Joint Press Release

Press

by Siemens and NVIDIA

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Siemens and NVIDIA Expand Partnership to Build the Industrial AI Operating System

- **Through AI, Siemens and NVIDIA are reinventing the entire end-to-end industrial value chain – from design and engineering to manufacturing, production, operations, and into supply chains**
- **Siemens and NVIDIA to build AI-accelerated portfolio including AI-native electronic design, AI native simulation as well as AI driven adaptive manufacturing and supply chain**
- **Siemens and NVIDIA to design the next generation of AI factories**
- **Siemens and NVIDIA to optimize operations through shared innovation**

Siemens and NVIDIA today announced a significant expansion of their strategic partnership to bring artificial intelligence into the real world. Together, the companies aim to develop industrial and physical AI solutions that will bring AI-driven innovation to every industry and industrial workflow, as well as accelerate each others' operations.

To support development, NVIDIA will provide AI infrastructure, simulation libraries, models, frameworks and blueprints, while Siemens will commit hundreds of industrial AI experts and leading hardware and software.

"Together, we are building the Industrial AI operating system – redefining how the physical world is designed, built, and run - to scale AI and create real-world impact," said Roland Busch, President and CEO of Siemens AG. "By combining NVIDIA's

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leadership in accelerated computing and AI platforms with Siemens' leading hardware, software, industrial AI and data, we're empowering customers to develop products faster with the most comprehensive digital twins, adapt production in real time, and accelerate technologies from chips to AI factories."

"Generative AI and accelerated computing have ignited a new industrial revolution, transforming digital twins from passive simulations into the active intelligence of the physical world," said Jensen Huang, founder and CEO of NVIDIA. "Our partnership with Siemens fuses the world's leading industrial software with NVIDIA's full-stack AI platform to close the gap between ideas and reality — empowering industries to simulate complex systems in software, then seamlessly automate and operate them in the physical world."

Accelerating the Entire Industrial Lifecycle

Siemens and NVIDIA will work together to build AI-accelerated industrial solutions across the full lifecycle of products and production, enabling faster innovation, continuous optimization, and more resilient, sustainable manufacturing. The companies aim to build the world's first fully AI-driven, adaptive manufacturing sites globally, starting in 2026 with the Siemens Electronics Factory in Erlangen, Germany, as the first blueprint.

Using an "AI Brain," – powered by software-defined automation and industrial operations software, combined with NVIDIA Omniverse libraries and NVIDIA AI infrastructure factories can continuously analyze their digital twins, test improvements virtually, and turn validated insights into operational changes on the shopfloor.

This results in faster, more reliable decision-making from design to deployment – raising productivity while reducing commissioning time and risk. The companies aim

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to scale these capabilities across key verticals and several customers are already evaluating some of the capabilities including Foxconn, HD Hyundai, KION Group, and PepsiCo.

With the partnership expansion, Siemens will complete GPU acceleration across its entire simulation portfolio and expand support for NVIDIA CUDA-Xlibraries and AI physics models, enabling customers to run larger, more accurate simulations faster. Building on that foundation, the companies will advance toward generative simulation by using NVIDIA PhysicsNeMo and open models to provide autonomous digital twins that deliver real-time engineering design and autonomous optimization.

Advancing Electronic Design Automation for Accelerated Computing

By applying industrial AI operating logic to semiconductors and AI factories, Siemens and NVIDIA will accelerate the engines of the AI revolution. Starting with semiconductor design and building on NVIDIA's extensive use of Siemens' tools, Siemens will integrate NVIDIA CUDA-X libraries, PhysicsNeMo and GPU acceleration across its EDA portfolio with a focus on verification, layout, and process optimization – to target 2-10x speed-ups in key workflows.

The partnership will also add AI-assisted capabilities such as layout guidance, debug support, and circuit optimization to boost engineering productivity while meeting strict manufacturability requirements. Together, these capabilities will advance AI-native engines for design, verification, manufacturability and digital-twin approaches to shorten design cycles, improve yield, and deliver more reliable outcomes.

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Designing the Next Generation of AI Factories

Siemens and NVIDIA will also jointly develop a repeatable blueprint for next-generation AI factories – accelerating the industrial AI revolution and providing the high-performance foundation for their AI-accelerated industrial portfolios.

This blueprint will balance the next-generation high-density computing demands for power, cooling and automation while ensuring technologies are well positioned for both speed and efficiency - optimizing the full lifecycle, from planning and design to deployment and operations.

The combined effort bridges NVIDIA's AI platform roadmap, AI infrastructure expertise, partner ecosystem and the accelerated power of NVIDIA Omniverse library-based simulation with Siemens' strengths in power infrastructure, electrification, grid integration, automation, and digital twins. Together, the companies aim to accelerate deployment, increase energy efficiency, and improve resilience for industrial-scale AI infrastructure worldwide.

Optimizing Operations Through Shared Innovation

Siemens and NVIDIA aim to accelerate each others' operations and portfolio by implementing technologies on their own systems before scaling them across industries. NVIDIA will assess Siemens offerings to streamline and optimize its own operations and offerings, and Siemens will assess its own workloads and collaborate with NVIDIA to accelerate them and integrate AI into Siemens' customer portfolio. By accelerating one another and improving their own systems, Siemens and NVIDIA are creating concrete proof points of value and scalability for customers.

This press release is available at https://sie.ag/284PWf

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Further information and more details about the partnership of Siemens and NVIDIA:

- Siemens and NVIDIA

Further information on NVIDIA:

- NVIDIA Omniverse
- NVIDIA CUDA-X
- NVIDIA PhysicsNeMo
- Blueprint for next generation AI factories

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NVIDIA (NASDAQ: NVDA) is the world leader in AI and accelerated computing.

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 https://www.siemens.com/.