



Stellanor London East Data Center

Data center specification

Location Datasheet
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6 Braham St., London, UK

Facility Specifications

- Modern data center facility situated close to the city of London
- Operational since 1999
- Technical space arranged over 6 floors
- Total Size: 8,046 m²
- Fully fitted Colocation space: 2,940m²
- Maximum Site Power: 4 MVA
- Carrier Connectivity: Lumen, Colt, BT, Vodafone, Verizon, Neos, Viatel, Fibernet, Kingston, Interoute.

Power

- Dual redundant 4MVA, 11kV dedicated underground cable feeds to dedicated dual redundant 4MVA transformer station

Generators

- 2 x 2MVA diesel driven emergency powergenerators giving 4MVA
- Automatic start in less than one minute to feed 100% of the facility
- Generators tested monthly
- Fuel storage (diesel) for 24-hour continuous operation at 100% load
- 24/7 agreement with local fuel supplier

UPS

- 4 x 165kVA Hybrid Rotary UPS modules providing 1875kVA total output with N+1 redundancy
- Fifteen-minute battery autonomy per UPS module
- Dual redundant A&B distribution strategy
- Underfloor power track distribution system

Environment

- 750W/m² average cooling capability over the gross space - Temperature regulated to below 26°C
- Humidity regulated overall to 50%RH +/- 20%
- Technical areas positively pressurised to minimise dust ingress

Physical

- Minimum floor to ceiling height: 3,100mm from top of raised floor
- 850mm raised floor height
- Raised Floor loading 14kN/m²
- Structural Floor Slab:
 - Ground Floor - 5kN/m²

Fire strategy

- Minimum floor to ceiling height: 3,100mm from top of raised floor
- 850mm raised floor height
- Raised Floor loading 14kN/m²
- Structural Floor Slab: – Ground Floor - 5kN/m²

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Security

- Remote 24/7 security monitoring
- Full electronic access control system, based on proximity cards with photo and PIN keypads
- Biometric palm scanners in addition for Colocation areas
- Locks on colocation suites and cabinets. Card readers installed on private suites
- Intruder detection system on escape and riser doors

CCTV

- CCTV monitoring and recording of all access points and circulation areas

Telecoms Infrastructure

- Facility is designed to accommodate standard rack/cabinets of 2,200mm nominal height
- Power is normally distributed under floor, fibre and copper cabling distributed overhead (fibre within a managed containment system, copper within a heavy duty ladder rack system)
- Fibre entry to the building is via two independent points

General Facilities

- Dedicated loading area - delivery hours 09:00-17:00 Monday to Friday
- Customer test room and storage area
- Goods lift

Where to find us

City	London, UK
Address	6 Braham St.
Postal Code	E1 8EP

