

Siemens and HD Hyundai sign multi-million-dollar deal to pioneer AI-powered shipbuilding

- **Strategic partnership expanded to create a “digital shipyard” blueprint, addressing the global demand for increased and modernized shipbuilding.**
- **Includes a low-triple-digit million USD agreement for HD Hyundai to adopt the Siemens Xcelerator portfolio of industrial software and automation.**

Siemens and HD Hyundai are expanding their strategic partnership to define the future of shipbuilding with a new “digital shipyard” blueprint. This collaboration, which includes a low-triple-digit million USD agreement for the adoption of the Siemens Xcelerator portfolio by HD Hyundai, directly addresses the growing global demand for greater and more advanced shipbuilding capacity in the U. S. and other markets.

Together, they will create a seamless digital thread connecting engineering, manufacturing, suppliers and shipyard operations. This will enable AI-powered insights, intelligent automation and data-driven decision-making across the entire shipbuilding lifecycle. The integrated digital backbone will help shipyards accelerate production, improve quality and reduce rework. The result will be a more productive, efficient and resilient shipbuilding ecosystem, better equipped to meet growing global demand. The digital shipyard is designed to support both greenfield modernization initiatives and phased transformation programs that allow shipbuilders to modernize without disrupting ongoing operations.

“AI is not merely a tool for improving productivity, but a transformative technology that is reshaping how ships are designed, built and operated,” said H.K. Kim, president & CEO of HD Korea Shipbuilding & Offshore Engineering. “By integrating AI, digital twin and automation technologies into a connected digital shipyard

environment, we aim to establish a future-ready model for the shipbuilding industry. Together with Siemens, we look forward to helping accelerate the digital transformation of shipyards worldwide, while contributing to the modernization and competitiveness of the U.S. shipbuilding industry.”

“To build the world’s most advanced vessels, shipbuilders must manage enormous complexity across millions of components,” said Roland Busch, President and CEO of Siemens AG. “Through our extended partnership with HD Hyundai, we are creating a scalable blueprint for the digital shipyard of the future, with Siemens Xcelerator at its core. By connecting data, software and automation across the shipyard, we are building the operating system for industrial AI – helping shipbuilders increase capacity, improve quality and reduce rework.”

As part of the initiative, HD Hyundai and Siemens will support the launch of a U.S.-Korea Shipbuilding Technology Cooperation Center in Washington, D.C. It is designed to strengthen collaboration between government, industry and technology leaders on the digital future of shipbuilding. It will serve as a platform for exploring modernization strategies, accelerating adoption of digital shipyard technologies, and supporting workforce and industrial development initiatives that strengthen maritime competitiveness in the U.S. and allied markets.

The software tools and technologies of the Siemens Xcelerator portfolio will enable controlled data sharing, configuration management, digital approvals, production visibility, and lifecycle traceability while maintaining design authority and execution responsibility across multiple shipbuilding scenarios.

This press release is available at <https://sie.ag/9WEU1>

Contact for journalists

Wolfram Trost for non-US journalists

Phone: +49 174 1551859; email: wolfram.trost@siemens.com

Charlie Di Pasquale for US journalists

Email: charlie.dipasquale@siemens.com

Siemens AG (Berlin and Munich) is a leading technology company focused on industry, infrastructure, mobility, and healthcare. The company's purpose is to create technology to transform the everyday, for everyone. By combining the real and the digital worlds, Siemens empowers customers to accelerate their digital and sustainability transformations, making factories more efficient, cities more livable, and transportation more sustainable. A leader in industrial AI, Siemens leverages its deep domain know-how to apply AI – including generative AI – to real-world applications, making AI accessible and impactful for customers across diverse industries. Siemens also owns a majority stake in the publicly listed company Siemens Healthineers, a leading global medical technology provider pioneering breakthroughs in healthcare. For everyone. Everywhere. Sustainably.

In fiscal 2025, which ended on September 30, 2025, the Siemens Group generated revenue of €78.9 billion and net income of €10.4 billion. As of September 30, 2025, the company employed around 318,000 people worldwide on the basis of continuing operations. Further information is available on the Internet at www.siemens.com.