

AIS+

Unrivalled
vessel tracking
intelligence



Introducing AIS+

AIS+ is more than just raw AIS data – it's the contextualised movements intelligence you need to make data-driven decisions for your business.

By combining terrestrial, satellite, ship-borne, and human intelligence with our global, geospatial database we capture near-shore and off-shore vessel movements, overlaying unique AI models to provide pin-point accurate insight on historic, current, and predicted vessel movements.



100% of the global fleet tracked (105,000+ vessels)

95% Uptime across our network

80% of our validated AIS positions are from our terrestrial network

12,000+ Ports covered

Unrivalled data quality

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 commitment to data quality and continual improvements to our analytics model enable you to track the global shipping fleet effectively while safeguarding your operations. Governed by an ISO9001 accredited framework, our AIS data models deliver exceptional quality and consistency.

Our COACT framework delivers on 5 key areas, and in combination, ensures our AIS data is the best in class...

Consistency

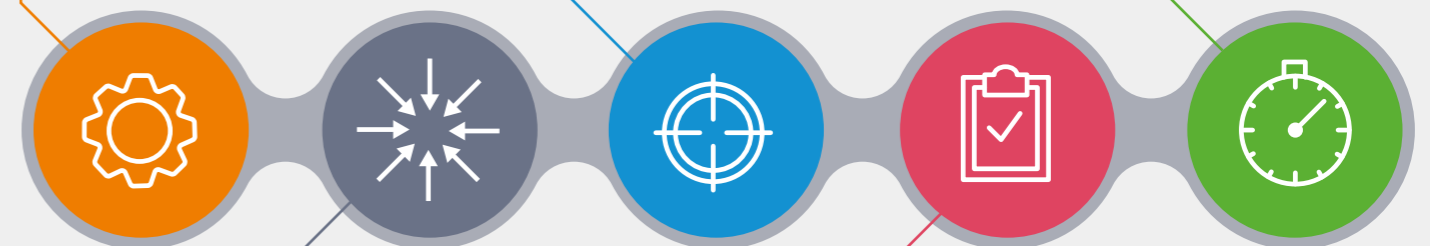
Access the most comprehensive historical AIS database, trusted since 2007 as the backbone of maritime analysis and decision-making, with flexible one-off or continuous subscription options.

Accuracy

Receive only the most accurate, validated AIS positions with our SmartMatch AI technology—deduplicated and ready to use from terrestrial, satellite, and shipborne sources, ensuring you get the right information at the right time for faster, smarter decisions.

Timeliness

Make faster decisions with real-time data updates via automated processing, and validation, delivering clean, timely insights without delay.



Origin

Trusted as the original source, our comprehensive AIS database is powered by our proprietary terrestrial network and exclusive Lloyd's Agency partnership, making us the foundation of reliable maritime data and insights.

Completeness

Get the complete picture with 95% uptime, end-to-end voyage coverage, and exclusive access to key ports through our proprietary network and the Lloyd's Agency, ensuring you never miss an update.

We have a superior terrestrial network that we **own and manage...**

We staff, manage, and maintain our own terrestrial AIS network covering 5,800+ ports, which provides more than 80% of all our AIS positions through our exclusive partnership with the Lloyd's Agency Network

Owning our own network means we can:

- Prioritise coverage in key strategic locations and provide continually expanding coverage.
- Check, validate, and correct data at source, and continuously enhance our data and reduce false positives.
- Maintain a market-leading uptime of our hosted proprietary AIS network in excess of 95%

...and eyes **in the skies** through our partners

Sometimes the only way to track vessels is from above

Our two satellite providers complement each other's orbits to maximise global coverage giving you visibility in areas not covered by terrestrial networks

Deep sea and high traffic areas, covered

Access coverage previously unavailable anywhere with more regular updates on vessels' positions

Access the global view

Get the complete picture with comprehensive coverage across all regions

More positions, more coverage

Satellite data adds more than 16 million unique positions per day

More data, fewer gaps

Shipborne receivers in congested areas reduce AIS gaps

Reliable and consistent

Multiple providers ensure always-on coverage



ORBCOMM

15 high orbit satellites relaying to 16 ground stations

spire
MARITIME

90+ low orbit satellites, relaying to 30+ ground stations



The only geospatial database you will ever need

Our geospatial database is the most structured and granular port database available. It uses a clear hierarchy of port locations and more intricate 'polygons' to provide complete coverage and unparalleled accuracy.

Our Geospatial database allows you to:

- Maximise the value of AIS and vessel movements data.
- Develop systems that increase efficiency, reduce costs, boost functionality, and improve your ability to acquire and retain customers.
- Understand vessel movements covering global ports, sub-ports, terminals, berths and STS areas in unparalleled detail.

“ We compared the ETAs that carriers were sharing against the predictive ETAs that Lloyd’s List Intelligence had. Lloyd’s List Intelligence had 85-90% accuracy against what the carriers had. ”

Large manufacturer and
Lloyd’s List Intelligence customer

Powerful analytics, the plus in AIS+

Port Congestion

Port Performance
Port & Berth Level Congestion
Expected Wait Times
by Vessel Size & Type



Port Calls

36,000
high-risk port calls
identified in 2023



Predictive View

Predictive ETAs, ETBs, ETDs
70% accurate ETA when
vessel is 5 days out



Vessel Voyage Events

Ship-To-Ship Transfers
Port Calls
Load Statuses

Trade Lane Insights

Vessel route activity
Regional Analysis

Behavioral Risks

Ship-To-Ship Transfers
Dark Port Calls
AIS Gaps
Spoofing
Loitering



Trusted worldwide

Our data is used by governments, shipping companies, commodity traders, marine insurers, financial institutions, maritime software companies, and more. Their use cases include:



Vessel tracking for fleet management and voyage optimisation



Predictive voyage and arrivals intelligence for commodities trading insight



Port and berth level congestion and traffic insight for demurrage claims investigations



Monitoring marine traffic across national and international lines



Dynamic pricing model intelligence built on historic trade lane volumes and vessel movement trends



Understanding vessel movements in relation to potential dark activities like STS transfers and AIS gap history



Verified by humans

Our exclusive partnership with the Lloyd's agency network provides a unique layer of human validation to our ports and positions data.

Our exclusive partnership means:

- Insight and intelligence from over 250 Lloyd's Agents, and a further 300 sub-agents in 170 countries.
- Our AIS network, hosted by the Lloyd's Agents, is present in most of the world's trading ports and in strategic and sensitive locations where other providers do not have access.
- We have an enhanced ability to detect AIS spoofing and other deceptive shipping practices thanks to real-life sightings and unrivalled station uptime.

“ LLI has one of the most precise and accurate terrestrial AIS networks, because they can benefit from a historical association with the Lloyd's agents network ”

Software provider to the maritime industry and Lloyd's List Intelligence customer

Powerful data solutions in the format that's right for you

Delivered directly into your workflow via Snowflake, Rest APIs and SFTP data delivery



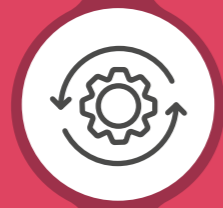
On-demand Access

Snowflake and our APIs provide flexible and continuously updated data delivery solutions providing an efficient and customisable alternative to traditional file delivery



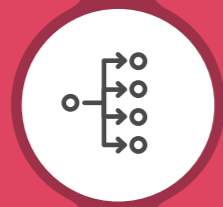
Generate Faster Insights

Our AIS data is updated and delivered in real-time helping you gain a competitive edge by identifying opportunities and risks faster



Seamless Integration

Streamline your workflow and improve operational efficiency by integrating our data directly into your analytics workflows reducing the need for manual data pulls



Bespoke Delivery

Customisable data extracts with data elements, structure and frequency tailored to your needs



Historical Analysis

Continuous and consistent historical AIS data going back to 2010 can inform historical vessel movement and trade lane trends

AIS+ Data Endpoints

Endpoint/ Datatype	Description
Historic AIS Vessel Position	Historic AIS position can be used to track a vessel's location during a given time period
Current AIS Vessel Position	Use the latest AIS position information to track where vessels are currently located
Vessel Passings	Use the latest AIS position information to track where vessels are currently located
Vessel Calls	Historic vessel callings details of a specific vessel
Geospatial Port Database	Our unique hierarchical geolocation database covering ports terminals and berths
Location Search	Identify whether a vessel has entered a specific area using AIS position data
Place Calls	Historic calling details of a specific place or country
Port Congestion	Identify potential port congestion based on predicted vessel movements and port capacity
Trade Lane Current/History	Validate whether vessels are operating using historic trade routes
STS Pairings	Identify instances of Ship-to-Ship transfers
Predicted Vessel Movements	Predicted vessel movements
Predicted Arrivals	Predicted vessel arrivals
Vessel ETA	Historic AIS position can be used to track a vessel's location during a given time period
Place ETA	Historic and future ETA's covering which vessels are due to arrive at a port/terminal
Vessel Voyage Events	Identify all significant events that have occurred during the voyage including STS, Port Calls, and Load Statuses
AIS Position Gaps	Identify behavioural risks associated with gaps in AIS position

AIS+

Contact us now to experience
the power of **AIS+**

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[Lloydslistintelligence.com](https://lloydslistintelligence.com)

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

