

# Rittal – The System.

Faster – better – everywhere.

## A future-proof data centre for Swiss railway operator SOB

### CUSTOMER REFERENCES

Information technology



**Customer:** Schweizerische Südostbahn AG  
**Industry:** Railway company  
**Company size:** about 544 employees  
**Established:** 2001  
**Headquarters:** St. Gallen, Switzerland

SOB (Schweizerische Südostbahn) is a Swiss regional railway company jointly owned by local and central government. It serves some 13 million passengers per year. The punctuality of its trains is a top priority, which means

extremely reliable IT is a must. To minimize outages, SOB decided to establish a backup data centre, and turned to Rittal to design, plan and build the new facility.

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## THE PROJECT

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### The Challenge

- Conception, planning and realization of a tailor-made backup DC in limited space

### The Solution

- Modular and easy to access DC, modular and tailor-made rack system, integrated in-row cooling, sensor based monitoring as well as UPS unit



### Efficient use of limited space

The space available to house the backup data centre was limited and with an irregular floorplan. Rittal Switzerland designed a layout tailored to these constraints. It includes an enclosure system, integrated in-row cooling and UPS, and sensor-based monitoring. The solution is scalable, giving SOB a high degree of investment protection.

### End-to-end project execution by a committed team

Rittal took a holistic approach to managing and executing the project, organising and coordinating all construction activities efficiently and effectively. While the designated installation space was being prepared, Rittal configured the enclosures and corresponding components. The pre-configured system was delivered and installed en bloc. In other words, SOB was supplied with a turnkey equipment room ready for the installation of the IT hardware.

SOB praises Rittal's commitment to providing a truly end-to-end service. Engineering, planning, and implementation were performed with great care – and to the highest professional standards.

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