New Rittal RiMatrix Micro Data Centers

Rittal in Hall 3, Booth 121 at the SPS

From 8 to 10 November 2022 in Nuremberg, Germany

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An efficiency bundle for even greater speed

They are compact, powerful, and fully-fledged homes for IT hardware. Rittal RiMatrix Micro Data Centers, with such matching OT components as rack, power, cooling, monitoring and security, ensure that the IT is securely packaged and operates with the smallest carbon emissions, regardless of the location. Moreover, the combination of global standardisation and adaptability means that these new packages make even better use of their advantages.

Herborn, 08 November 2022 – Digital transformation is reaching more areas in everyday life and industry. This is also changing the demands on the IT infrastructure. Rapidly growing data volumes must be processed directly on site far more frequently, whether for reasons of latency in edge computing in the factory or to send fewer data to the cloud. The goal is to increase data sovereignty and cut latency times. Therefore, IT infrastructures must be fast to implement, as well as powerful, highly available, well-protected and energy-efficient.

**High protection levels in a confined space**

This is ensured by the RiMatrix Micro Data Center, a compact home for fully fledged data centres with every key OT system elements such as matching rack, power, cooling, monitoring and security features. Besides being used as an edge data centre in harsh environments, it can also provide the complete IT infrastructure for administrations and supermarkets without extensive structural changes, for example. The RiMatrix Micro Data Center can also back up data at locations calling for a high level of physical protection.

**Standardised, adaptable and climate-friendly**

The new Rittal Micro Data Centers are pre-configured for different output classes and applications, with feasibility checks for customised applications. They are available worldwide and fast. This saves time, speeds up configuration and cuts energy consumption, as the components in the overall system are coordinated.

Rittal has also developed a configurator that allows sales partners to select the right data centres for their clients. This online tool offers a feasibility check, ensures an error-free ordering procedure, and slashes the time needed for selection, delivery and commissioning.

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**Caption**

Micro Data Center.jpg: The new Rittal Micro Data Centers are pre-configured for various output classes and applications. They can also be adapted for individual applications with feasibility checks and are available worldwide and quickly.

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**About Rittal**

Rittal, headquartered in Herborn, Germany, is a leading global provider of solutions for industrial enclosures, power distribution, climate control and IT infrastructure, as well as software and services. Systems made by Rittal are deployed in over 90 per cent of all industries across the world, including machine building and plant engineering, food and beverage, and IT and telecommunications.

The international market leader’s product portfolio includes configurable enclosures, with data available across the entire production process. Smart Rittal cooling systems, with up to 75 per cent lower power and a great carbon emissions advantage can communicate with the production landscape, enabling predictive maintenance and servicing. The offering also includes innovative IT products, from IT racks and modular data centres, to edge and hyperscale computing solutions.

Leading software providers Eplan and Cideon support the value chain, providing interdisciplinary engineering solutions, while Rittal Automation Systems offers solutions for switchgear. Within Germany, Rittal can supply products on demand within 24 hours – with precision, flexibility and efficiency.

Founded in 1961, Rittal is the largest company in the owner-operated Friedhelm Loh Group. The Friedhelm Loh Group is active worldwide, with 12 production sites and 90 international subsidiaries. It has more than 11,600 employees and posted revenues of € 2.6 billion in fiscal 2021. In 2022, the family-run business was named one of Germany’s leading employers by the Top Employers Institute, for the 14th year running. Within the scope of a Germany-wide survey, Focus Money magazine identified the Friedhelm Loh Group as one of the nation's best providers of vocational training for the fifth time in 2021. In 2022, Rittal was awarded the Top 100 Seal as one of Germany’s most innovative medium-sized companies.

For more information, visit www.rittal.com and www.friedhelm-loh-group.com.