



EMEA

Hemel Hempstead 4 Data Center

High-availability space for growth and innovation

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 start-ups.**

Data center space

- 4,800+m² of IT space
- Flexible colocation deployments
- Ancillary spaces available

Power

- Total power: 60MVA
- IT load: 12MW
- Dual dedicated 11,000V (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
- 1.5m 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 20kW 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
- Very Early Smoke Detection Alarm Systems (VESDA)
- 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
- 3.6m 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 (planned)

- ISO 9001
- ISO 27001
- ISO 14001
- PCI DSS

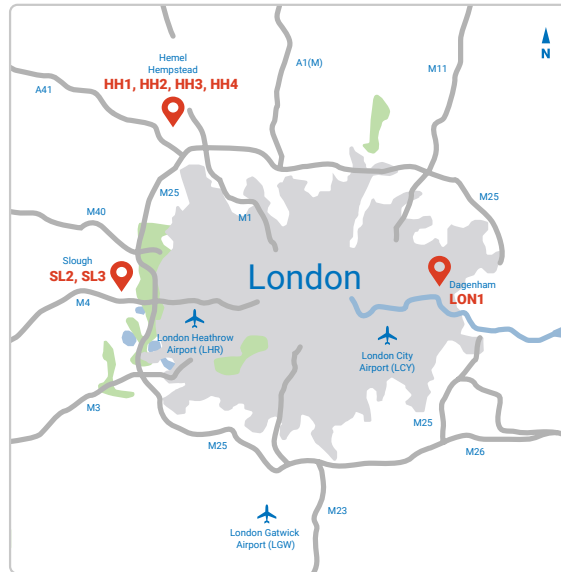
Global data center network

- Part of the NTT 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

Locations



Address and contact

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