

Competitive Colocation & Connectivity

READING DATA CENTRE

Our Reading datacentre facility includes four data halls totalling over 1,000 racks of data centre white space, with an average power density of 1.5 kW persquaremetre. Tier4 aligned specifications delivering 2N power distribution with 2(N+1) resilient components to achieve the highest uptime for mission-critical environments.

FACILITY

- 66,180 sq ft including plant area
- 24/7/365 manned NOC
- 4 dedicated data halls
- Halls available in Tier 3+ or Tier 4 specification
- Standard Racks – 48U

CONNECTIVITY

- Carrier neutral site
- In-house IP transit mix available
- Point-to-Point Layer 2
- Diverse fibre entry points to site
- Alternative onsite Carriers available upon request

POWER

- 6.5 MVA power supply
- 11kV grid connection with dual diverse feeds
- Private on site HV network
- 2N (A&B) HV-LV transformers
- 2N (A&B) switchgear

GREEN CREDENTIALS

- Design PUE < 1.2
- Using 100% Renewable Energy
- Exempt from Climate Charge Levy
- Designed to BREEAM 'Excellent'
- EC Fans on CRACs and chillers for part-load efficiency
- Client server packaging recycling facilities

LOCATION

- Jct 11 M4 < 2 miles
- Reading Station < 3 miles
- London Heathrow < 28 miles
- Central London < 42 miles

AIR CONDITIONING & COOLING

- Hot aisle containment via 'chimney rack' design
- Full recirculation air conditioning avoiding air quality issues with external 'fresh' air systems
- N+1 CRAC air conditioning units per data hall
- N+1 External chillers and heat rejection
- N+1 Chilled water ring mains

FIRE/ENVIRONMENTAL

- Fully addressable zoned detection system
- Inert gas IG55 fire suppressant
- All chilled water kept away from data floors
- Leak detection system
- BMS monitoring all critical services

CLIENT SERVICES

- Bookable meeting rooms
- Goods-in team
- On-site build room
- Client portal with extensive functionality:
 - Book remote hands
 - Arrange permanent/temporary access
 - Review access logs

SECURITY

- 24/7/365 on-site security team
- Secure perimeter fence
- Internal fencing inside perimeter for plant areas
- HD digital CCTV with 90 day retention
- Full access control with audit trail