



Prime North London Colocation

VIRTUS LONDON 1 DATA CENTRE

Virtus London 1 datacentre facility (North London) offers over 2,900 m2 of Tier III net technical data centre space. The data centre offer N+N redundancy on UPS and N+1 on all other critical services.

LOCATION

- Jct 25 M25 < 2.5 miles
- Central London < 11 miles
- Stansted Airport < 26 miles
- A10 < 0.3 miles

FACILITY

- Over 6,360 m2 facility including plant area
- Over 2,900 m2 net technical space
- 24/7/365 fully managed on-site NOC
- 11 self-contained data halls within the main facility, all capable of being subdivided
- High Density read of up to 15 kW per cabinet

POWER

- 8 MVA incoming diversely routed supply from National Grid
- 4.2 MW of IT Load
- Centralized N+N in line UPS plant
- Dual A&B UPS supplies to all customer areas (10 mins autonomy at full load)
- Centralized N+1 HV standby diesel generators with 72 hour run time at full load
- N+1 CRAC units within each data hall with A&B UPS

CONNECTIVITY

- Access to a variety of tier 1 and 2 connectivity providers
- Diversity of carriers offering fully resilient connectivity
- Diverse fibre entry points to the site

SECURITY

- 24/7/365 on-site security team
- 3 metre high perimeter fence
- Manned vehicle entry gate to site
- Internal and External IP CCTV with complete site coverage
- Full authentication & access policy control
- Security bollards at building perimeter
- Biometric entry system

FIRE/ENVIRONMENTAL

- Leak detection system
- Centralised N+1 water mist fire suppression system
- Designed to BREEAM Good
- Leak detection system
- Recycling of equipment packaging

CERTIFICATION

- BREEAM Good
- ISO 9001:2008 – Quality Management
- ISO 14001:2004 – Environmental Management
- ISO 27001:2013 – Information Security Management
- ISO 50001:2011 – Energy Management

GREEN CREDENTIALS & COOLING

- Design PUE < 1.5
- Chilled water system with N+1 air-cooled chillers and pumps with 'free-cooling' functionality
- Highly efficient >99% static UPS unit
- Powered by 100% renewable sources
- Fans and pumps controlled via variable speed drives
- Hot and Cold aisle containment options
- DCIM metering and monitoring