SIEMENS

Press

Plano, Texas, USA – May 19 2025

Siemens to bring advanced timing constraint capabilities to EDA design flow with Excellicon acquisition

- **Acquisition enables System-on-a-Chip (SoC) designers to accelerate design closure and enhance functional and structural constraint correctness with industry-proven timing constraints management**

Siemens Digital Industries Software announced today that it has entered into an agreement to acquire Excellicon. This will bring Excellicon's best-in-class software for the development, verification, and management of timing constraints to Siemens' EDA portfolio of software for IC design. The planned acquisition enables Siemens to deliver an innovative approach to both implementation and verification flows - enabling System-on-a-Chip (SoC) designers to improve power, performance and area (PPA), accelerate design closure, enhance functional and structural constraint correctness, improve productivity and address key gaps in the current workflows.

The SoC design landscape is rapidly evolving, driven in part by growing design complexity. Timing constraints management is required throughout the design process to meet power, performance, area and time-to-market requirements.

"Effective timing constraints management is crucial for the overall success of semiconductor system-on-chip designs," said Mike Ellow, CEO, Siemens EDA, Siemens Digital Industries Software. "Excellicon's constraint verification and management solution complements Siemens' existing EDA offerings and expands our portfolio into key market segments in flows with the Questa, Tessent, Aprisa and PowerPro products."

Siemens AG
Communications
Head: Christiane Ribeiro

Werner-von-Siemens-Strasse 1
80333 Munich
Germany

Reference number: HQDIPR202505167166EN

The addition of Excellicon's comprehensive, proven product portfolio covers the entire spectrum of timing constraints authoring, compiling, verification, formal validation and management using a multi-mode approach that bridges early design concepts with their physical implementation - offering insights into partitioning schemes for optimal floorplans and timing. The integration of Excellicon's timing constraint verification and management technology into Siemens will strengthen both implementation and verification flows.

"We are delighted to join Siemens and bring our knowledge and expertise in timing constraints management to the wider Siemens EDA community," said Himanshu Bhatnagar, CEO, Excellicon. "Together, we'll be able to provide better process coverage and enable our customers to deliver robust innovation to market more quickly and overcome the ever-growing complexity challenges facing the IC industry."

Founded in 2009 in Laguna Hills, USA, Excellicon develops tools for timing constraints used in digital design and verification workflow. Terms of the acquisition, which is expected to close in a few weeks, were not disclosed.

To learn more about how Siemens is delivering the world's most comprehensive portfolio of electronic design automation (EDA) services visit: http://www.siemens.com/eda

Siemens Digital Industries Software helps organizations of all sizes digitally transform using software, hardware and services from the Siemens Xcelerator business platform. Siemens' software and the comprehensive digital twin enable companies to optimize their design, engineering and manufacturing processes to turn today's ideas into the sustainable products of the future. From chips to entire systems, from product to process, across all industries. Siemens Digital Industries Software – Accelerating transformation.

Contact for journalists
Siemens Digital Industries Software PR Team
Email: press.software.sisw@siemens.com

Siemens Digital Industries (DI) empowers companies of all sizes within the process and discrete manufacturing industries to accelerate their digital and sustainability transformation across the entire value chain. Siemens' cutting-edge automation and software portfolio revolutionizes the design, realization and optimization of products and production. And with Siemens Xcelerator – the open digital business platform – this process is made even easier, faster, and scalable. Together with our partners and ecosystem, Siemens Digital Industries enables customers to become a sustainable Digital Enterprise. Siemens Digital Industries has a workforce of around 70,000 people worldwide.

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 2024, which ended on September 30, 2024, the Siemens Group generated revenue of €75.9 billion and net income of €9.0 billion. As of September 30, 2024, the company employed around 312,000 people worldwide on the basis of continuing operations. Further information is available on the Internet at www.siemens.com.