



EMEA

Berlin 2 Data Center

Additional high-available data center space
to secure your sensitive data

Site brochure



Home to the cloud

Berlin is Germany's capital and largest city by both area and population. The city is very well-connected with a sophisticated public transportation network and broad air and rail links. The economy of Berlin is growing rapidly, with an increase in GDP over the recent years. Large companies headquartered in Berlin include Daimler, Deutsche Bank, Sony and Deutsche Telekom. In recent years, Berlin has become known as one of Europe's top cities for start-ups, predominately in technology. Berlin is the ideal location for start-ups to thrive, with inexpensive living conditions, easily secured work visas and a culture of innovation and creativity.

Berlin is the second-largest German data center market, behind Frankfurt. The market is emerging and poised for growth, with a recent increase in activity. The BCIX, Berlin Commercial Internet Exchange, resides in the city and currently has 79 members, which makes it one of the largest German internet exchange points by membership.

Our Berlin 2 Data Center is located just south of the city center and is 14 km away from the existing Berlin 1 Data Center. Clients have access to multiple carrier and cloud providers. The close linear distance of the sites means the clients have the option to operate infrastructure in both, Berlin 1 and the new campus in an ›active-active-configuration‹.

A solution for every requirement

With a total of 9.700+m² IT space and 24MW IT load in buildings A and B, Berlin 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 2N UPS systems, N+1 generator backup, as well as highly redundant cooling systems. Berlin holds multiple certifications and is connected to major carrier hubs and cloud networks, as well as to the BCIX.



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.

Overview of our main product offerings:

Fully-fitted	Colocation Rack
	Carrier Rack
Shell and core	Dedicated Cage
	Dedicated Suite
Supporting products and services	Area
	Multi Service Interconnection Platform
	Cross Connect
	Remote Hands

Infrastructure



Data center space

- 9.700+m² of IT space
- Flexible colocation deployments: single rack colocation, cages, suites, turnkey build to suites, shell and core solutions
- Ancillary spaces (offices, storages, and pre-installation rooms) available
- Common areas such as meeting rooms, and catering area

Cooling

- Redundant water-cooled system supported by free-cooling (N+1)
- CRAH units in the suites and technical rooms
- Concurrently maintainable AHUs providing fresh air pressurization and humidity control to data suites
- Cold aisle containment to support high densities and maximize efficiencies

Power

- On-site substation delivering 90MVA of power (once fully built out)
- Maximum client IT load of 12MW per data center building
- Average power density of 2.5kW/m²
- Power supply at 110 kV level with two feeds
- Own substation with 110/20kV transformers N+1

- Separate, dual UPS systems (A- and B- supply) with 2N redundancy per data center building
- Redundantly designed emergency power system with diesel generators N+1 for each data center building

Fire protection

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

Security

- 24/7 Security Operations Center and Operation Control Center
- Redundant monitoring of all critical functions underpinned by standardized security processes and the multilevel security zone principle, secures the rental area and the technical operation
- Palisade fencing supported by a security perimeter fence to protect the campus
- 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 and persons separation locks per data center building
- Preventive risk assessment as well as continuous testing and training of operating personnel

Connectivity

- Carrier- and cloud-neutral
- Carrier-Access-Rooms per building
- Redundant Carrier-Meet-Me-Rooms
- Carrier-mix from global Tier 1 supplier to regional supplier
- Connectivity to the major carrier hubs
- Pre-spliced dark fiber available on demand
- Redundant, structural cabling infrastructure with diverse paths
- Pre-Cabling to support fast Cross Connect deployments
- 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

- Consulting, general and implementation planning for development projects
- Client implementation
- Installation services
- 24/7 Remote Hands services

- Facility services
- Additional security services

Global data center network

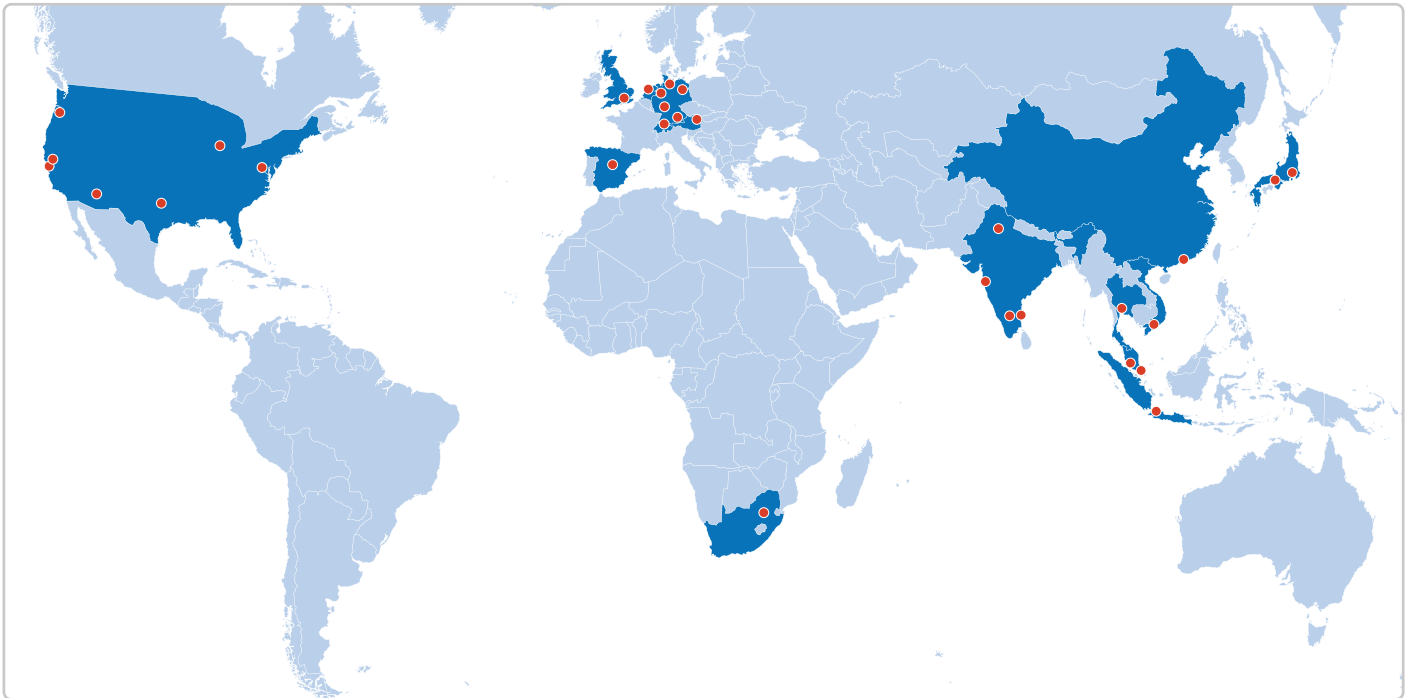
- Part of the NTT family
- Connectivity options to the global NTT network

Service level agreement

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



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.

Contact and address

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Locations

