

Siemens invests in Skeleton Technologies expanding its data center portfolio

- **Strategic investment and exclusive partnership expand Siemens' position in the fast-growing AI factories space**
- **Siemens will integrate Skeleton's supercapacitor technology into its end-to-end electrical infrastructure portfolio**
- **Global partnership gives Siemens exclusivity to sell and scale Skeleton's products in the data center market. The new product range expands Siemens' offering from the grid connection to the AI rack**

Siemens is expanding its data center portfolio through a strategic investment and exclusive partnership with Skeleton Technologies. Skeleton Technologies is a developer and manufacturer of high-power energy storage systems, specializing in supercapacitors to manage transient power spikes and peak shaving solutions. The partnership strengthens Siemens' position in the fast-growing data centers space by adding high-performance supercapacitor technology to its electrical infrastructure portfolio. As a leading technology company, Siemens supports customers across the entire data center ecosystem from the utility connection to the white space and is a trusted partner relied upon by nine of the top ten global data center providers. Siemens has been supporting Skeleton Technologies as a technology partner since 2022 and has also been involved as an investor since 2023. With this, Siemens is continuously strengthening its role in the AI infrastructure ecosystem.

The new offering addresses a central constraint on the expansion of data centers: massive, rapid and recurring swings in electricity demand. AI workloads synchronize thousands of powerful chips, whose power demand can rise or fall within milliseconds and aggregate into swings at megawatt scale in seconds.

Skeleton's supercapacitors solve this industry challenge by acting as an electrical shock absorber, absorbing these rapid power swings, protecting valuable equipment and the grid while helping operators increase compute density and limiting the need for costly and time-consuming upgrades to existing facilities. The offering is aimed at the expansive ecosystem, building out hyperscale data centers and AI Factories. It is designed to enable higher-density AI deployments, reduce utility-side power disturbances and accelerate the deployment of new capacity without a complete facility redesign. The solution can be deployed in existing AC architectures and retrofit projects, while providing a pathway toward future 800V DC standards.

"The race to scale AI is increasingly becoming a race for power. Data center operators need ways to expand capacity faster without waiting years for new grid and facility infrastructure. Our strategic investment into Skeleton addresses exactly this challenge. By combining Siemens' electrical infrastructure expertise with Skeleton's breakthrough supercapacitor technology, we can help customers unlock more AI capacity, improve resilience and accelerate growth in a rapidly expanding market," said Peter Koerte, Member of the Managing Board of Siemens AG and President Smart Infrastructure.

"Our partnership with Siemens brings together Skeleton's innovation and Siemens' global industrial scale to accelerate the deployment of AI infrastructure, unlock more computing power and improve energy efficiency. This winning combination gives us the strongest value proposition in the AI power infrastructure market, and we plan to become the world's largest provider of white-space power systems for AI data centers," said Taavi Madiberk, CEO and co-founder of Skeleton Technologies.

"Skeleton's portfolio perfectly complements Siemens' comprehensive data center offering. Our combined innovation roadmap will deliver benchmark solutions for the white space of next-generation data centers, delivered by a strong manufacturing network across Europe and the USA," said Markus Grabmeier, President of Electrical Products at Siemens AG.

The transactions will be completed following the fulfilment of customary completion formalities.

This press release as well as press pictures are available here:

<https://sie.ag/6BeKcR>

Contact for journalists

Siemens AG

Daniela Markovic (business media)

Phone: +49 172 6998785; E-mail: daniela.markovic@siemens.com

Tamara Hamdan (business media)

Phone: +41 7939 53208; E-mail: tamara.hamdan@siemens.com

Christian Wilson (trade media)

Phone: +49 172 1385608; E-mail: christian_stuart.wilson@siemens.com

Skeleton Technologies

Arnaud Castaignet (business and trade media)

Phone: +372 5669 9602; E-mail: arnaud.castaignet@skeletontech.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.

Skeleton Technologies is a leading provider of high-power systems for AI infrastructure. From IT racks to the grid, Skeleton's solutions manage rapid power fluctuations, improve energy efficiency, and unlock more computing power. Built on proprietary Curved Graphene material and high-power supercapacitor technology, its products benefit from more than a decade of industrial experience across data centers, power grids, mobility, aerospace, and defense. To learn more, visit www.skeletontech.com.