

Arrival Prediction

Improve
operations.

Optimize
processes.

Introducing Arrival Prediction

Arrival Prediction is dynamic and predictive ETAs from +5,000 container vessels. You will benefit from precise, machine learning-based ETAs from 48 hours before the vessel arrives at its destination. Arrival Prediction provides additional knowledge to the vessel schedules which will make you even wiser.

ETAs based on high-quality, real-time data

The solution collects schedules for container ships and makes estimations based on both historical and real-time data using machine learning. If a vessel from China with a stop-over in Singapore before proceeding to Hamburg is determined to be delayed before arrival in Singapore, the system will determine whether the vessel can catch up some or all of the lost time later and thus only report a delay in arrival time for Singapore and not necessarily in Hamburg.

Act proactively

Knowing that more than a third of all container vessels are more than a day delayed, we operate with both estimated time of arrival and calculated risk of delay. With Arrival Prediction, you will know if the expected vessel is delayed and for how long. This makes you able to optimize your business. Get notifications when your expected vessels are delayed and act proactively.

How it works



Collection of data
from multiple sources like carrier schedules, port schedules, and live and historic AIS data.



Calculation
of the scheduled ETAs, based on machine learning and fueled by AI.



Precise estimates
for arrivals and departures. All in one place. Real-time container vessel schedules and forecasts.

Measure, predict, and act proactively on vessel delays



Improve operations with Arrival Prediction



Collect the schedule data for container vessels in one, unified data feed using a consistent format for port locode and timestamps in UTC across ocean carriers and improve in the information with a more precise ETA calculation towards the next series of port calls.

The Arrival Prediction data service is available through a REST API for easy integration

Features

- ✔ REST API
- ✔ One simple, uniform format for ocean carriers
- ✔ Aggregated schedule information across carriers
- ✔ Improved ETA calculation compared to the scheduled time
- ✔ Automatic detection of additional and missed port calls compared to scheduled
- ✔ Port and locode service
- ✔ All port calls using locodes (no more misspelled port names)
- ✔ All time data in UTC (no more mixed up local time zones)