



UNITED KINGDOM

London 1 Data Center

London is Europe's **largest data center market** and the heart of the finance industry. NTT operates a total of **six data centers** in the London area, giving access to a vibrant community of **cloud providers, carriers, partners, and start-ups.**

Data center space

- gross building size: 54,000 m² in 6 phases (once fully built out)
- 12,800 m² of IT space in first building
- 25,600 m² of IT space once fully built out
- ancillary spaces on-site

Power

- total power: 80 MVA
- IT load: 64 MW (once fully built out)
- IT load DC1: 32 MW
- average power density: 2.5 kW/m²
- power supply on 132 kV level from two grid connections
- own substation with two 132/11 kV 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

- smoke detection early warning 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 NTT data centers
- Multi Service Interconnection Platform



Additional services

- client implementation
- installation services
- 24/7 Remote Hands services
- facility services
- audit support

Certifications

- DIN EN ISO 9001
- ISO 27001 (BSI)
- PCI-DSS

Global data center network

- part of the NTT family
- connectivity options to the global NTT network
- access and use of Technology Experience Labs

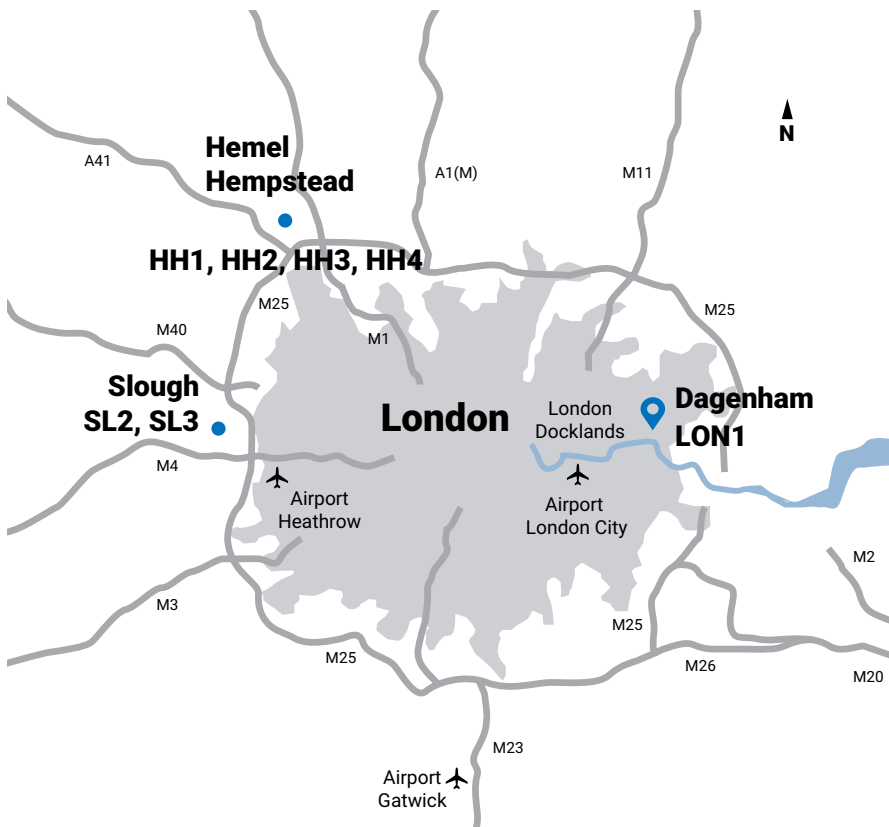
Service Level Agreement

- 99.999% power uptime availability
- climate control conditions in line with ASHRAE guidelines
- connectivity availability

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



Address and contact

London 1 Data Center

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