



EMEA

Munich 1 Data Center

Highly redundant cooling systems

The Munich 1 Data Center offers **1,800+m²** of high availability **data center space** and 300m² of office space. It is one of three of our smaller data centers, and fulfils **all the requirements of high availability**.

Data center space

- 1,800+m² of IT space
- Flexible colocation deployments
- Ancillary spaces available

Power

- Total power: 3MVA
- IT load: 1.0MW
- Average power density: 1.0kW/m²
- Own medium-voltage feed from the European grid via local power supplier (3 x 1,000kVA transformer station)
- UPS N+1 redundant bridging time minimum 15 minutes battery at full load
- Emergency generators (2 x 1,400kVA) fuel storage for 48 hours

Cooling

- Redundant water-cooled system supported by free-cooling (N+1)
- Cold air supply from bottom to top via raised floor
- Star-shaped chilled water pipes to CRAH units with redundant pumps

- Pipe routes run outside the data center space in the maintenance corridors, which are protected by tubs and equipped with leak detection

Fire protection

- Monitoring with automatic digital fire alarm system
- Very Early Smoke Detection Alarm Systems (VESDA)
- Mobile gas extinguishing systems and hand-held fire extinguishers
- Fire protection walls with fire resistance 90 minutes

Security

- Service Operation Center for security and operation with 24/7 fallback to Frankfurt 1
- Video surveillance systems for the external building facade and internal areas
- Card swipe entry/exit to all doors
- Preventive risk assessment

Connectivity

- Carrier- and cloud-neutral
- Carrier-mix
- Connectivity and dark fiber infrastructure
- Redundant cabling infrastructure
- High-performance internet access
- Inter data center connectivity between our data centers
- Multi Service Interconnection Platform

Additional services

- Client implementation
- Installation services
- Remote Hands services
- Facility services

Certifications

- ISO 9001
- ISO 27001 IT-GS (BSI)
- ISO 50001
- PCI DSS



Global data center network

- Part of the NTT family
- Connectivity options to our global network

Service level agreement

- 99.95% power uptime availability
- Precise definition of critical services and availabilities
- Climate control conditions in line with ASHRAE guidelines and EN standards

Address and contact

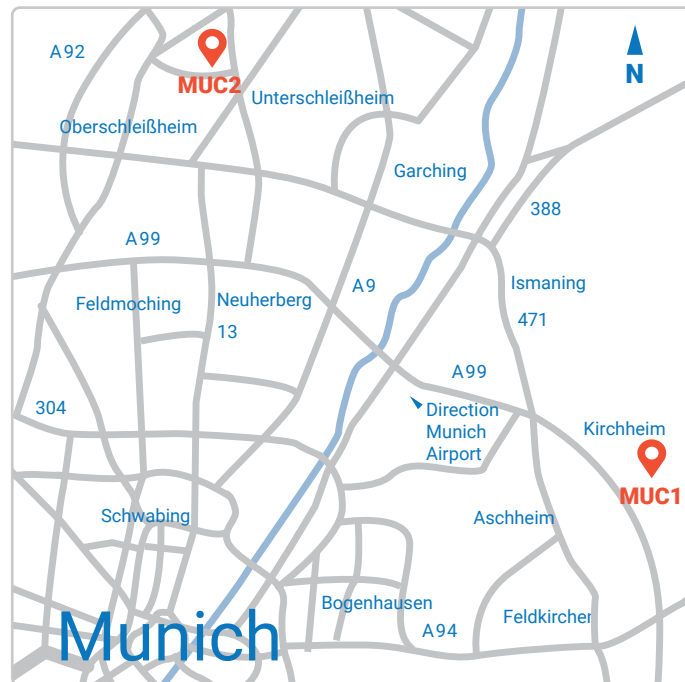
Munich 1 Data Center

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Locations



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The information in this data sheet contains only general descriptions which may not apply for each individual case or may change as products and services levels are adapted to new technological development. The required service elements are only binding when explicitly stated in a service contract. Technical specifications may be subject to alterations.