London 1 Data Center
Home of AI and cloud computing

London is **Europe's largest data center** market and the heart of the finance industry. We operate a total of **seven data centers in the London area**, giving access to a vibrant community of hyperscalers, enterprises, partners, and startups.

Data center space

- 12,800m² of IT space in first building (25,600m² of IT space once fully built out)
- Ancillary spaces on-site

Power

- On-site substation delivering 80MVA of power
- Maximum client IT load of 32MW (64MW once fully built out)
- Average power density: 2.5kW/m²
- Power supply on 132kV level from two grid connections
- Own substation with two 132/11kV transformers 2N
- Two separate UPS systems (A- and B-supply) with N+1 redundancy
- Emergency power system with diesel generators N+1

Cooling

- Redundant water-cooled system supported by free-cooling (N+1)
- Compressorless cooling system, designed for superior energy efficiency and performance
- Cold air flooded room cooling design with suite cooling units (SCUs)
- Hot aisle containment

Fire protection

- Very Early Smoke Detection Alarm system (VESDA)
- Water mist fire suppression system
- Fire protection walls to a minimum of 60 minutes separation
- Monitoring with automatic digital fire alarm system

Security

- 24/7 Security Operations Center and Service Control Center
- Palisade fencing
- CCTV
- Ram-raid bollard protection to BS PAS 68:2013
- Card swipe entry/exit to all doors
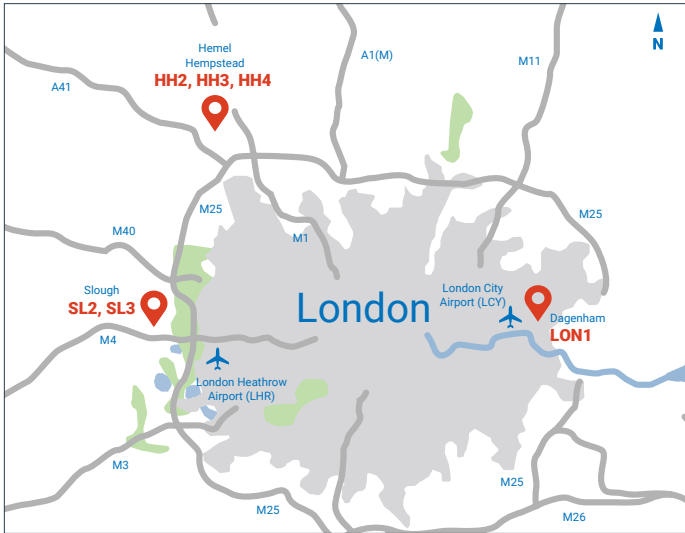- Preventive risk assessment

Connectivity

- Carrier- and cloud-neutral
- Carrier-mix
- Connectivity and dark fiber infrastructure
- Carrier-Meet-Me-Rooms
- Redundant cabling infrastructure
- Pre-Cabling
- High-performance internet access
- Inter data center connectivity between our data centers
- Multi Service Interconnection Platform

Additional services

- Client Implementation Services
- Installation Services
- 24/7 Remote Hands Services
- Facility Services
- Audit Support Services

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London 1 Data Center

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in NTT Global Data Centers

Certifications

- ISO 9001
- ISO/IEC 27001
- ISO 22301
- ISO 50001
- ISO 45001
- ISO 14001
- PCI DSS
- ISAE 3402 Type 2 Report
- ISAE 3000 Type 2 Report

Global data center network

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

Service level agreement

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

Learn more about Global Data Centers

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 DATA 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.

NTT DATA has made a net-zero commitment in alignment with the science-based target initiative across its operations by 2030 and the whole value chain until 2040. In addition, we drive towards powering our data centers with 100% renewable energy by 2030.

Visit us at **services.global.ntt/globaldatacenters**

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