

DATA CENTER

STATE-OF-THE ART TECHNOLOGY, HIGH-SPEED CONNECTION AND REMOTE HANDS SERVICE

The InterNetX data center is suitable for all complex and business-critical IT infrastructures and complies with the highest security standards. The Tier 3 Data Center is certified according to ISO 27001 and is powered 100% by eco-friendly hydro energy. This has been certified by TÜV-SÜD in a recent report.

DATA CENTER FEATURES

DATA AND IT SECURITY COMPLIANT WITH GDPR

- Exclusive use of brand name components
- Redundant glass fiber feed using different suppliers for the physical access lines
- Segmented networks and strict separation of different data streams
- Network monitoring through our own network operation center
- Daily backup of our own systems
- Firewalls implemented at all relevant network points
- Restricted access
- Compliant with GDPR (EU General Data Protection Requirement)

CLIMATE CONTROL

- Air temperature control via air handling units (AHUs) meeting IT rooms requirements
- Cold aisle containment – innovative rack cooling system based on the principle of strictly dividing cold and warm air – optimized for future technical developments and growing climate demands

IAAS + SERVICES

- Optional connection to the Dark Fibre City Circuit
- Based on CWDM technology InterNetX offers:
 - dedicated wavelengths
 - Fibre connections

CERTIFICATION

- ISO / IEC 27001
- Tier 3 classification
- Green Energy
- QSCert Special Award 2017 for IT security, risk management and compliance quality

BASIC DATA CENTER INFORMATION

- Gross storage space: 1,100m²; additional side and IT rooms
- Highly-available climate and energy systems
- Redundant IP connection of the data center
- Infrastructure as a Service for complex IT structures

POWER SUPPLY

- Electrical connection with two monitored differential current 10 KV underground cables, redundancy N+2
- AC USV with bridging time of more than 15 minutes (clearly exceeding the start-up time of the standby set)
- Permanent compensation of power fluctuations
- Concept with diesel generators, two feeds with 3200 A circuit breakers
- Separate power distribution units with respective A and B customer allocation
- The power for the infrastructure components is supplied 100% by hydro energy
- Separate A/B bus bar system supplying critical and non-critical equipment

LOCAL TRANSIT PROVIDER

The InterNetX data center is connected to the POPs INXS and DeCIX Muc 1 through its own Dark Fibre City Circuit in Munich. This not only ensures a redundant connection of the data centers, but also allows for direct peering. More than 100 Gbit/s of total bandwidth are available at the data center locations.

ON-SITE SECURITY

- 24/7 on-site security
- Freestanding building in an inconspicuous location
- Biometric access protocol system
- Motion sensor and camera surveillance
- Closed-circuit video surveillance system in the building
- Optimal protection against water, radiation and vandalism due to location above ground floor

FIRE PROTECTION

- Early fire detection system (VESDA) via CMS (type: ZETFAS)
- F90 fireproof walls and doors
- Optic smoke detectors, dual detectors, ionization smoke detectors on the ceiling and/or double floor
- Gaseous fire extinguishers (type: INERGEN)

SUPPORT

- Expert support during business hours (email/phone)
- 24/7 emergency support
- Skilled server experts (LPIC)
- Remote Hands Service

