



EMEA

Frankfurt 2 Data Center

Flexible, secure and connected

Site brochure



Home to the cloud

Frankfurt is the largest city in the German state »Hessen«, and the fifth-largest city in Germany, in terms of population. The city is regarded as an alpha world city and is Germany's financial capital, as well as the major financial center of continental Europe. Major banks headquartered in the city include European Central Bank, Deutsche Bundesbank, Frankfurt Stock Exchange, Deutsche Bank, DZ Bank, KfW and Commerzbank. By market capitalization, the Frankfurt Stock Exchange is one of the world's largest stock exchanges.

Frankfurt is also a major tech hub, as the city is rich in fiber and is home to the DE-CIX, one of the world's largest internet exchange points. The city is also a vibrant start-up hub with a natural disposition for FinTech companies. Frankfurt is the leading data center market in Germany and is one of the largest data center markets in Europe. The city's geographic location allows connections to Eastern and Western Europe, along with the Nordics and the Middle East (via Turkey), making it a very well-connected hub.

Alongside Munich and Hamburg, our Frankfurt 2 Data Center is one of the three smaller sites in Germany. The data center is located in the connectivity-rich area in the East of Frankfurt at Hanauer Landstrasse and is a DE-CIX enabled site.

A solution for every requirement

With up to 1,500+m² of IT space, and a maximum IT load of 1.1MW Frankfurt 2 offers complete solutions for housing your IT and network systems in a secure, high availability environment. We provide you with the best possible physical and technical infrastructure supported by N+1 UPS systems, generator backup, as well as highly redundant cooling systems. Frankfurt 2 holds multiple certifications such as DIN EN ISO 9001 and is connected to major carrier hubs and cloud networks, as well as to the DE-CIX.

Secure and flexible space built to your specifications

Your requirements are the most important aspect of our service offering. You choose, we deliver. Whether you select a building shell which you configure yourself, or we construct it according to your specifications, or even if you want to rent a single rack in our shared environment, we can accommodate your needs. We will also ensure the space is highly available through our years of engineering critical data centers while maintaining high levels of security to keep your infrastructure and data safe.



Infrastructure

Data center space

- 1,500+m² of IT space
- Flexible colocation deployments: single rack colocation, cages, suites
- Ancillary spaces (offices, storages, and pre-installation rooms) available
- Common areas such as meeting rooms, catering area, and showers

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

Power

- On-site substation delivering 3MVA of power
- Maximum client IT load of 1.1MW
- Average power density 1kW/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

Fire protection

- Monitoring with automatic digital fire alarm system
- Smoke detection early warning system (VESDA) in the return air path
- Mobile gas extinguishing systems and hand-held fire extinguishers for first firefighting actions
- Fire protection walls with fire resistance 90 minutes

Security

- Service Operation Center for security and operation with 24/7 fallback to Frankfurt 1
- Redundant monitoring of all critical functions underpinned by standardized security

Overview of our main product offerings:

Fully-fitted

Colocation Rack
Carrier Rack

Dedicated Cage

Dedicated Suite

Supporting products and services

Multi Service Interconnection Platform

Cross Connect

Remote Hands



- Video surveillance systems for the external building facade and internal areas
- Card swipe entry/exit to all doors and persons separation locks per DC building
- Preventive risk assessment as well as continuous testing and training of operating personnel

Connectivity

- Carrier- and cloud-neutral
- Carrier mix from global Tier 1 supplier to regional supplier
- Connectivity to the major carrier hubs
- Pre-spliced dark fiber available on demand
- Redundant cabling infrastructure with diverse paths
- High-performance internet access
- Inter data center connectivity between NTT data centers for geo-redundant solutions
- Multi Service Interconnection Platform to connect our clients to major cloud

service providers such as Amazon Web Services, Microsoft Azure, and Google Cloud Platform

Additional services

- Client implementation
- Installation services
- Remote Hands service provided by the technical infrastructure standby services
- Facility services

Global data center network

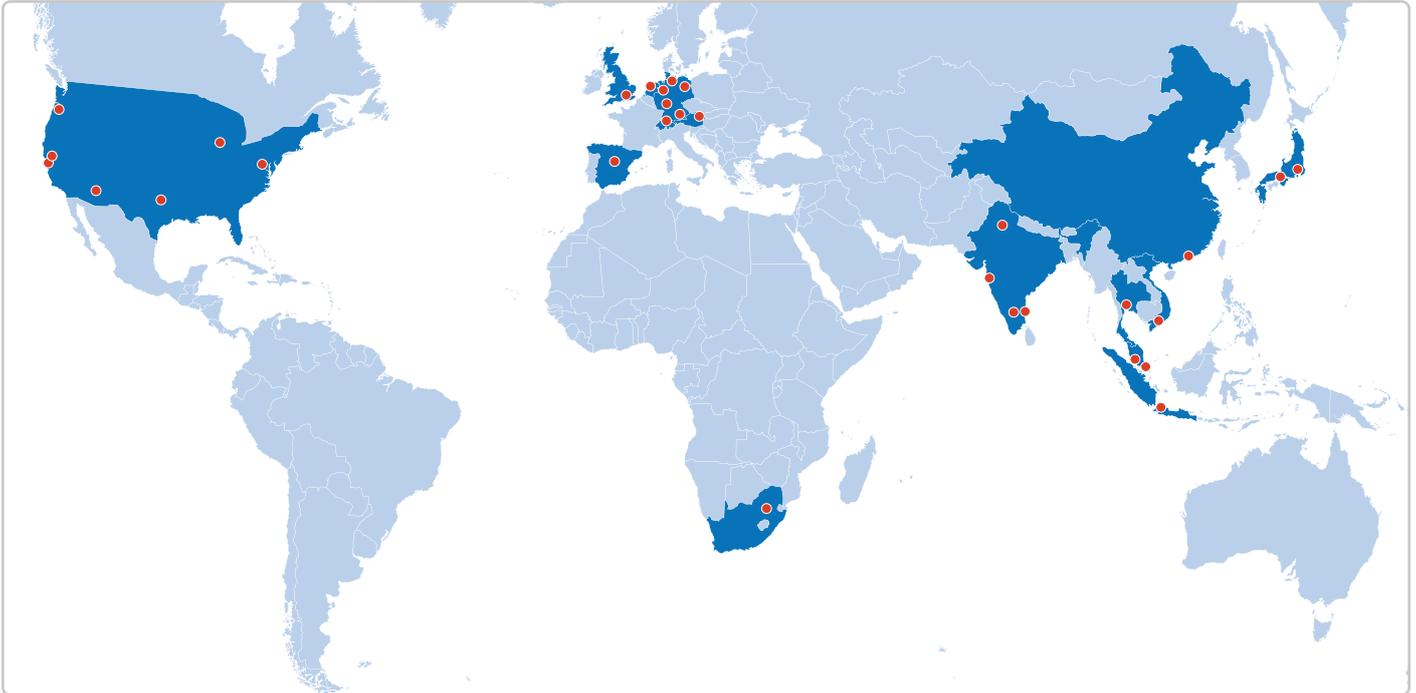
- Part of the NTT family
- Connectivity options to the global NTT network

Service level agreement

- 99.95% power uptime availability
- Precise definition of critical services and availabilities
- Conformity of the air conditioning to international guidelines, such as ASHRAE and EN standards



Flexible connection to data centers and clouds: 20+ countries and 1,500+MW IT load



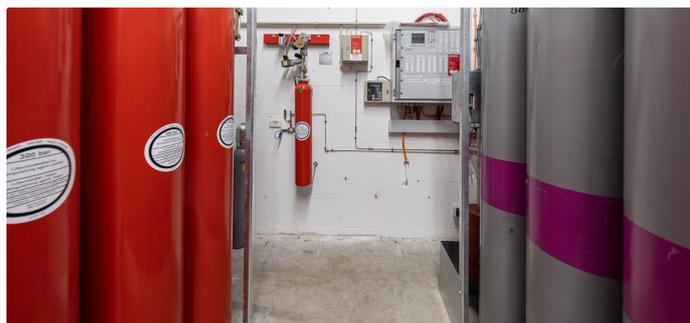
Why NTT's Global Data Centers?

Global Data Centers is a division of NTT Ltd. Our global platform is one of the largest in the world. NTT is routinely recognized as a leader by leading analysts in the networking and data center space, spanning more than 20 countries and regions, including North America, Europe, Africa, India and APAC.

As a neutral operator, we offer access to multiple cloud providers, a large variety of internet exchanges and telecommunication network providers including our own IPv6 compliant, Tier 1 Global IP Network. You benefit from tailored infrastructure and experience consistent best practices in design and operations across all of our reliable, scalable and customizable data centers. We're ready to facilitate client adoption of next-generation technologies for computing at scale, virtualization, data migration and cloud and B2B private connectivity both regionally and across the globe.

Visit us at our website services.global.ntt.

Locations



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