



SOLUTION DETAILS:

Awake.AI has developed a Smart Logistics Data Platform and SaaS solutions on top of it that reduces ship turnaround times, emissions and costs for all logistic actors through digitalization, automatization, and optimization of port operations. Awake.AI's platform is the first ever AI-

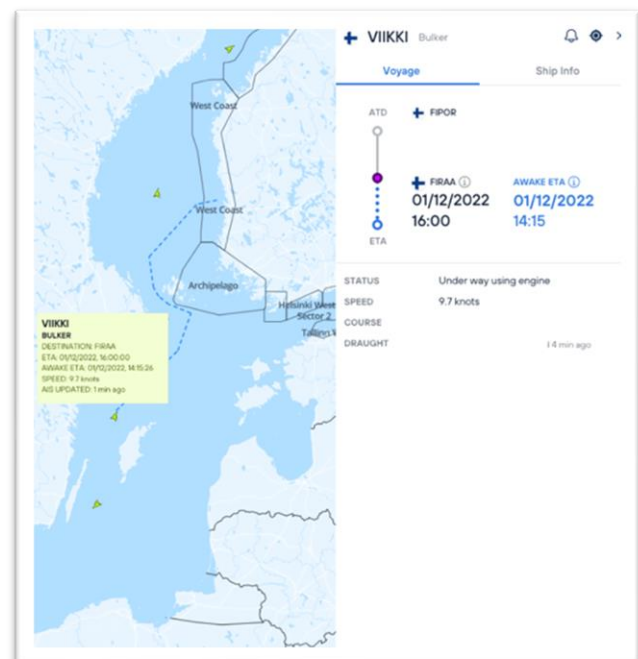
based learning, automated tool for turnaround and port bound cargo flow optimization. It enables situational awareness and optimization of port calls weeks ahead, and automated planning in cases of changes for example delays and weather conditions. Awake.AI offers versatile optimized API services starting with Estimated Time of Arrival (ETA) information on global vessel traffic. Automated, ML -based predictions complement data provided by vessels and shipping agents.

Waypoint nearshore solution:

Ship operators often experience sudden delays and changes in schedules for example due to congestion or delays in port operations. Awake.AI is able to forecast if that is about to happen and if it does, what is the most cost-efficient way to catch up the schedule and what is the impact to cost & emissions for catching up the schedule. This is an API service for Voyage Planning & JIT Arrivals.

Awake.AI is looking for Ship Operators and System Providers (Vessel Traffic Systems - VTS, Vessel Management Systems - VMS, Fleet management Systems - FMS) to pilot the solution for automatically finding best scheduling options using the custom-built optimisation algorithms.

These optimisations will be implemented as multi-objective optimisation enabling simultaneous use of multiple objectives with different priorities (for example cost, emissions, timeliness). The optimisation will provide proposals on allocation of orders to vessels and their port call schedules including sailing speeds for the sea voyages.



Please contact Safetytech Accelerator to find out more: info@safetytechaccelerator.org

Founded:	2018
Website:	Awake.ai
Pitch video:	https://youtu.be/w_pmJVKxnsM
Employees:	15
Headquarters:	Finland
Industrial sector:	Marine
Business model:	SaaS, API subscriptions

About Safetytech Accelerator

Safetytech Accelerator is a non-profit established by Lloyd's Register. It is the first fully dedicated technology accelerator focused on safety and risk in industrial sectors. Our mission is to make the world safer and more sustainable through wider adoption of safetytech.

www.safetytechaccelerator.org