



GTM GERMANY | GLOBAL DATA CENTERS 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 1,600 sqm of IT space, and a maximum IT load of 1.2 MW 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. To validate hybrid cloud services and innovations faster and at lower cost, our Technology Experience Labs provide the perfect hosted ecosystem in a live data center environment.

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

- 1,600 sqm 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 3 MVA of power
- maximum client IT load of 1.2 MW
- average power density 1.0 kW/sqm
- own medium-voltage feed from the European grid via local power supplier (3 x 1,000 kVA transformer station)
- UPS n+1 redundant bridging time minimum 15 minutes battery at full load
- emergency generators (2 x 1,400 kVA) 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

Additional services

- client implementation
- installation services
- remote-hands service provided by the technical infrastructure standby services

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
- 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-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 DC connectivity between NTT data centers for geo-redundant solutions
- multi cloud interconnection platform to connect our clients to major cloud service providers such as Amazon Web Services, Microsoft Azure, and Google Cloud Platform

Global data center network

- part of the NTT family of over 160 data centers around the world
- connectivity options to the global NTT network
- access and use of Technology Experience Labs with a worldwide partner network

Service Level Agreement

- 99.95% power uptime availability
- connectivity availability

Overview of our main product offerings:

Fully-fitted	Colocation rack
	Carrier rack
	Cage
Supporting products and services	Suite
	Multi service interconnection platform
	Cross connects
	Remote-hands

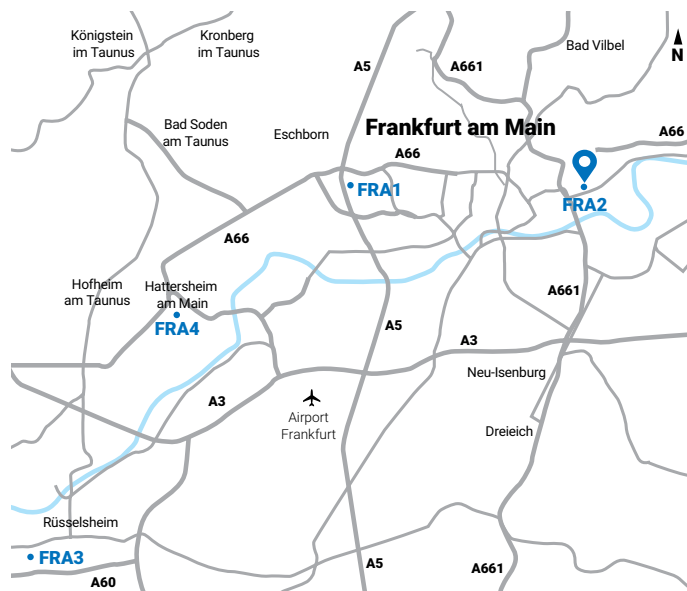
Technology Experience Lab

- **Technology spaces:** Globally available facilities in productive data centers of NTT that bring together more than 140 technology partners to enable prospects and clients to test and validate, but also innovate on the latest technologies.
- **Industry communities:** Today, information technologies are a key enabler to many organizations. Our industry communities help these organizations to identify relevant technology providers and connect with helpful contacts.
- **Start-ups and Venture Capital:** Many times, start-ups are major drivers when it comes to disrupting various industries. Our start-up unit brings together start-ups, corporates and venture capitalists to enable and accelerate innovation.

About the Global Data Centers division of NTT Ltd.

Global Data Centers is a division of NTT Ltd. and incorporates DPA, e-shelter, Gyrone, NetMagic, NTT Indonesia Nexcenter, RagingWire and other NTT Communications group data center divisions. Our combined global platform is one of the largest in the world, with over 160 data centers spanning more than 20 countries and regions including North America, Europe, Africa 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. Our clients benefit from tailored infrastructure and experience consistent best practices in design and operations across all of our highly reliable, scalable, and customizable data centers.

Locations in Frankfurt



NTT in numbers and facts



Expertise

We help you to do great things.



Over **40,000**
people are working for
NTT Ltd. worldwide



Delivering services
in more than
200 countries



300,000
people are part of the
NTT Group



Technology solution

We have a full suite of technology
solutions to help you create value.



Partner

We work together with you.
We're an extension for your business.



Intelligent

For us, intelligent means helping you to be data driven, connected, digital, and secure.



5

regions



Globally

We are wherever you are, making it easier for you to focus on your core business.



120

years of heritage in the NTT Group



Outcomes

We shape the outcomes you're looking for.



Contact

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