Colocation Factsheet RDC

upstreamNet
backbone connectivity – colocation

Factsheet RDC data center

Address: Stadlauer Str. 66, 1220 Vienna

About the data center RDC (Raiffeisen Data Center)

Raiffeisen Informatik's new data center is one of the most powerful, secure and modern data centers in Austria. With a system room area of around 2,400 m², it was designed for the rapidly growing global data volumes and all the associated technological challenges.

High bandwidths and comprehensive network management guarantee smooth data traffic to permanently ensure secure access to your data. At the same time, scalable service offerings - based on virtualized computing and storage systems - enable dynamic adaptation to your future requirements.

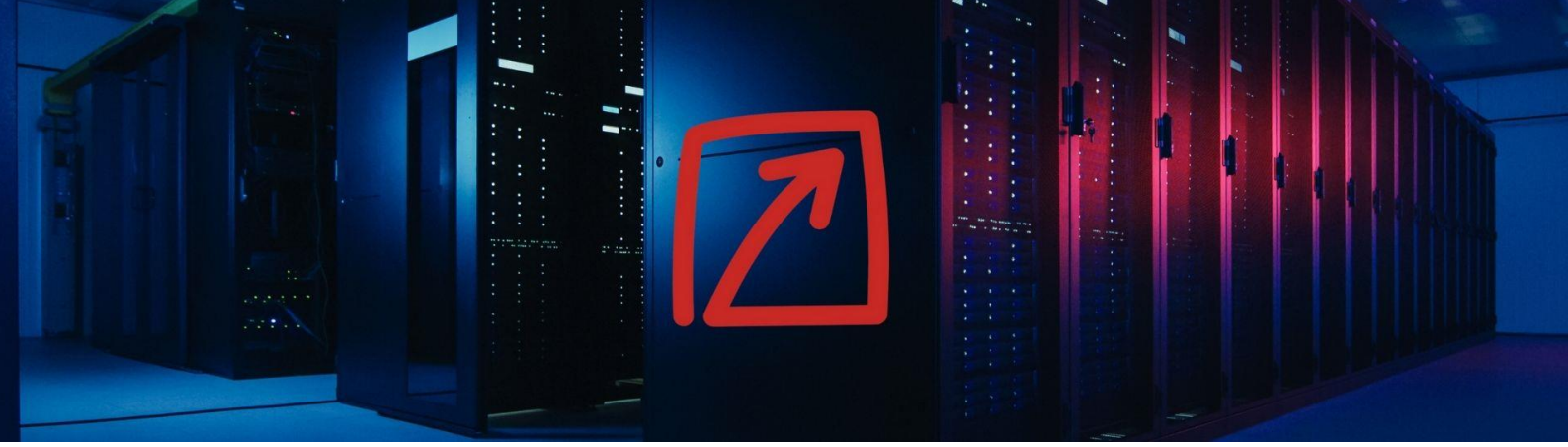
One of the centerpieces of our data center is the sophisticated security and redundancy concept, which ensures the permanent high availability of your data.

To keep the quality and security level in our data center permanently high and to improve it continuously, we regularly undergo internal and external audits. In addition, we follow recognized procedures (e.g. BSi Basic Protection Manual, COBiT, etc.) as well as standards and norms (e.g. ITIL, ESo iEc27001, etc.).

The fact that we attach great importance to security and quality is also confirmed by the TÜV "Trusted Site infrastructure" (TSi) certification, which we were the first IT service provider to receive for an Austrian data center. The independent seal of approval confirms that the latest quality standards are met and that our customers can rely on maximum availability and fail-safe infrastructures when outsourcing their data and services.

Facts:

- Around 2,400 m² of system room space on two floors
- six system rooms à 400 m²
- 148 racks per system room
- Diesel storage: up to 200,000 l
- Connection capacity: up to 14 MW
- Currently 5 diesel gensets and redundant transformers
- 1 m raised floor depth in the system room



Safety:

The following safety functions, among others, are available in the RDC:

- Access system (access cards, separation system)
- Camera surveillance with digital recording
- 7 x 24 hours high security control room on site

The high-security area including individual access control system with logging, escort service, alarm system as well as video surveillance of the indoor and outdoor areas ensures - at any time - a highly secure and protected data center operation.

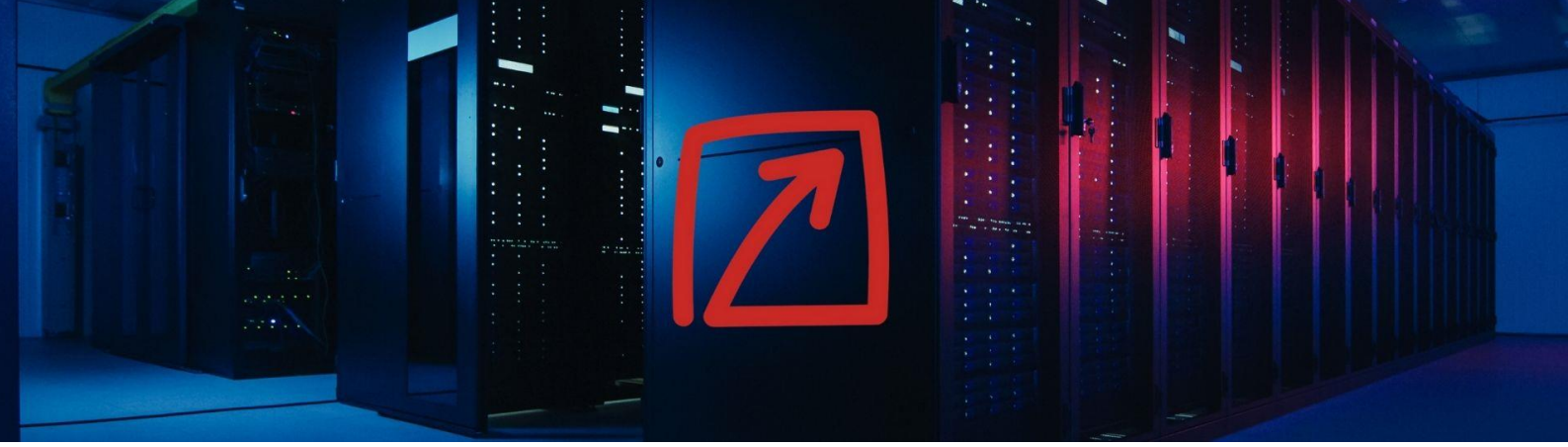
The Raiffeisen Informatik Data Center is manned by security personnel around the clock - 24 hours a day, 365 days a year. In the security control center, employees track all recordings from the surveillance cameras as well as from other monitoring systems.

Fire Protection:

To protect against possible fires, the data center has a state-of-the-art INERGEN gas extinguishing system (inert gas mixture), which goes into operation in the event of a fire (automatically) and thus further increases safety.

Other fire protection equipment:

- Early fire detection with modern extinguishing system and fire detection
- Direct alarm connection to the fire department

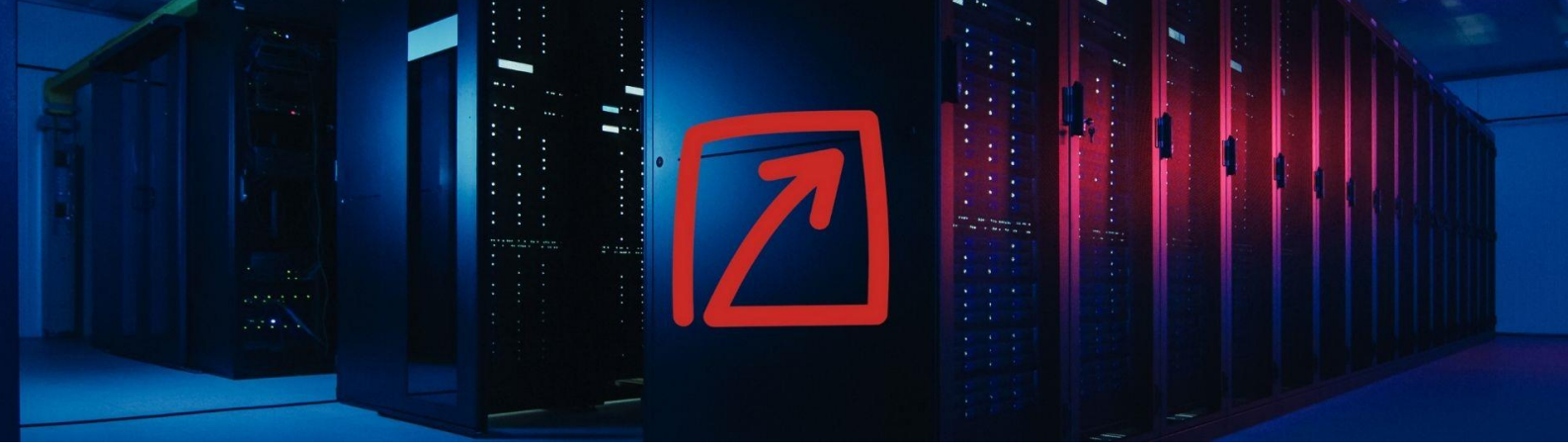


Power supply and redundancy:

- Two separate, path-redundant connections for power and network
- Different emergency power supplies (diesel, rotating UPS system)
- UPS-supported building services equipment
- IP bus system
- Continuous busbar system throughout the entire building
- Separate transfer areas
- Conception in coordination with TÜViT to obtain the certification "Trusted Site Infrastructure Level 3 extended".

Several diesel generators are connected in the data center to secure the uninterruptible power supply (UPS). If the external power supply collapses, the generators take over the power supply to the data center until the regular feed is stable again.

Our diesel gensets with storage tanks (200,000 liter capacity), together with the redundantly designed rotating UPS system, ensure maximum availability.



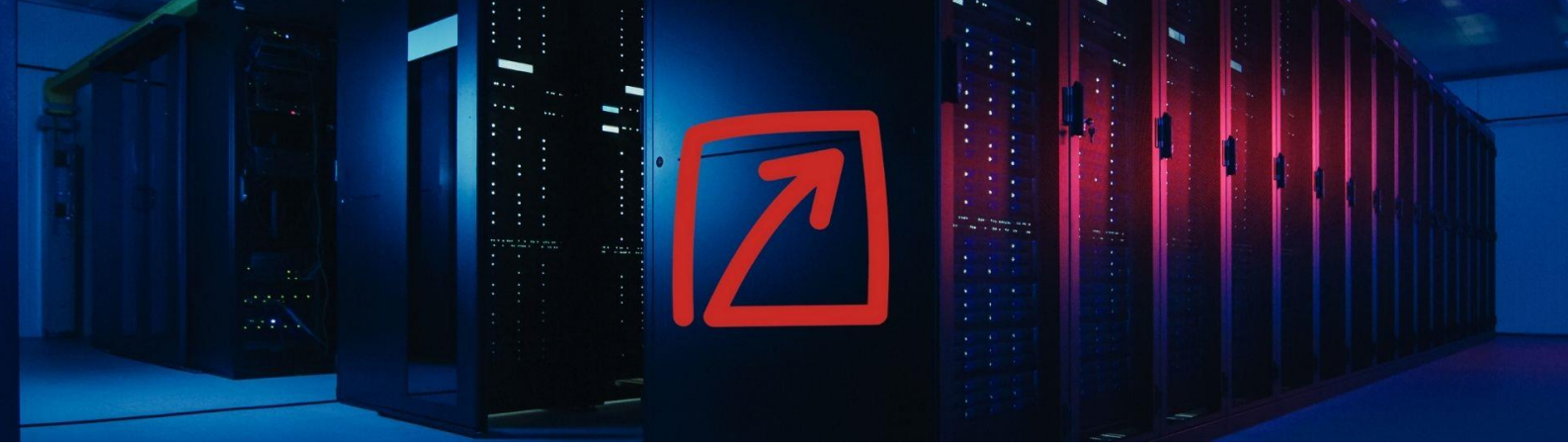
Air conditioning / cold aisle:

At the Raiffeisen Data Center, we pay particular attention to energy efficiency, flexibility and sustainability.

By means of cold aisle containment, the strict separation of the warm air and cold air areas is achieved and the economic and ecological air conditioning is optimized in terms of Green IT.

Adiabatic cooling is also a special highlight. This is based on the effect of evaporative cooling.

Cold aisle containment is the standard at the RDC.



Current expansion plan

The system rooms are currently equipped with raised floors and busbars without outlet boxes. The system rooms can be designed as desired in coordination with R-IT while complying with the regulations. Underneath, own monitoring as well as access systems can be realized.

Here is a picture of a system room with a possible rack setup.