

# 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 startups.

## Data center space

- 4,800+m<sup>2</sup> 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 backup
- Backup 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 unites 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 system (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

“ You benefit from tailored infrastructure, and experience in design and operations across all of our scalable data centers.

- 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

### 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

### Service level agreement

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



### Hemel Hempstead 4 Data Center

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NTT Global Data Centers

### 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.

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