RiZone OTM Suite from Rittal

Rittal at Hannover Messe

17 to 21 April 2023

in Hall 11, Booth E06

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Greater transparency and energy efficiency in data centres

**For a long time, energy consumption in data centres went unquestioned. Those days are gone. Energy demand here is rising steadily. Yet a potential for savings exists. One lever is the OT (Operational Technology) of a data centre. The optimised management of the OT layer and monitoring of the physical systems is now possible with the new RiZone OTM Suite from Rittal. This solution targets availability, security and optimised energy consumption in the data centre.**

Herborn/Hanover, 20. April 2023 – Energy demand in the data centre is increasing rapidly and represents a huge cost factor for operators, especially in times of high energy prices. Influencing factors include digitalisation and thus a growth in data traffic, as well as greater use of the cloud. Data centres are also providing more and more power to enable data to be processed faster and more efficiently.

With the RiZone OTM Suite, system provider Rittal is offering a solution that, among other things, aims to reduce energy requirements while ensuring higher availability and security for the OT layer in the data centre. The new RiZone OTM Suite now makes possible the optimised management of the OT layer and monitoring of such physical systems as the rack, power and cooling.

The RiZone OTM Suite enables energy monitoring and thus contributes to increasing the energy efficiency. “Only when there is precise knowledge of consumption can it be optimised and downstream energy management performed. With the RiZone OTM Suite, we are boosting transparency by recording and measuring energy data. This data can then be evaluated and analysed in detail. For example, load peaks become visible and suitable energy-saving measures can be initiated. This not only benefits data centre operators, but also the carbon footprint,” says Thorsten Weller, Business Owner Management Software at Rittal

**Future-proof microservice architecture**

The RiZone OTM Suite includes multiple modules tailored to the specific needs of data centres, such as OT Device Monitoring, Power Management and Dynamic Cooling Optimisation. Rack-level access management ensures secure operation and auditability for physical data protection.

The RiZone OTM Suite is based on German Edge Cloud’s ONCITE DPS technology.This means it can be easily integrated into existing environments and scaled horizontally as needed, thanks to the flexible microservices architecture and APIs (Application Programming Interface). This gives it a high degree of flexibility, putting it well ahead of solutions from competitors who rely on rigid monolithic software architecture.

At Booth E06 in Hall 11 at the Hanover Fair, Rittal will be showing the RiZone OTM Suite in live operation, managing data centre operating technology at Rittal’s Haiger plant.

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**Images**

Image 1 (fri23204900.jpg): The optimised management of the OT layer and monitoring of the physical systems is now possible with the new RiZone OTM Suite from Rittal. This solution targets availability, security and optimised energy consumption in the data centre.

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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 further add value by providing cross-discipline design and engineering services, 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 95 international subsidiaries. It has more than 12,000 employees and posted revenues of € 3 billion in fiscal 2022. 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 2023, Rittal was awarded the Top 100 Seal as one of Germany’s most innovative medium-sized companies for the second time running.

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