DEUTSCH-FINNISCHES BUSINESSFORUM 2025

SOPHISTICATED SOLUTIONS FOR PORTS

AUTONOMOUS VEHICLES FOR CRITICAL USE CASES



TRANSPORT SOLUTIONS
ENHANCING SAFETY AND
EFFICIENCY







80–90% of unmanned systems are **remotely** operated.

Operational efficiency gains remain below 10%.

More than 90% of Finland's foreign trade moves through ports.

European Commission has **flagged labor and skills shortages as a priority in its Ports Strategy**.

Ports face bottlenecks that reduce safety and throughput while increase emissions and failures.



Advanced software converts hardware into intelligent, goal-driven systems enabling autonomous control and strategic data processing.

Operational cost reductions up to 30–60%.

Human intervention reduced by 70–90%.

Automation reduces accident rates by up to 40%.

Enable 24/7 operations, increasing throughput and reliability.

Al-powered autonomous fleets are not just a technical upgrade; it's become a GAME CHANGER.





Mature drone platforms and sensors are available from major and specialized manufacturers.

Proven supplier base across EU and US.

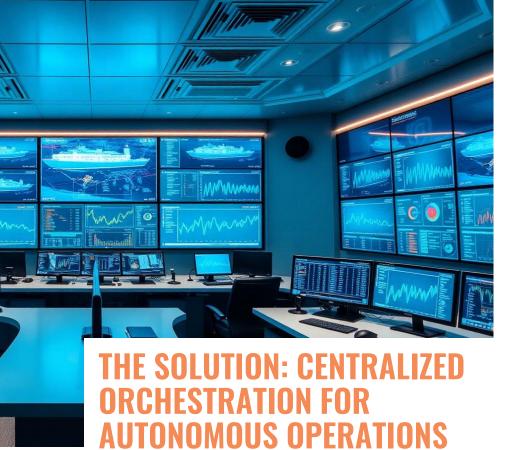
Wide range of **sensors** (cameras, LiDARs, etc.).

433K registered commercial drones in the US (July 2025).

42K in Sweden | >15K in Denmark.

Integration shapes the future — software makes it happen.







Mission Planning & Execution

Automate, schedule and enable autonomous vehicle coordination.

Real-Time Intelligence

Dashboards, operational data logging and Al-driven decision support.

Adaptive Solution

Fully customizable with company wide integrations.

Launch autonomous port operations through intelligent mission planning, real-time analytics, and adaptive system integration with ITO Control Center.

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USING DRONES FOR REMOTE PILOTAGE IN DENMARK



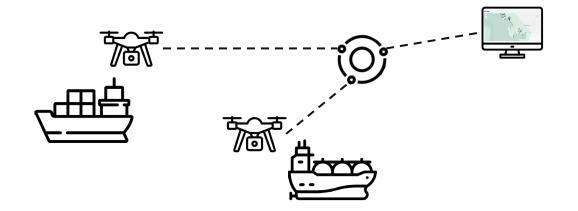


The Challenge

Increasing ship traffic and personnel shortages pose organizational and safety challenges for traditional ship piloting.

The Solution

Drones are deployed as autonomous operated ship pilots to enhance navigation safety and operational efficiency while reducing reliance on human pilots.



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FURTHER USE CASES WE ARE WORKING ON RIGHT NOW





Security & Defense Operations

Integrated solution for searching and clearing of tank mines.

Navigation & Safety Systems

Al-based detection of landing sites and execution of landing.

Logistic Operations

Implementation of logistics processes with multimodal vehicle combinations.

WE LOVE TO HEAR MORE ABOUT YOUR USE CASES!



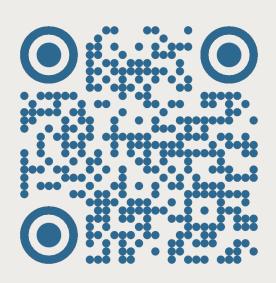
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SOPHISTICATED SOFTWARE SOLUTIONS BY IT-OBJECTS

