DATA CENTRE SPECIFICATION

Barcelona
BCN001°

AtlasEdge
DATA CENTRES

AtlasEdge BCN001
Data Centre

Powered by 4.8 MVA

AtlasEdge BCN001 Data Centre offers over 2.100m2 of secure resilient space.

Highly efficient carrier neutral data centre facility in Barcelona.

AtlasEdge BCN001 Data Centre is located just 4 kilometre away from the nearest major airport, and connected via bus station 700 metre from this site.

This AtlasEdge data centre offers state-of-the-art technology, resilience and 24/7 security and provides over 2.100m2 of data centre space and alternative carrier routing.

With 4.8 MVA of power available the data centre will ensure you have the scalability of energy supply exactly when required.

Service excellence

- High level of reliability and resilience
- Consistent and efficient service delivery
- ITIL based service management methodology

Our team is responsible for the entire mechanical and electrical infrastructure at AtlasEdge Barcelona Data Centre. This includes management of the data halls, capacity management, security, energy procurement and the programme of planned preventative and corrective maintenance work.

BCN001 - Barcelona

Facility overview

- Over 2.100m2 technical space
- 4.8 MVA of power available
- Carrier neutral
- Diverse cable routing
- Use of green energy
- Heavy duty raised floor
- Temperature and humidity in line with ASHRAE guidelines
- HSSD smoke detection (VESDA
- 24/7 onsite security, monitored by multiple guards

Power capacity

- Total power provision of 4.8 MVA
- Centralised UPS system, N+N with dedicated diverse routed power distribution to each data hall
- N+1 generators for the whole building
- Temperature and humidity in line with ASHRAE guidelines
- Office facilities and customer web bar area
- Optional onsite remote hands available

Connectivity

- Carrier neutral
- Multiple Fibre entry points
- Major Cloud provider connectivity
- Alternate carrier routing where feasible as requested by the customer

Fire control

- Addressable analogue alarm system with double knock condition to initiate gas release above and below floor
- Gas suppression system
- HSSD smoke detection (VESDA)

Security

- 24/7 onsite security, monitored by multiple guards
- High perimeter fencing
- Access via Smartcard
- Complete CCTV monitoring
- Door opening alarm
- Central alarm monitoring
- Secure tenant areas available for equipment delivery storage and rack build areas
- ISO 27001 certified

Environmentals

- 4 Kilometre from the nearest airport
- 700 Metre from the nearest bus station

Energy efficiency

- Water cooled Chillers, CRAC RCU
- Use of green energy
- Comprehensive energy and monitoring system as standard
- ISO 14001 certified

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www.atlasedge.com   @AtlasEdgeDC   AtlasEdge

Visiting address
Acero 5-9
08038
Barcelona
Spain

Contact information
barcelona@atlasedge.com