



NTT

EMEA

# Hemel Hempstead 4 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 hyperscalers**, enterprises, partners, and start-ups.

## Data center space

- 9,900 m<sup>2</sup> of IT space
- flexible colocation deployments
- ancillary spaces available

## Power

- total power: 60 MVA
- IT load: 24 MW
- dual dedicated 11,000 V (HV) grid connections (2N)
- dedicated N+1 redundant HV substations on-site
- minimum N+1 (UPS) with battery back-up
- back-up generators
- refuelling contracts to ensure timely replacement

## 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
- compressor-less data suite cooling system with a minimum of N+1 redundancy
- concurrently maintainable AHUs
- DX cooling to comms rooms (N+1 units per room)
- direct air cooling to PODs (N+1 fans per section)
- DX cooling to POD battery rooms (N units per room)
- battery room extract system for hydrogen and cold smoke
- cold smoke extract system to data suites
- hot aisle containment

## Fire protection

- physical fire protection in hosting suites and in all plant areas
- fully addressable fire detection system with (Very Early Smoke Detection Apparatus)
- gas suppression systems to technical areas

- fire detection and suppression systems interconnected to central BMS
- manual fire extinguishers located throughout the facility

## Security

- 24/7 on-site security
- 3.6 m 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
- 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

- ISO 9001
- ISO 27001
- 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

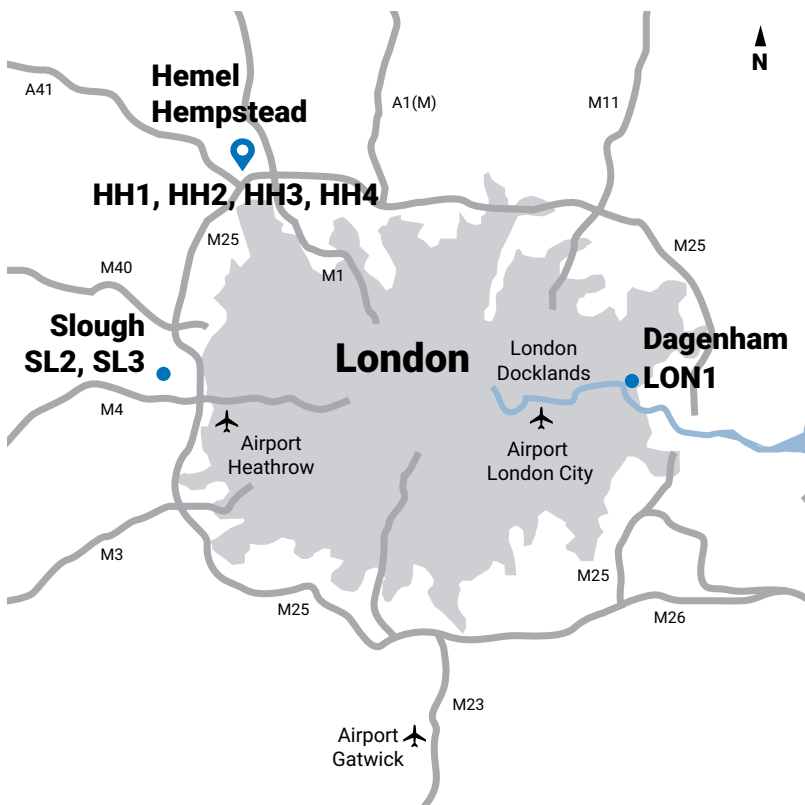
#### Service Level Agreement

- 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

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