



EMEA

Hemel Hempstead 1 Data Center

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**.

Data center space

- 4,000 m² of IT space
- flexible colocation deployments
- ancillary spaces available

Power

- total power: 3 MVA
- IT load: 2 MW
- average power density of ~2.0 kW/m²
- single dedicated 11 kV (HV) grid connections
- two separate UPS systems (A- and B-supply)
- redundantly designed emergency power system
- power distribution boards located in the M&E corridors separate from IT equipment

Cooling

- redundant water-cooled system (N+1)
- data halls utilize a free cooling system
- cold air flooded room cooling design with Suite Cooling Units
- hot aisle containment

Fire protection

- smoke detection early warning system (VESDA)
- double-knock fire detection
- FM200 fire suppression system located in the M&E corridors separate from IT equipment
- fire protection walls to a minimum of 60 minutes separation
- monitoring with automatic digital fire alarm system via the BMS

Security

- 24/7 Security Operations Center and Service 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
- 3 m security palisade fencing, topped with »Rota-Spikes«
- CCTV covering the external perimeter, plant areas, and data halls
- ram-raid protection to external site perimeter
- 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 to support fast Cross Connect deployments
- 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 and audit support

Certifications

- ISO 9001
- ISO 14001
- ISO 27001



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.

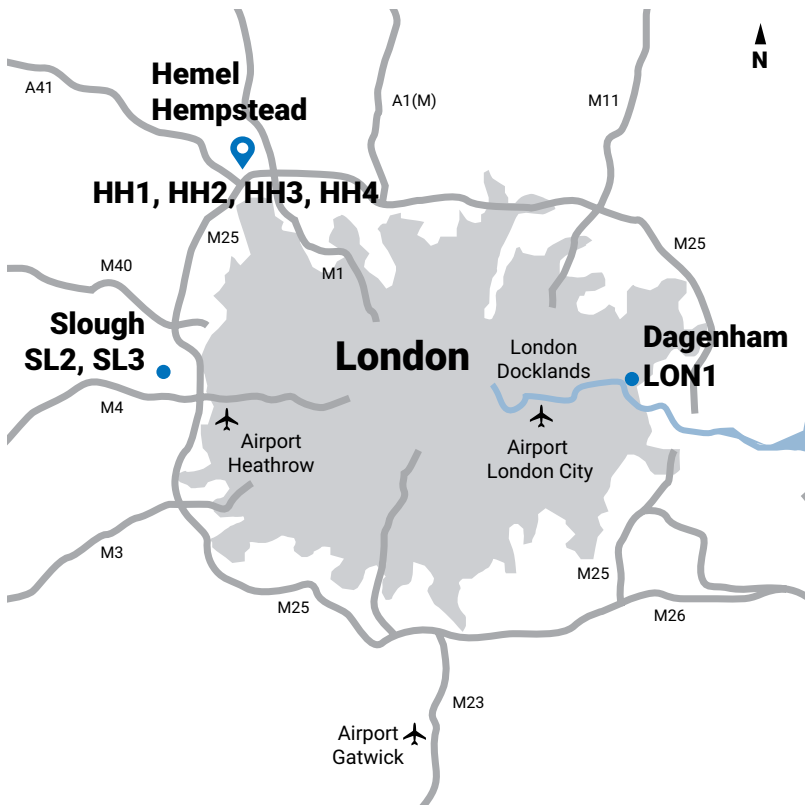
Global data center network

- part of the NTT family
- 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

Locations in London



Address and contact

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