



ORCA AI



NorthStandard

Taking shipping operations to a whole new level. Together.

In an era marked by unprecedented advances in maritime technology, it's time for shipping companies to rethink the way they operate their fleets and embrace innovative solutions to increase efficiency and reduce costs through improved risk management.

To bring these cutting-edge technologies to the maritime market, NorthStandard, a reputable marine insurer, has teamed up with Orca AI, a leader in AI and Computer Vision for the industry.

Leverage AI and Computer Vision to enhance safety of navigation

SeaPod for crews

A fully automated lookout on the bridge

Orca AI's SeaPod is a fully automated navigational assistant that doesn't sleep or miss. It processes multiple sources of information in a fraction of time, and gets smarter every day.

Unmatched situational awareness

Enable your crew to detect targets quickly and easily even with near zero visibility and in the most congested waters.

Minimize crew's workload

Reduce the workload with automatic detection, alerts and target prioritization to prevent confusion and fatigue.

Reduce human error

Empower your crew with automation so they can avoid costly mistakes and make timely, safe, and effective decisions.



FleetView for the office

Unprecedented visibility into safety & operational insights

FleetView utilizes connectivity to link ships to shore, delivering shipowners and onshore operations leaders comprehensive visibility into fleet operations.

Prevent loss, reduce claims

Ensure SMS adherence by monitoring operational and safety KPIs under various COLREG situations.

Improve your bottom line

By eliminating off-hires, minimizing downtime, and optimizing operational efficiency.

Meet your sustainability goals

Help your crew to navigate more efficiently to save fuel and decrease emissions.



How it works

Real-time target detection, day and night

Eight high-resolution day and thermal cameras, equipped with proprietary deep learning algorithms, create an accurate perception of the water surrounding at various distances and weather conditions.

Risk analysis

Each detected target undergoes contextual analysis, considering factors such as location, vessel type, distance, visibility level, and more.

Target prioritization

Prioritizing high-risk targets allows the crew to focus only on what matters most, thereby avoiding confusion and fatigue.

Real-time alerts

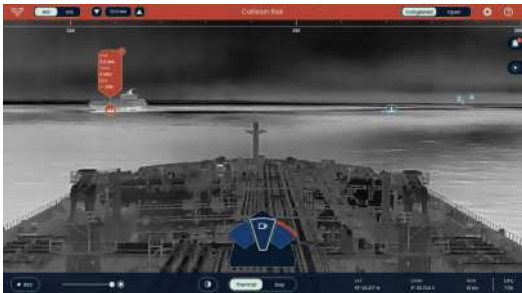
Alerts on the highest risk targets, allowing the crew to respond on time and take the necessary actions.

Sailing through foggy weather

► Watch video



Human eye view



Orca AI view

Sailing at night

► Watch video



Human eye view



Orca AI view



About Orca AI

Orca AI is the creator of first of its kind digital watchkeeper to maximise voyage safety and operational efficiency for ships and fleets.

Powered by maritime purpose-built machine learning and computer vision technologies, the Orca AI platform empowers crew to make data-driven decisions in congested waters and in low visibility conditions. Additionally, it allows fleet managers and operators to have a better understanding of their fleets' performance and identify unsafe or risky and inefficient behaviours easily.

About NorthStandard

NorthStandard provides an unmatched breadth and depth of service that supports operations, embraces potential, and helps your business thrive.

With the largest product range in the International Group, NorthStandard offers over 10 bespoke options, including P&I insurance, FD&D, Hull, War, Offshore, Strike & Delay, and more.

The company's approach to underwriting, claims, and loss prevention is built on an unwavering commitment to transparency, flexibility, expertise, and speedy resolution. The dedicated team, with years of expertise in maritime operations, also offers invaluable insight to mitigate losses and reduce costs.

Special offer

NorthStandard members can take advantage of this special partnership with access to an exclusive offer on Orca AI's platform. For more details about this offer and its benefits, visit [www.https://north-standard.com/orca-ai](https://north-standard.com/orca-ai)

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