

### Edge computing systems for the Vienna Health Association

#### A modular iQdata solution lies at the heart of the future-proof technology

Neunkirchen, 11<sup>th</sup> July 2023. The Wiener Gesundheitsverbund ("Vienna Health Association") has equipped a clinic with a compact, decentralised data centre. The core of the edge computing systems is located in iQdata container modules from SCHÄFER IT-Systems. Two important advantages of this flexible solution are its scalability and future-readiness. The project was planned and implemented by SCHÄFER in cooperation with its long-standing partner SCHRACK TECHNIK. Both companies were able to contribute their strengths to the project. The customer received a custom solution based on tried-and-tested components. For security reasons, we have agreed not to disclose the clinic and its location.

In the last few years, a clinic site of the Vienna Health Association (WIGEV) had to be partially demolished and extensively renovated – the building structure dates back to 1907. One of the buildings concerned housed the former ICT room – the hub for the entire clinic IT. This raised the question of where it should go. WIGEV opted for a modular container solution from SCHÄFER IT-Systems.

In concrete terms, the solution comprises two container modules. Each module is infrastructurally based on a water-based air-conditioning concept and provides 32 square metres of space for two server rooms. The two modules were positioned in strategic locations. Each of the two containers has a connected load of 30 kW, which can be increased to 45 kW.

Six IS-1 edge racks are installed in each iQdata module in a hot aisle containment system. To keep the IT equipment cool, waste heat is dissipated via two SideCoolers with water chillers. The power supply is designed to be fail-safe by means of an uninterruptible power supply (UPS). IT monitoring, fire detection and extinguishing, video surveillance and access control are integrated into the containers to ensure continuous operation and security.

Find information about iQdata edge computing at: [\*\*Click iQdata edge computing\*\*](#)

Find information about Schrack Technik at: [\*\*Click Schrack Technik\*\*](#)

## PRESS RELEASE

### Images and captions:

First image: WIGEV\_Bild-1\_(c)\_Schaefer-Werke-GmbH.png

Caption: Each of the two iQdata container modules has a connected load of 30 kW, which can be expanded by 50 per cent to 45 kW.

Second image: WIGEV\_Bild-2\_(c)\_Schaefer-Werke-GmbH.png

Caption: Extensive monitoring equipment increases the reliability of the decentralised edge computing systems.

### About SCHÄFER IT-Systems ([www.schaefer-it-systems.com/en/](http://www.schaefer-it-systems.com/en/)):

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, fully recyclable standard and special containers in stainless steel and installations for data centres as well as workshops and factories. 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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