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Siemens brings AI to the physical world with Eigen Engineering Agent

- **New class of industrial AI product moves beyond AI-powered guidance to autonomous task completion**
- **Now commercially available, Eigen Engineering Agent delivers up to 50 percent efficiency gains in automation engineering tasks**
- **Latest milestone in Siemens' announced €1 billion industrial AI investment advances company's AI-centric growth strategy**

Today at Hannover Messe, Siemens unveiled the Eigen Engineering Agent – moving industrial AI from assistance to autonomous execution. The Eigen Engineering Agent is among the first commercially available AI systems able to plan and execute industrial automation engineering tasks.

Unlike AI tools and copilots that merely generate advice, the Eigen Engineering Agent operates within real engineering systems to plan, execute, and validate tasks, end to end. It understands its projects, writes automation code, configures systems, and iterates until pre-defined performance benchmarks are met. By automating repetitive tasks and delivering validated, ready-to-use results, the Eigen Engineering Agent allows engineers to focus on higher-impact, system-level challenges.

This comes at a time when engineering talent is scarce and manufacturers face pressure to get to market more quickly than ever. The Eigen Engineering Agent produces two to five times faster execution than manual workflows – and at a speed that doesn't compromise accuracy or reliability. In assigned tasks, the Eigen Engineering Agent delivers up to 80 percent higher overall solution quality and 50 percent greater engineering efficiency.

“This is a defining moment for industrial AI – where the technology becomes as easy to use as consumer AI, yet far more consequential,” said Peter Koerte, member of the Managing Board of Siemens AG and the company’s Chief Technology Officer and Chief Strategy Officer. “The Eigen Engineering Agent creates concrete business value for our customers. And it has the potential to fundamentally transform how they design, build, and operate the industrial systems we rely on.”

In pilot deployments with more than 100 companies in 19 countries, the Eigen Engineering Agent accelerated common engineering tasks such as programmable logic controller (PLC) coding, human-machine interface (HMI) visualization, and device configuration. Pilot customers included Austrian ANDRITZ Metals, China’s CASMT, and U.S.-based Prism Systems.

“At ANDRITZ, we believe AI will fundamentally transform industrial engineering,” said Michael Luu, Head of Engineering Processes & Electric at ANDRITZ Metals. “It has the potential to unlock massive gains in productivity, cost efficiency, and overall competitiveness. We are proud to shape this future together with Siemens through innovations such as the Eigen Engineering Agent.”

“This is an AI assistant truly built for industrial automation,” said Kevin Firouzian, Head of Global Strategy & Partnerships at CASMT. “For our EMB (electromechanical braking) line, the Eigen Engineering Agent transformed a complex, multi discipline challenge into a conversational workflow. It simplified setup, reduced specialist handoffs, accelerated delivery, and made debugging significantly faster.”

“Tools like ChatGPT showed us how powerful AI can be, and engineers quickly recognized their potential,” said John Elias, President at Prism Systems. “The challenge has been bringing that capability into real industrial workflows. Siemens’ latest tools help close that gap, allowing us to apply AI in a way that truly supports engineering and automation.”

The Eigen Engineering Agent is production-ready and available to the more than 600,000 users of Siemens' Totally Integrated Automation Engineering platform, TIA Portal. It is part of the Siemens Xcelerator portfolio and is digitally available now.

The Eigen Engineering Agent takes its name from the German word "eigen." While the word translates to "one's own," engineers know it best through concepts like "eigenvalues," which are properties that remain constant even as everything around them transforms. As the AI landscape transforms rapidly and physical AI matures, the Eigen Engineering Agent is designed to be that constant: a steady source of intelligence, rooted in Siemens' industrial heritage and capable of carrying out real work.

While initial use cases focus on automation engineering workflows, the Eigen Engineering Agent is designed to expand across the industrial value chain. It reflects growing momentum behind Siemens' push to scale AI in the physical world.

This product launch is part of Siemens' €1 billion investment in industrial AI, announced in November last year, and follows news of the company's increased growth targets driven in part by its expanding AI leadership.

Today, Siemens has more than 1,500 AI experts and holds more than 2,000 AI patent families worldwide. With an ambition to create an industrial AI operating system for the physical world, the company is embedding AI across its portfolio and creating new AI-native products, such as the Eigen Engineering Agent.

For further information on Eigen Engineering Agent, please see www.siemens.com/eigen-engineering-agent

This press release and press pictures are available at <https://sie.ag/4jLHmT>

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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.