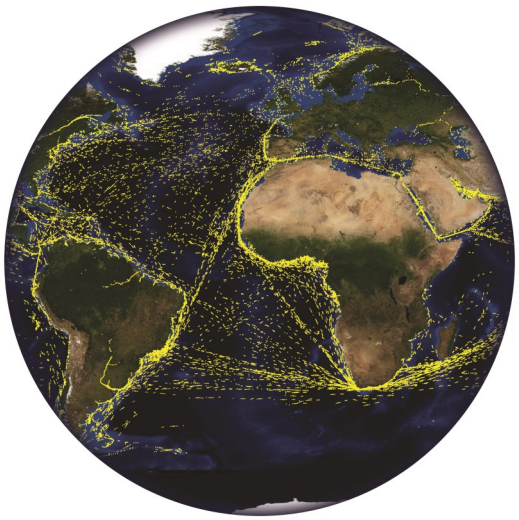
Product Information

exactAIS Archive™

exactEarth has been collecting operational AIS data from the exactAIS® service dating back to July 5, 2010. All of this data is available to customers up to 30 days prior to the current date. The Archive currently contains a historical record of all global shipping activity back to July 2010. This includes over 4 billion Satellite AIS messages and provides over 1.5 billion individual maritime vessel locations and counting.



exactEarth provides flexible access to the Archive as historical data can be extracted using a wide selection of criteria including:

Date and Time Range	Ship Type	Ship MMSI List
AIS Message Types	Geographical Area	Country

Data is delivered to suit every customer's unique needs. Historical data is delivered via data files in the following formats and placed on the exactEarth secure FTP for customer retrieval:

- NMEA (No timestamps)
- NMEA V4.0 (Includes timestamps)
- XML
- KML (Includes a number of built-in Google Earth features and controls to facilitate replaying of vessel movements for analytical purposes)
- CSV

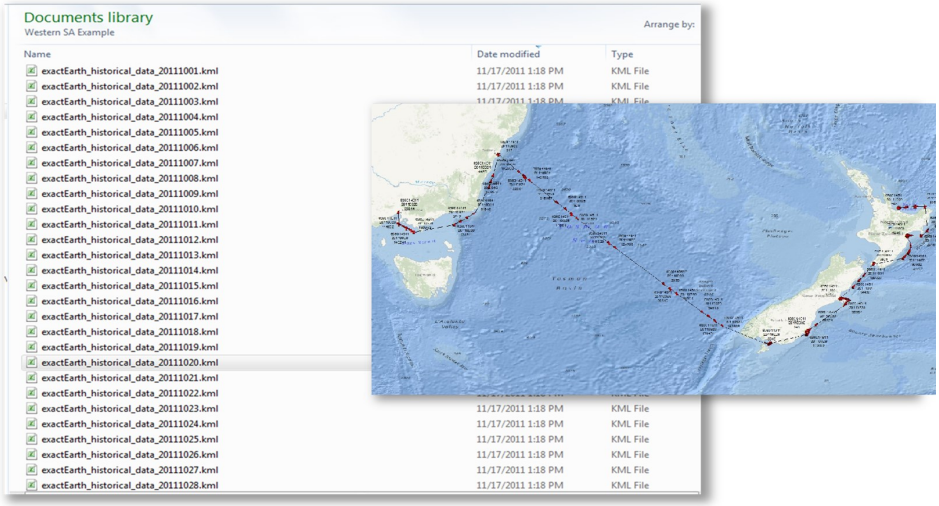
NOTE: Data can alternatively be placed on a removable disk drive for an added fee

Advantages:

- Allows for comprehensive vessel tracking on a global scale
- Provides a basis for analysis of global ship movements
- Validation of a ship's log

Application Benefits from exactAIS Archive

Examples of data set extracted over a 30 day period



- The archive data can establish patterns of vessel behaviour allowing for prosecution of illegal movements or actions e.g. illegal discharging, encroachment into protected areas
- The ability to see vessel traffic patterns as well as seasonal traffic changes provides critical information for planning and decision-making to allow authorities to establish the safest routes preventing the risk of accident
- Archive data can aid in anti-piracy operations by identifying suspicious vessel behaviour or deviations in course
- The archive allows for in depth analysis into Marine Protected Area violations improving efforts in environmental protection
- Archive data allows authorities to create improved ship modeling for behavior prediction reducing the risk of incident if a vessel strays off course

exactAIS Archive represents the most complete record of Satellite AIS vessel movements on a global scale as a direct result of our long and continuous operational capability. With access to this Archive, customers can exploit the rich exactAIS data set to gain improved historical insight and knowledge for their maritime Areas of Interest.

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