Madrid is the largest data center hub in Spain and a gateway to the world. Three new submarine cables connecting USA, Latin America and North Africa make Spain a vital communications hub in the global network.

**Data center space**
- 3,600m² of IT space
- Flexible colocation deployments
- Ancillary spaces on-site

**Power**
- Total power: 10MVA
- IT load of 6.3MW
- Average power density of 1.5 – 2.0kW/m²
- Dual-power supply at 20kV level from two substations
- Two separate UPS systems (A- and B-supply) with 2N redundancy
- Redundantly designed emergency power system with diesel generators N+1

**Cooling**
- Redundant water-cooled system supported by free cooling (N+1)
- CRAH units in the suites and technical rooms
- Concurrently maintainable air handling units (AHUs) providing fresh air pressurization and humidity control to data suites
- Cold aisle containment

**Fire protection**
- Very Early Smoke Detection Alarm Systems (VESDA)
- Water mist fire suppression system
- Fire protection walls to a minimum of 60 minutes separation
- Monitoring with automatic digital fire alarm system

**Security**
- 24/7 Service Control Center for security and building operation
- Palisade fencing
- CCTV
- Ram-raid bollard protection to BS PAS 68:2013
- Card swipe entry/exit to all doors
- Preventive risk assessment

**Connectivity**
- Carrier- and cloud-neutral
- Carrier-mix
- Connectivity and dark fiber infrastructure
- Carrier-Meet-Me-Rooms
- Redundant cabling infrastructure
- Pre-Cabling
- High-performance internet access
- Inter data center connectivity between our data centers
- Multi Service Interconnection Platform

**Additional services**
- Client implementation
- Installation services
- 24/7 Remote Hands services
- Facility services
- Audit support

**Certifications**
- ISO 9001 (planned)
- ISO 27001 (planned)
- ISO 50001 (planned)
- PCI DSS
- EN 50600 (planned)

**Global data center network**
- Part of the NTT family
- Connectivity options to our global network
**Service level agreement**

- 99.999% power uptime availability
- Climate control conditions in line with ASHRAE guidelines
- Connectivity availability

**Address and contact**

**Madrid 1 Data Center**
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The information in this data sheet contains only general descriptions which may not apply for each individual case or may change as products and services levels are adapted to new technological development. The required service elements are only binding when explicitly stated in a service contract. Technical specifications may be subject to alterations.