

Data Centre Colocation - Brussels

Avenue Léon Grosjean 2, 1140 Evere, Brussels, Belgium

Facility Specifications

- Modern data centre facility situated in the east of Brussels
- Operational since February 2000
- Technical space arranged over two floors
- Total Size: 5,842m²
- Fully fitted Colocation space: 1,343m²
- Maximum Site Power: 4MVA
- Carrier Connectivity: Proximus, BICS, Telenet, Colt, Eurofiber, VOO/Brutele, Telia, Interoute/GTT, Lumen, Orange, Belnet, BT Global Services, Cogent, AT&T, Verizon, Sofico, Coditel/Numericable.

Standards

- ISO27001: Certified
- ISO50001: Certified

Power

- 3 x 1MVA HV dedicated underground cable feeds to 3 x 1MVA (4 x 1MVA ultimate) transformer station

Generators

- 2 x 2MVA diesel driven emergency power generators 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

- 3 x 500kVA Hybrid Rotary UPS modules providing 1000kVA total output with N+1 redundancy
- Fifteen-minute battery autonomy per UPS module
- 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: 3,530mm from top of raised floor
- 800mm raised floor height
- Raised Floor loading 10kN/m²
- Structural Floor Slab: > 10kN/m²

Fire Strategy

- Use of non-inflammable and low smoke zero halogen materials where possible
- No storage (especially of flammable materials) within technical space
- Building split into sealed, independent, fire compartments
- Very Intelligent Early Warning (V.I.E.W.) detection above and below raised floor
- Smoke extract system activated by fire alarm
- Double Interlocked pre-action dry pipe sprinkler system

Security

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

Facility Management

- Building Monitoring Systems (BMS)
- Location Operations and Control Centre
- Network monitoring system with critical alarm repeating to Regional Management Centre
- 24/7 local monitoring and logging of temperature and humidity conditions and alarms
- Full perimeter under-floor leak detection linked to building monitoring system

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 three independent points

General Facilities

- Dedicated loading area - delivery hours 09:00-17:00 Monday to Friday
- Goods lift - 1.8m wide x 2.4m high - maximum load 2,600kg

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