

by **Siemens and Rittal**

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Siemens and Rittal enter into strategic partnership for data center energy infrastructure

- **The goal is to create a standardized infrastructure for power distribution in data centers**
- **The first step is to establish a fast, standardized power supply directly in the heart of a data center**

Siemens and Rittal have entered into a strategic partnership to jointly develop future-proof, sustainable solutions for more efficient power distribution in data centers. The standardized infrastructure is designed to accelerate the construction of high-performance data centers, minimize time-to-compute, and address the rapidly increasing power densities of AI applications. The collaboration targets the market in which the electrical codes and standards of the International Electrotechnical Commission (IEC) are recognized and used, which covers a large number of countries worldwide.

In AI data centers, power densities exceeding 100 kW per rack have become the norm. By 2030, power density could increase more than tenfold. This requires new architectures for power distribution, cooling, and heat recovery. To address this, Siemens is partnering with the Friedhelm Loh Group and its largest company, Rittal, a global provider of racks and standardized infrastructure, including power and cooling for leading cloud providers.

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One of the first joint solutions will be an application that is housed directly in the heart of a data center where the server cabinets and data storage are located. By bundling the power electronics in a separate power rack that supplies the server cabinets, this type of power supply represents a breakthrough for future AI applications. 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 being implemented. The collaboration between Siemens and Rittal is expected to extend to other industries and applications in the future.

This press release is available at <https://sie.ag/CALe7>

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Joint Press Release by Siemens and Rittal

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 percent of industries worldwide – standardized, customized and of the highest quality. Our delivery promise: Rittal standard products are delivered in Germany within 24 hours, and within 48 hours throughout Europe. Our approach: Rittal, Rittal Software Systems (Eplan, Cideon) and Rittal Automation Systems (RAS, Ehrt, Alfra) combine their hardware and software expertise to streamline, optimize and digitalize processes across the entire value chain for our customers including their IT infrastructure – from control and switchgear construction, machine building to factory operators or the energy sector. 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 management are a given for Rittal. We take our responsibility for a sustainable future seriously. Our approach to resource management and conservation involves continuous improvement of our own production processes and ensuring that our products have the lowest possible Product Carbon Footprint. Our solutions support our customers in achieving their own climate targets. With a “Gold” rating from independent rating agency EcoVadis, Rittal ranks among the top 5 percent of companies assessed.

Family business and global player: Founded in 1961, Rittal is the largest company in the owner-operated Friedhelm Loh Group. The family business stands for clear, lived values that unite ownership, management and staff. The group operates worldwide, with more than 13 production sites and over 95 international subsidiaries. It has more than 12,000 employees and posted revenues of 3.1 billion euros in fiscal 2024. In 2023, the Friedhelm Loh Group was presented with the “Best Place to Learn” and “Employer of the Future” awards. 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.

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