Hemel Hempstead 1 Data Center
Efficient and high-density solutions

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**
- 700+ m² of IT space
- Flexible colocation deployments
- Ancillary spaces available

**Power**
- Total power: 3MVA
- IT load: 2.1MW
- Average power density of ~2.0kW/m²
- Single dedicated 11kV (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**
- Very Early Smoke Detection Alarm Systems (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
- 3m 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 our 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 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

Address and contact
Hemel Hempstead 1 Data Center
NTT Global Data Centers EMEA UK Ltd.
3 Centro, Boundary Way
Hemel Hempstead, HP2 7SU
United Kingdom
T: +44 20 80 16-91 18
E: dc.emea.sales@global.ntt

The information in this data sheet contains only general descriptions which may not apply for each individual case or may change as products and services levels are adapted to new technological development. The required service elements are only binding when explicitly stated in a service contract. Technical specifications may be subject to alterations.

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