

Data center

München Ost – MUC5



Power supply

- ≥ 99.999 % p. a. availability of the power supply
- AlwaysOn technology for redundant UPS supply (A- and B-feed)
- Emergency power supply via Diesel generators with fuel storage for at least 72 hours under full load
- Fuel storage refillable during operation (refilling before reaching minimum level guaranteed by 24/7 contract)
- Redundant link to energy supplier
- 100 % usage of regenerative energy

Air conditioning

- Air conditioning via KyotoCooling® (allows cooling without the energy consumption of conventional compressors more than 90 % of the time)
- ≥ 99.999 % p. a. availability of the air conditioning system
- Separation of cold and warm areas via housing and warm air separation in double ceiling

Network connection

- ≥ 99.99 % p. a. availability of the backbone
- Multi-redundant, carrier-neutral Internet connection
- Total capacity of the Internet connection 4 Tbps
- Connections via layer 1 (DWDM/CWDM), layer 2 (Ethernet/Fibre Channel) or layer 3 (IP/MPLS) from 100 Mbps up to 200 Gbps
- Redundant links to all important peering points

Fire protection

- Full-coverage fire alarm and early fire detection system with direct alarm forwarding to local fire department
- Zone-selective fire extinction based on nitrogen inertization (N2) and additional oxygen reduction via OxyReduct®
- Use of non-flammable or flame retardant materials
- Structural measures according to fire resistance class F90

Security

- Video surveillance with archiving
- On-site 24/7 security service
- Biometric 24/7 access control via transponder card
- Room-in-room concept separates IT areas from outer walls
- Perimeter protection with security fencing and turnstile
- Rack surveillance with powerful monitoring systems
- Separate cages within the data center with own protection, access control and intrusion detection system available

Support

- Phone support with 24/7 emergency hotline
- Process oriented working methods with ticketing system
- 3-level support concept
- Own technical staff on site

Transport connection

- Sufficient parking space on noris network's own parking lot
- Ground-level delivery area; loading ramp available
- Accessibility with public transport via S2 from Munich
- Distance to airport: 27 km (approx. 23 minutes)
- Distance to autobahn: 1 km (A99, junction Kirchheim/Aschheim)

Further features

- Certifications, testing and awards:
 - ISO/IEC 27001: Information security management system
 - ISO 27001: Certification on the basis of basic IT protection
 - ISO/IEC 20000-1: Service management system
 - ISO 9001: Quality management system
 - EN 50600: Construction and operation of secure data centers
 - VdS 3406: Object-specific safety management system
 - PCI DSS: Payment Card Industry Data Security Standard
 - ISAE 3402 Type II: Internal control system based on COBIT 5
 - „Deutscher Rechenzentrumspreis 2016“
- Walkable double ceiling instead of double floor
- Modular concept with patented combined energy & cooling cells
- Up to 24 kVA for all racks in the data center (high-density racks)
- Racks used: 60 rack units x 600 mm x 1200 mm
- Size of part racks: 13 or 28 rack units



Interested?

We look forward to your inquiry!

noris network AG
Klausnerstraße 30
D-85609 Aschheim

Phone: +49 911 9352-160
or toll-free at
Phone: +49 800 datacenter
Fax: +49 911 9352-100

productinquiry@noris.de
www.noris.de
www.datacenter.de

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