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 will be located just south of the city center and is 14 km away from the existing Berlin 1 Data Center. Clients will have access to multiple carrier and cloud providers. The close linear distance of the sites means clients will have the option to operate infrastructure in both, Berlin 1 and the new campus in an active-active-configuration. The grand opening for our second data center in Berlin is probably scheduled for Q3 2021.

A solution for every requirement

With a total of 4,800 sqm IT space and a maximum of 12 MW in building A, Berlin 2 will offer complete solutions for housing your IT and network systems in a secure, high availability environment. We will 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 2 will hold multiple certifications and will be connected to major carrier hubs and cloud networks, as well as to the BCIX. 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
- 4,800 sqm of IT space in building A (19,200 sqm once fully built out)
- 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 90 MVA of power (once fully built out)
- maximum client IT load of 12 MW per data center building
- average power density of 2.5 kW/sqm

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

Connectivity
- carrier-neutral
- redundant Carrier-Meet-Me-Rooms
- Carrier Access Rooms per building
- 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

Overview of our main product offerings:

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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

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.

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
• 99.995% power uptime availability
• climate control conditions in line with ASHRAE guidelines
• connectivity availability
About the Global Data Centers division of NTT Ltd.

Global Data Centers is a division of NTT Ltd. and incorporates DPA, e-shelter, Gyron, 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 Berlin

Contact

Berlin 2 Data Center
NTT Global Data Centers EMEA GmbH
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12107 Berlin
Germany
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.
Globally
We are wherever you are, making it easier for you to focus on your core business.

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.

Outcomes
We shape the outcomes you’re looking for.

120
years of heritage in the NTT Group.