

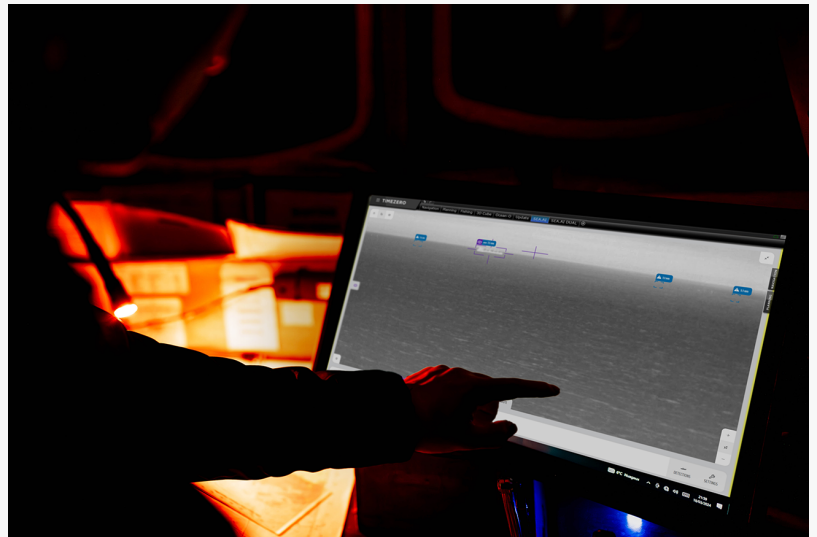
SEA.AI and Anschütz to Fuse Machine Vision into Autonomics

SEA.AI and Anschütz have agreed a partnership to integrate SEA.AI's machine vision into the Autonomics Navigation Suite

LINZ, AUSTRIA, August 24, 2026 /EINPresswire.com/ -- [SEA.AI](https://www.sea.ai) and Anschütz have formed a partnership combining SEA.AI's machine vision with Anschütz's navigation systems expertise. The companies plan to integrate SEA.AI's technology into the Autonomics Navigation Suite for bridge systems, with design and validation work beginning immediately.

Both companies will attend SMM 2026 in Hamburg from 1 to 4 September, where their teams will be available for meetings, briefings and interviews about the partnership.

The Autonomics Navigation Suite is designed to provide components for autonomous navigation and navigation assistance systems in line with the new MASS code. A key component is situational awareness, considering targets, depths, and charted objects, within which COLREG-based collision and grounding-avoidance trajectories can be safely planned and executed. SEA.AI's contribution is more than a camera feed. Its AI identifies and classifies what the optical and thermal sensors see: a vessel, a buoy, floating debris, or a person in the water, for example.



AI-powered machine vision on the bridge



SEA.AI Sentry machine vision system

Radar, ENC, and AIS remain the backbone of collision avoidance, and none of them sees everything. Radar can miss small, low, or debris-sized targets, particularly amid clutter or at close range. Buoys can be adrift with regard to their charted positions, and AIS only reports vessels equipped with an active transponder. SEA.AI's optical detection technology classifies what a human lookout would see, day or night. The partners plan to add this capability to Autonomics as another sensor track, enhancing the situational picture.

Consider a ferry crossing a crowded strait at night while an unlit fishing boat sits close to its track. Small vessels are often difficult for radar to hold reliably and may not be fitted with AIS. By also integrating SEA.AI's classified targets, Autonomics can automatically take the fishing boat into account, detect the risk early, and propose a COLREG-compliant course change for confirmation by the officer on watch.

For more than a century, Anschütz has been a leader in the field of navigation, integrating electronic charts, radar, navigation sensors and other systems to provide a consistent situational picture on the bridge. With its trusted sensor technology, its autopilot systems and the Autonomics Navigation Suite, Anschütz is pioneering autonomous and highly automated navigation. Since 2018, SEA.AI has added another sensor layer, closing the situational-awareness gap with machine vision developed for maritime safety. Together, they pair Anschütz's proven authority on the bridge with SEA.AI's detection capabilities that today's sensor systems might otherwise miss.

"Seeing pixels is easy. Turning them into a classified object that Autonomics can act on- a vessel, a buoy, a person in the water, before it becomes a risk- is what SEA.AI's AI does. Combine that with Anschütz's century of experience getting information safely onto the bridge, and collision avoidance can finally act on what it used to miss," said Marcus Warrelmann, CEO, SEA.AI

"With Autonomics, we want to make seafaring safer by providing insightful recommendations and collision avoidance execution assistance based on a clear situation picture to assist and relieve the officers onboard. Reliable detection of and information about small objects, as provided by daylight and infrared cameras as well as SEA.AI's machine vision technology, is the missing link in existing commercial maritime sensor systems that we are about to close. This



Andreas Weidner (Managing Director at Anschütz) |
Marcus Warrelmann (CEO of SEA.AI)

represents a further step towards a decision-support system that commercial crews can rely on in any situation on a real bridge,” said Hans-Christoph Burmeister, Business Development Commercial Markets, Anschütz GmbH

SEA.AI and Anschütz will both attend SMM 2026 in Hamburg, running 1 to 4 September. SEA.AI will be at Stand B8.229 and Anschütz at Stand B6.304, where teams from both companies will be available for meetings, technical briefings, and media interviews about the partnership.

[High-resolution Imagery](#)

About SEA.AI

SEA.AI pioneered maritime machine vision in 2018. Its systems combine optical and thermal sensors with artificial intelligence to detect what conventional sensors such as radar and AIS often miss. Persons overboard, marine mammals, unlit vessels, small craft, containers, semi-submerged logs, and other floating hazards. Day and night, in real time. Operators see what was previously invisible. They have more information, more time to react, and the certainty to act. The technology is built on more than eight years of “real-world” data gathered at sea, and is used across recreational, commercial and security operations, at sea and from fixed installations. More than 1,300 systems are in service worldwide, protecting people, vessels and marine life.

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About Anschütz

Anschütz GmbH is a leading provider of advanced navigation and mission systems for commercial and naval vessels. Headquartered in Kiel, Germany, we combine over 120 years of maritime innovation with cutting-edge technology to deliver safe, efficient and sustainable solutions trusted by shipowners, navies and operators worldwide.

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