

WeatherFactor API

Gain critical insights into voyage durations and estimated times of arrival

With WeatherFactor API, you can better assess the added duration risks for voyages based on time of year and weather impacts on ship speed. You can also compare routes against shorter options and those with less significant weather.

Benefits

To accurately determine freight prices and ensure a smooth voyage, traders need reliable information to assess voyage duration and the estimated time of arrival. Our WeatherFactor API supports the process with analytics and data science featuring routing simulations with advanced digital twin models and 20 years of detailed historical weather data.

- **Support profitable decisions** — greater detail and accuracy ensures traders can better estimate voyage costs, determine freight price corrections, and decline jobs that won't be profitable. Greater accuracy upfront also results in smoother voyage operations.
- **Bid more competitively** — by accurately determining profit margins, traders can bid accordingly and identify more opportunities to do business.

Users and key use cases

WeatherFactor API is an ideal resource for commodity trading managers, as well as commercial and operational teams.

Customers

Primary customers include leading dry cargo and product tanker services. Contact us to learn more about how we help these prestigious organizations economically bid and execute safe, timely shipping jobs.

Features

With our WeatherFactor API, traders can confidently make profitable cargo bids by ensuring proper freight rate calculations with our cutting-edge voyage simulation technology. Its vessel digital twin models and 20 years of hindcast weather data factor in the impact of environmental conditions on voyage cost calculations, including duration, fuel consumption, and emissions. With this information, traders can make more competitive bids to improve their chances of winning the job while also protecting their profit margins.