Hemel Hempstead 3 Data Center

High-available data center space to meet your needs

Site brochure

Home to the cloud

London, the capital and most populous city in the UK, features one of the largest economies in Europe. It is 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), which is 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 3 Data Center is located in Hemel Hempstead, a town located 24 miles 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 3 Data Center is a 45-minute drive from Heathrow International Airport, and a 50-minute 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 other NTT 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 (LINXs). 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 8,960 sqm IT space and a maximum of 20 MW, Hemel Hempstead 3 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, 2N generator backup, as well as highly redundant cooling systems. Hemel Hempstead 3 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 the Slough data centers and the London 1 Data Center in Dagenham for backup and disaster recovery solutions. 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.

Overview of our main product offerings:

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

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

Infrastructure

Data center space

- 8,960 sqm 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

- primary cooling infrastructure, centrally managed and linked to BMS
- room air conditioning units
- regulated humidity
- 1.5 m 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 20 kW per rack

Power

- dual dedicated 11,000V (HV) grid connections (2N)
- dedicated 2N redundant HV substations on-site
- minimum N+1 (UPS) with battery back-up

- N+1 back-up generators
- refuelling contracts to ensure timely replacement

Fire protection

- smoke detection early warning system
- physical fire protection in hosting suites and in all plant areas
- fully addressable fire detection system with Very Early Smoke Detection Apparatus
- suppression systems to technical areas
- fire detection and suppression systems interconnected to central BMS

Security

- 24/7 on-site security
- 3.6 m SEAP certified security fence with razor wire 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-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 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
- audit support

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

- 99.99% power uptime availability
- climate control conditions in line with ASHRAE guidelines
- connectivity availability
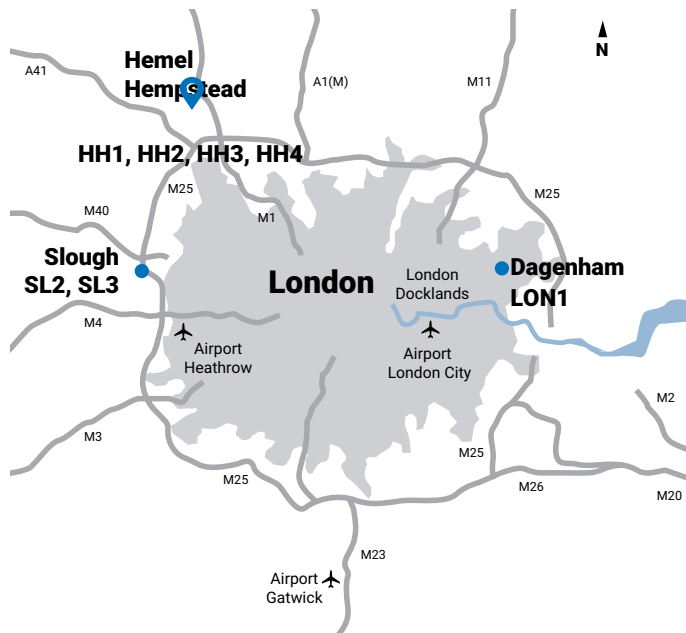
Contact

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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.

Locations in London

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.

Flexible connection to data centers and clouds: 20+ countries and 500,000 sqm server space

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.

NTT

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.