

With Green-IT at the Data Centre World

SCHÄFER IT-Systems presents new cooling products and edge rack solutions

Neunkirchen, 4th October 2021. On 8th and 9th December 2021, SCHÄFER IT-Systems, the specialist for data centre infrastructure, data centre cooling solutions and network technology, will be presenting the latest developments in its iQdata portfolio at the Data Centre World in Frankfurt in hall 3.1, stand D15. The main focus will be on systems in field of energy efficient IT cooling and edge computing. The aim of the trade fair attendance is to show visitors the advantages of green IT, to present IT systems without refrigerants and to establish contacts with potential national and international cooperation and business partners.

In their iQdata Cooling segment, SCHÄFER IT-Systems will be presenting a series of new developments in cooling systems, such as the space-saving In-RackCooler, the SideCooler, the Slot-InCooler and the WallCooler. These coolers have at least one feature in common: their cooling medium is pure water, rather than an environmentally damaging refrigerant. Depending on design and type, these cooling products are suitable for decentralised, centralised or high-density IT architectures. The Economy series is aimed at the broad market of decentralised IT locations, while the high-performance Enterprise series is used especially in colocation and data centres. The HPC series is intended for high-performance computing.

Increasing digitalisation and the rise in data streams have seen decentralised systems at the "edge", the outer edge of the infrastructure, gaining importance when data is processed directly at its point of origin. Compact and robust IT cabinets are ideal edge computing solutions. For this reason, SCHÄFER IT-Systems has extended its iQdata Rack portfolio with two scalable innovations: Edge Rack and Edge Row. A prominent example of this is the so-called iQdata branch cabinet – a decentralised complete solution which can be adapted to specific applications. The designated cabinet systems can be stocked in the roll-out at the Betzdorf plant and delivered "just-in-time" to decentralised locations within the framework of predefined logistics processes.

"As a full-range supplier of rack-based air-conditioning solutions with an output of up to 60 kW, we are seen as the market leader. To reduce energy costs further, we are also a driver of innovation with our environmentally friendly, water-based cooling systems in free cooling and waste heat utilisation. With iQdata Rack, we offer customised, tailor-made IT infrastructure solutions and our branch solutions are also new. Among other things, Data Centre World is an opportunity for us to talk to potential business and cooperation partners. And at stand D15 in hall 3.1, we'll be creating the right setting for this with our Green-IT motto", says Thomas Wermke, who, as Business Unit Director at SCHÄFER Ausstattungssysteme GmbH, is also responsible for sales at SCHÄFER IT-Systems.

As part of its iQdata product portfolio, this manufacturing company offers system solutions that can fully equip entire data centres, ranging from sustainable cooling systems with waste heat utilisation, modular IT racks, intelligent power supplies and IT cabinets, right up to failsafe rack monitoring and services.

For information on Data Centre World Frankfurt 2021, visit: www.datacentreworld.de

Image and caption:

Fig. 1: DCW-Frankfurt-2021_Bild-1_(c)_Schaefer-Werke-GmbH.jpg

Caption: Green IT with 100 % water-based cooling solutions from SCHÄFER IT-Systems

About SCHÄFER IT-Systems (www.schaefer-it-systems.com):

SCHÄFER IT-Systems, an innovative manufacturer of made-to-measure network and server cabinet and data centre solutions for both conventional and complex applications, is part of the internationally successful company SCHÄFER WERKE.

This owner-led enterprise is headquartered in Neunkirchen in Germany's Siegerland region and operates globally with diversified business areas: EMW Steel Service Centre, perforated sheets, expanded metal, standard and special containers in stainless steel and installations for data centres, workshops and factories, as well as data management systems for load carriers. The work of all these divisions is based on high-quality fine steel sheet. The processing of this material is one of the core competencies of this enterprise.

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