 10 hours to the actual time of arrival
- Estimated Time to Berth (ETB) with accuracy within 1–2 hours of actual time of berthing
- Estimated Time of Departure (ETD) based on historical data and current traffic levels
- Vessel predicted waiting time and time in port
- Current trade route analytics made up of trade lane traffic
- Port congestion and turnaround metrics with red, amber, green rating
- Port traffic analytics consisting of vessels expected to arrive at the port within the next 5 days
- Port benchmark data to compare average waiting times at two ports over a tailored period

Key information:

70% accurate
for predicted destination,
5 days out

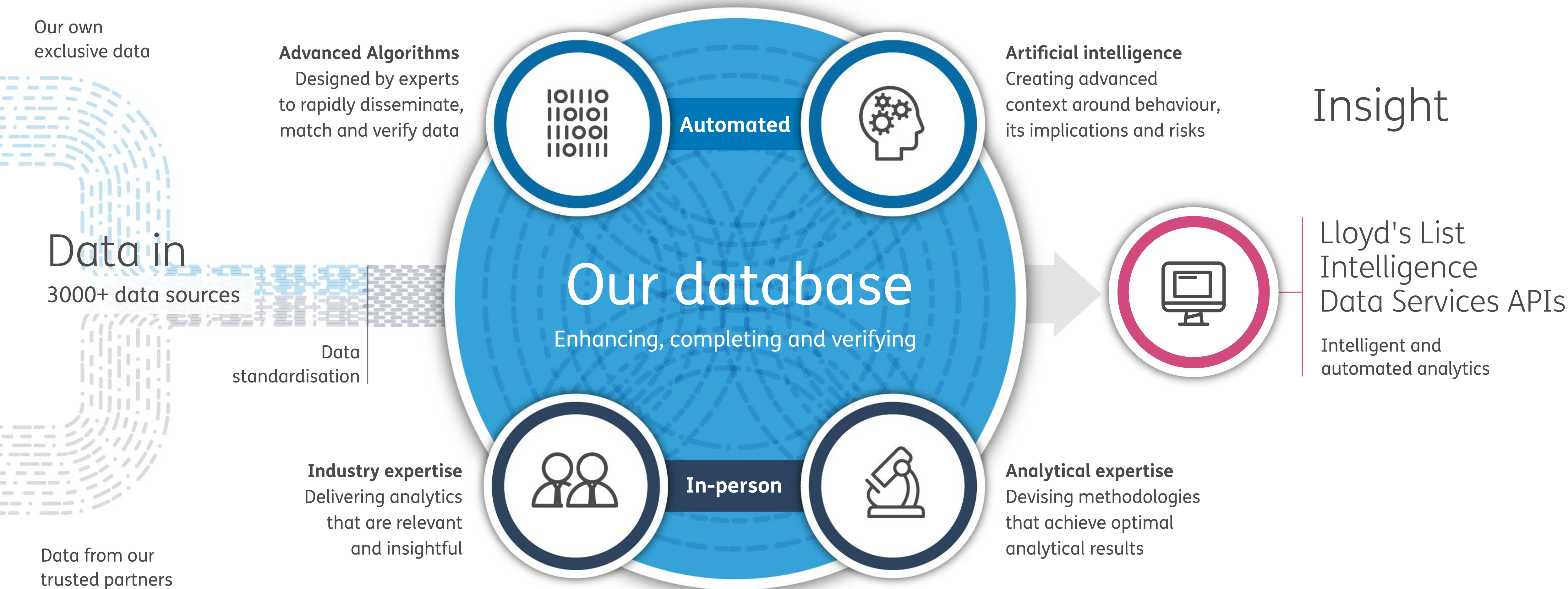
70k
ports, terminals,
anchorages and
berths tracked

When we predict the correct destination, we can predict...

ETA to within
+/- 10 hours

ETB to within
1–2 hours

Built on the best data and artificial intelligence, to give you the complete view



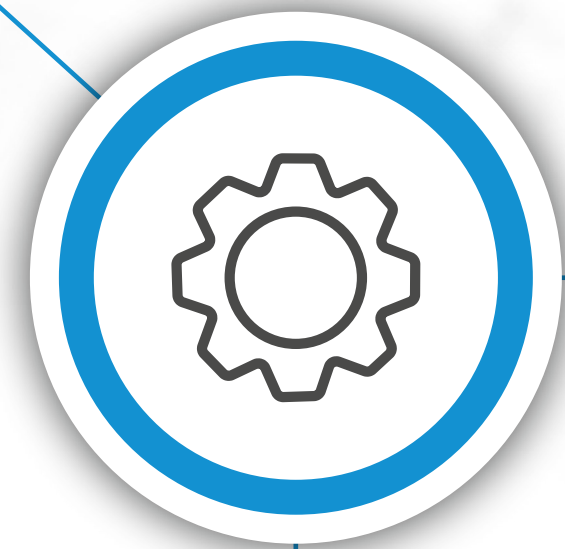
How we bring you better data through COACT

Origin

Our data is built on the most reliable inputs from our own exclusive sources and partners that we trust

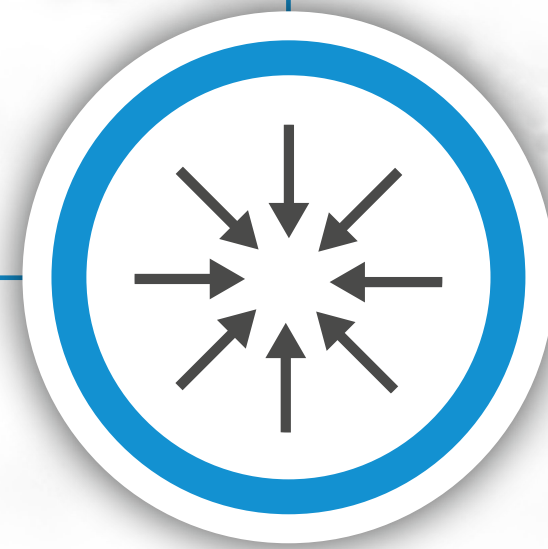
Completeness

Our extensive data coverage forms the full picture of maritime trade activities, fleet and vessel operations and the infrastructure of the entire industry.



Consistency

Our methodologies use strict rules and defined tolerances to manage consistency



Accuracy

We are constantly monitoring and improving our data sets, removing anomalies, driving accuracy and increasing precision



Timeliness

Automated data processing and validation ensure our data is current and quickly accessible

Migrate from your existing data provider with ease

Integrating our data into your platforms is simple, even if you're moving from another provider with different data structures. Follow these five easy steps to make the switch, depending on if you require API or FTP/ e-mail data delivery:



API

1

Let us know which fields you require and how your data is currently structured, eg. using an Entity Relationship Diagram (ERD) or Field List

2

We'll recommend endpoints based on your requirements

3

Use our Swagger documentation to review the endpoints

4

Select endpoints to test

5

Purchase and start enjoying the benefits of our market-leading data



You're all set!



FTP /
e-mail
delivery

1

Let us know which fields you require and how your data is currently structured, eg. using an Entity Relationship Diagram (ERD) or Field List

2

We'll map our data structure to yours (est. 1-2 weeks)

3

We'll provide a new ERD and a data sample in the structure outlined

4

Review the sample and let us know if you require any amendments

5

We'll provide the final deliverable and provide ongoing support



You're all set!

To find out more about
Lloyd's List Intelligence Data Services,
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[Lloydslistintelligence.com](https://lloydslistintelligence.com)

[Click here to explore and test out our APIs](#)

Transparent and actionable maritime data and analytics
powering decisions that drive the safe, efficient, and lawful
movement of seaborne trade.

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