Saronic, NVIDIA Form Strategic Collaboration to Chart the Future of Maritime Innovation

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Saronic Technologies and NVIDIA have formed a strategic collaboration to accelerate advancements in maritime autonomy

and robotics and chart a bold course for the future of maritime mobility and global prosperity. By combining Saronic's expertise in autonomous maritime systems, AI, and next-generation shipbuilding with NVIDIA's accelerated compute, software libraries, and Physical AI-focused innovation, the companies aim to advance the frontier of intelligent, resilient decision-making at sea.

"By combining Saronic's deep expertise in maritime autonomy and next-generation shipbuilding with NVIDIA's world-class AI and computing capabilities, we're simultaneously developing the most capable and resilient maritime systems in the world and building the industrial engine to produce them at scale and pace," said Dino Mavrookas, Saronic Co-founder and CEO. "This collaboration reinforces our leadership in maritime innovation and enables us to move even faster to scale the delivery of next-generation autonomous vessels and ships to meet the strategic demands of the maritime domain."

Accelerating Maritime Autonomy with NVIDIA AI and Edge Computing

Today, Saronic harnesses NVIDIA's accelerated compute capabilities, AI models, and development tools across its simulation, software development, and autonomous platform operations. With NVIDIA hardware embedded onboard all Saronic vessels, the platforms are able to run state-of-the-art vision and reasoning models at the edge, enabling real-time decision making as well as single-agent and multi-agent autonomous functions.

By tapping NVIDIA AI models, software libraries, and development environments, Saronic has significantly accelerated its algorithmic flywheel and autonomy development cycle. Tasks that once took days can now be completed in hours, including training, verifying, and deploying new software features. This acceleration allows Saronic to rapidly iterate, harden its autonomy stack, and deliver platforms with

improved resilience, reliability, and performance.

Through this strategic collaboration, Saronic and NVIDIA will deepen their existing relationship and collaborate on joint research and development efforts to advance state-of-the-art technologies for maritime robotics and autonomy. The companies will explore opportunities to leverage NVIDIA’s accelerated computing capabilities and development tools to build, test, and deploy Saronic’s autonomous maritime platforms with even greater speed and efficiency.

Reimagining American Shipbuilding

Saronic is pioneering a new AI-powered approach to ship design and production, transforming legacy shipbuilding processes with AI-driven tools and automation to deliver greater efficiencies, accelerate timelines, and lower costs. This vision reflects the company’s broader ambition: to reindustrialize American shipbuilding for the era of autonomy.

As evidenced by President Trump’s “Restoring America’s Maritime Dominance” Executive Order and the bipartisan SHIPS ACT introduced in both the House and Senate, the federal government is aggressively focused on revitalizing U.S. shipbuilding — mobilizing public-private partnerships, revitalizing domestic yards, and restoring critical maritime industrial capacity. Understanding the urgency of the moment, Saronic and NVIDIA look to collaborate on modernizing U.S. shipbuilding for the era of autonomy and will explore the full spectrum of AI-enablement in shipbuilding. Bringing together Saronic’s production, manufacturing, and shipbuilding expertise with NVIDIA’s virtual facility solutions, simulation capabilities, and AI-powered solutions could help accelerate the transformation of a critical legacy industry.