

Data Centre Colocation - East London

London Docklands, 240 East India Dock Road, London, UK

Facility Specifications

- Modern data centre facility situated in Docklands, close to the city
- Technical space arranged over three floors
- Total Size: 6,668m²
- Fully Fitted Colocation space: 2,676m²
- Maximum Site Power: 4 MVA
- Carrier Connectivity: Lumen, Colt, BT, Vodafone Virgin Media, Verizon, diverse connections to the Global Switch Meet Me Rooms

Standards

- ISO27001: Certified
- ISO50001: Certified

Power

- Dual redundant 4MVA, 11kV dedicated underground mains feeds

Generators

- 3 x 1750kVA diesel driven power generators
- Automatic start in less than one minute to feed 100% of the facility
- Fuel storage for in excess of 48-hour continuous operations at 100% load
- 4-hours response to refuel contract with supplier
- UPS - 3 separate systems of, 3*60kVA, 5*160kVA, 3x 275kVA Static UPS modules with N+1 redundancy

UPS

- Total UPS Capacity 1.3MVA
- Fifteen-minute battery autonomy per UPS module
- Dual redundant A&B distribution strategy

Environment

- 800W/m² average cooling capability over the gross space - Temperature regulated between 20°C and 24°C (at 1m height at the front of the rack)
- Humidity regulated overall to 50%RH +/- 20% (at 20 °C) - Under floor cooling air distribution
- Technical areas positively pressurised to minimise dust ingress

Physical

- Minimum floor to ceiling height: 3,900mm from top of raised floor
- 800mm raised floor height
- Raised Floor loading 8kN/m²

Fire Strategy

- VESDA fire detection system
- Sinorix Gas fire suppression system

Security

- Perimeter and site access landlord provided
- Remote 24/7 security monitoring
- Full electronic access control system, based on proximity cards with photo and PIN keypads
- 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

Facility Management

- Building Monitoring Systems (BMS)
- Location Operations and Control Centre
- Network monitoring system with critical alarm repeating to Regional Management Centre

Telecoms Infrastructure

- Facility is designed to accommodate standard rack/cabinets of 2,250mm (48U) 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 three independent points

General Facilities

- Shared loading area (landlord provided)
- Goods lift (maximum load - 3,000kg)

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- Our Premier Elite, Premier Select and Premier data centres deliver scalable solutions to help customers grow their businesses, become more efficient, and reduce costs
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- Customised solutions to meet your specific space and power needs
- Professional Services provide remote support for implementation and network management and monitoring

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