

Siemens, Cadolto and Legrand introduce new modular edge data center

- **Fast, scalable and sustainable: modular data center solution**
- **Siemens as technology partner offers energy and building automation systems with flexible financing from a single source**
- **Solution suitable for standard data processing as well as high-performance AI applications**

Siemens and the two German partner companies Cadolto Datacenter GmbH and Legrand Data Center Solutions jointly present a next-generation modular edge data center. Edge data centers are smaller in size compared to traditional data centers and are geographically closer to the users and the devices that generate or process data. The advantage of the modular design lies in the standardized individual elements, which allow the data center to be flexibly designed and adapted to different customer needs. The turnkey solution is engineered for speed in construction and commissioning, scalability and sustainability.

As a technology partner, Siemens provides medium- and low-voltage power distribution, building automation, fire protection, and security systems. With Siemens Financial Services providing flexible financing and rental models. Cadolto Datacenter acts as manufacturer and general contractor of the modular edge data center, delivering the prefabricated modular building with integrated climate control. Legrand Data Center Solutions brings its expertise in IT white space infrastructure.

The data center market continues to grow rapidly, with a projected annual rate of 10.9 percent through 2030. As demand for reliable, high-performance computing accelerates – driven by AI, edge processing, and data-intensive applications – businesses need more than just capacity. They need agile, efficient, and rapidly

deployable infrastructure that scales. This new modular solution delivers just that: a fully integrated, plug-and-play data center that can be configured, installed, expanded, and relocated with ease. With planning cycles as small as six to 12 months, the data center supports everything from basic workloads to high-density, AI-powered computing.

The fully equipped, energy-efficient data centers are suitable for both permanent operation and interim use, such as test setups in the automotive sector, space-constrained office locations, or even disaster recovery scenarios. "IT-ready" rental models enable fast deployment without upfront investment, making them ideal for temporary IT hubs, lab environments, or other short-term infrastructure needs.

With approximately 30 percent fewer CO₂ emissions during construction, a 90 percent recycling rate, and fully reusable components, the modular edge data center is a future-forward approach to sustainable digital infrastructure.

This press release you can find [here](#)

This trade press release as well as press pictures are available
<https://sie.ag/7KNXQP>

For more information on Siemens solutions for data centers, 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, 2024, the business had around 78,500 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 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.