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Joint Press Release

by Siemens and Rittal

Zug, Switzerland, Herborn, Germany, March 17, 2026

AI applications require a paradigm shift in data centers

Siemens and Rittal partner to design data center infrastructure of the future

- **Strategic partnership to develop future-proof and highly efficient power distribution solutions**
- **Addresses at first rapidly increasing AI-driven data center power densities, aiming for standardized IEC infrastructure**
- **Key developments include a next generation "sidecar" power rack that delivers fast, scalable, and standardized power directly in the data center white space**

Siemens and Rittal have entered a strategic partnership to jointly develop future-proof, sustainable solutions for more efficient data center power distribution in the IEC market. The standardized infrastructure is intended to accelerate the construction of high-performance data centers, minimize time-to-compute, and address the rapidly increasing power densities of AI applications.

In AI data centers, power densities exceeding 100 kW per rack have become the norm. By 2030, the power density could increase to more than 1 MW. This requires innovative architecture for power distribution, cooling, and heat recovery. To address this, Siemens Smart Infrastructure, a leading international technology partner for efficient and safe power distribution, is partnering with Friedhelm Loh Group and its largest company Rittal, a global supplier of racks and standardized infrastructure, including power and cooling for leading hyperscalers.

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"We have a long-standing collaboration with Siemens in a number of fields. We are proud to be taking our partnership to the next level," said Prof. Dr. Friedhelm Loh, owner and CEO of the Friedhelm Loh Group. "Both companies are driven by the desire to innovate. As technology leaders, we have a responsibility to keep strengthening our customers' competitiveness with the latest technologies."

One of the first joint solutions will be a "sidecar" application that is housed directly in the white space of a data center, where the server cabinets and data storage are located. By bundling the power electronics in a dedicated power rack that supplies the server racks, this type of power supply represents a breakthrough for future AI applications. It provides computing units with a fast, simple, standardized, and scalable supply of power. OCP standards and the modular solution with tested technology from Rittal and Siemens ensure fast deployment, high availability, reliable operation, and maximized tokens-per-watt. These are the prerequisites for quickly bringing these relevant technologies to the digital economy.

"To enable the rapid growth of AI, we need smart, reliable, and scalable power supply solutions for data centers and we need them quickly. In combination with our innovative electrical products and solutions, Rittal is an ideal partner when it comes to speed and standardization in infrastructure," said Andreas Matthé, CEO Electrical Products at Siemens Smart Infrastructure.

Other Siemens and Rittal projects include the development of a standardized low-voltage distribution system for modular and containerized data centers as well as optimized solutions for operational and personal safety. The first customer projects are already underway.

These data center applications are made possible by the coordinated components from Siemens and the power distribution platforms RiLineX and Ri4Power from Rittal Energy & Power Solutions.

The collaboration between Siemens and Rittal is set to extend to other industries and applications in the future.

This press release as well as press pictures are available [here](#).

For more information on Siemens Smart Infrastructure, please see [here](#).

For more information on Rittal, please see [here](#).

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Siemens Smart Infrastructure (SI) is shaping the market for intelligent, adaptive infrastructure for today and the future. It addresses the pressing challenges of urbanization and climate change by connecting energy systems, buildings, and industries. SI provides customers with a comprehensive end-to-end portfolio from a single source – with products, systems, solutions, and services from the point of power generation all the way to consumption. With an increasingly digitalized ecosystem, it helps customers thrive and communities progress while contributing toward protecting the planet. To protect this journey, we foster holistic cybersecurity to ensure secure and reliable operations. Siemens Smart Infrastructure has its global headquarters in Zug, Switzerland. As of September 30, 2025, the business had around 79,400 employees 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 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.

Rittal is a leading global systems provider for hardware, software and automation. Its solutions for industrial, IT, energy, power and cooling applications are used in over 90 per cent of industries worldwide – standardised, customised and of the highest quality. Our delivery promise: Rittal series products are delivered within 24 hours in Germany and within 48 hours in Europe. With a combination of hardware, software and automation, Rittal, Rittal Software Systems (Eplan, Cideon) and Rittal Automation Systems (RAS, Ehrt, Alfra) optimise and digitise their customers' processes along the entire value chain – from control and switchgear manufacturing to mechanical engineering and the manufacturing industry to the energy sector and IT infrastructure. The companies are driving AI forward in industry and enabling high-performance IT infrastructure for AI applications worldwide.

Environmental and climate protection, social commitment and ethical corporate governance are a given for Rittal. We take our responsibility for a sustainable future seriously. Our approach to conserving resources includes optimising our own production processes, minimising the carbon footprint of our products and providing solutions that support our customers in achieving their climate targets. With a 'Gold' rating from the independent rating agency EcoVadis, Rittal ranks among the top 5 per cent of the companies assessed.

Family business and global player: Rittal was founded in 1961 and is the largest company in the owner-managed Friedhelm Loh Group. The family business stands for clear, lived values that unite ownership, management and staff. The Friedhelm Loh Group is internationally successful with 13 production sites and 95 subsidiaries, employs 12,600 people and achieved a turnover of 3.1 billion euros in 2024. In 2023, it was awarded 'Best Place to Learn' and 'Employer of the Future'. In 2025, Rittal received the Top 100 seal for the fourth time in a row as one of the most innovative medium-sized companies in Germany. The Rittal plant in Haiger achieved overall victory in the 'Factory of the Year' benchmark competition in 2025, ranking it as one of the best factories in Europe.

Further information can be found at www.rittal.com and www.friedhelm-loh-group.com.