EMEA

Frankfurt 1 Data Center

Plan for every second

The **Frankfurt 1 Data Center is our main site** and has a total of around **50,000m² of data center and technical space**. This makes our campus Germany's largest individual data center site.

Data center space

- 47,900+m² of IT space (additional 4,300+m² under construction)
- Flexible colocation deployments
- Ancillary spaces available

Power

- Total power: 120MVA
- IT load: 8 – 12MW per data center building
- Average power density of 1.0 – 3.0kW/m²
- Power supply at 110kV level
- Own substation with three 110/20kV transformers N+1
- Separate, dual UPS systems (A- and B-supply) with 2N redundancy
- Redundantly designed emergency power system with diesel generators for each building

Cooling

- High efficient chiller systems with free-cooling integrated or separated recoolers and own-programmed, weather-dependent energy management systems

- Peripheral ventilation and deventilation systems
- CRAH units
- Peripheral humidifying and dehumidifying systems
- Cooling and cold water loops with redundant pumps
- Heat recovery with heating pumps

Fire protection

- Automatic digital fire alarm system on all levels with point and air aspiration detectors
- Very Early Smoke Detection Alarm Systems (VESDA)
- Firefighting system based on an argon or nitrogen extinguishing gas system
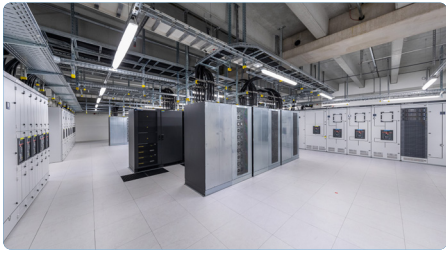- Fire protection walls to a minimum of 90 minutes separation

Security

- 24/7 Security Operations Center and Operation Control Center
- Palisade fencing
- Video surveillance systems for the external perimeter, plant areas, and data halls

- Ram-raid bollard protection in accordance to BS PAS 68:2013
- Card swipe entry/exit to all doors
- Preventive risk assessment

Connectivity

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

Certifications

- EN 50600 (building E, F/G, H)
- ISO 9001
- ISO 50001
- ISO 27001 IT-GS (BSI)
- ISAE 3402 Type II
- PCI DSS

Global data center network

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

Service level agreement

- 99.999% power uptime availability
- Climate control conditions in line with ASHRAE guidelines
- Connectivity availability

Address and contact

Frankfurt 1 Data Center

NTT Global Data Centers EMEA GmbH
Eschborner Landstraße 100
60489 Frankfurt am Main
Germany

T: +49 69 78 01−2190
E: dc.emea.sales@global.ntt

Locations

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.