



EMEA

# Hemel Hempstead 2 Data Center

Flexible capabilities for flexible requirements

Site brochure



## Home to the cloud

London, the capital and most populous city in the UK, has one of the largest economies in Europe. It's a leading business and financial services district, with more than half of the FTSE 100 headquartered in the city. London is a global connectivity hub, home to the London Internet Exchange (LINX), one of the world's largest internet exchange points, with more than 850 members. The city boasts thousands of technology businesses and is a leading location for technological innovations such as FinTech.

The London data center market is one of the most active colocation ecosystems in the world with a strong networking, internet and cloud infrastructure presence. London is a strategic hub for data center services for both UK organizations as well as multinational companies, who from both a physical and digital perspective, require reliable services to reach local clients even faster. As the third-leading data center provider in the world, we continue to build on our sturdy foundation to successfully serve this vibrant data center market today and in the future.

Our Hemel Hempstead 2 Data Center is located in Hemel Hempstead, a town located 35km northwest of London, in Hertfordshire, and is part of the Greater London Urban Area. It has attracted many businesses due to its proximity to London and excellent connectivity links, with easy access to the UK motorway network and London airports. Our Hemel Hempstead 2 Data Center is a 45-minutes drive from Heathrow International Airport, and a 50-minutes drive from central London. 7,300 businesses are located in Hemel Hempstead and the surrounding areas, major international firms with a presence include Amazon, BP, BT, Kodak, Epson, Sopra Steria, Unisys and ASOS.com.

As well as being connected to our other data centers, the facility is also connected to major carrier hubs in both Slough and the Docklands which has been established as the UK's internet hub and the backbone for the global internet network, which facilitates the majority of the London Internet Exchanges. The data center offers highly available, scalable data center space, with options for high power density, carrier neutrality, access to the public providers, internet connectivity, and on-site support.

## A solution for every requirement

With a total of 2.300+m<sup>2</sup> IT space and a maximum of 6.2MW, Hemel Hempstead 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, generator 2N backup, as well as N+1 cooling systems. Hemel Hempstead 2 Data Center holds multiple certifications and is connected to major carrier hubs in Docklands and Slough. It's a fiber-connected campus and fully integrated with other NTT data center facilities allowing clients to grow and has the optimal distance to our Slough data centers and London 1 Data Center in Dagenham for backup and disaster recovery solutions.

## Secure and flexible space built to your specifications

Your requirements are essential to 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'll also ensure high-availability leveraging 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:

<b>Fully-fitted</b>	Colocation Rack Carrier Rack
	Dedicated Cage
	Dedicated Suite
<b>Supporting products and services</b>	Multi Service Interconnection Platform*
	Cross Connect
	Remote Hands

\*Enabling internet bandwidth, access to major cloud providers and connectivity between other NTT data centers

## Infrastructure

### Data center space

- 2.300+m<sup>2</sup> of IT space
- Flexible colocation deployments: single rack colocation, cages, suites, turnkey build to suites, shell and core solutions
- Ancillary spaces (offices, storage and pre-installation rooms) available
- Common areas such as meeting rooms and catering area

### Cooling

- Primary cooling infrastructure, centrally managed and linked to BMS
- Room air conditioning units
- Regulated humidity
- 1.5m clear false ceiling void for hot-air return to Air Handling Units (AHU)
- Contained hot aisle or chimney rack design for high efficiency cooling up to 20kW per rack

### Power

- Dual dedicated 11,000V (HV) grid connections (2N)
- Maximum client IT load of 6.2MW
- Dedicated 2N redundant HV substations on-site
- Minimum 2N (UPS) with battery back-up
- 2N back-up generators
- Refuelling contracts to ensure timely replacement

### Fire protection

- Physical fire protection in hosting suites and in all plant areas
- Very Early Smoke Detection Alarm Systems (VESDA)
- Gas suppression systems to technical areas
- Fire detection and suppression systems interconnected to central BMS
- Legal requirement

### Security

- 24/7 on-site security
- 3.6m SEAP certified security fence with electrified topper
- Secure crash-rated vehicle trap access to loading area
- PAS68 certified anti ram-raid barriers throughout site perimeter
- Blast proof and anti-intruder shielded external windows
- Steel security doors
- External and internal IP CCTV system
- Proximity cards to authorize access levels including man trap access
- Biometric identification

### Connectivity

- Carrier- and cloud-neutral
- Carrier-mix from global Tier 1 supplier to regional supplier
- Connectivity to the major carrier hubs in Docklands and Slough
- Redundant Carrier-Meet-Me-Rooms
- Redundant cabling infrastructure with diverse paths

- Pre-Cabling to support fast Cross Connect deployments
- High-performance internet access
- Inter data center connectivity between our 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
- Audit support

### Global data center network

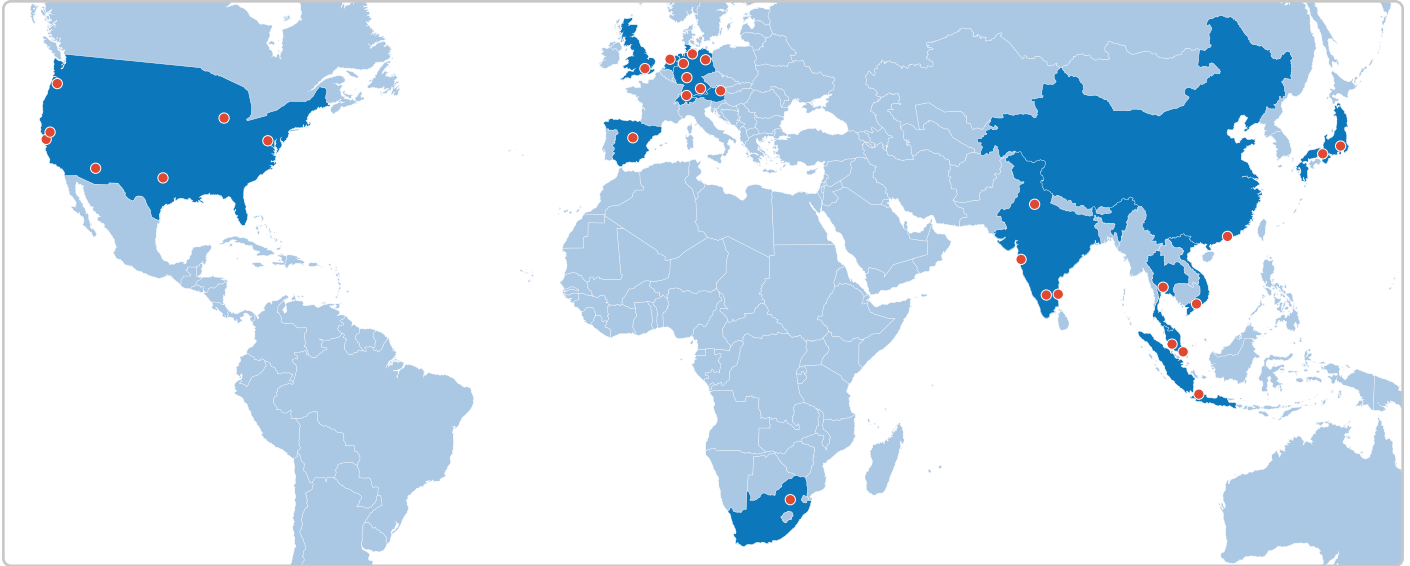
- Part of the NTT family
- Connectivity options to the global NTT network

### Service level agreement

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

# We are where your business is

We're operating multiple data centers in 20+ countries and markets



## Locations



## About us

Global Data Centers is a division of NTT Ltd. Our global platform is one of the largest in the world, spanning more than 20 countries and regions, including the Americas, Asia Pacific, EMEA and India. NTT is routinely recognized as a Leader by leading networking and data center analysts. 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.

We're a signature partner of the Climate Neutral Data Centre Pact, committed to becoming climate neutral by 2030, as part of the European Green Deal.

Visit us at [services.global.ntt/globaldatacenters](https://services.global.ntt/globaldatacenters).

## Address and contact

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