



Madrid 1 Data Center

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 **very important communications hub in the global network.**

Data center space

- 3,600 m² of IT space
- flexible colocation deployments
- ancillary spaces on-site

Power

- total power: 10 MVA
- IT load of 6 MW
- average power density of 1.5 – 2.0 kW/m²
- dual-power supply at 20 kV 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 AHU's providing fresh air pressurization and humidity control to data suites
- cold aisle containment

Fire protection

- smoke detection early warning system (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-raïd 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 NTT data centers
- Multi Service Interconnection Platform

Additional services

- client implementation
- installation services
- 24/7 Remote Hands services
- facility services
- audit support

Certifications

- DIN EN ISO 50001
- ISO 27001
- ISO 9001
- PCI-DSS
- DIN EN 50600
- ISAE 3402

Global data center network

- part of the NTT family
- connectivity options to the global NTT network
- access and use of Technology Experience Labs

Service Level Agreement

- 99.999% power uptime availability
- climate control conditions in line with ASHRAE guidelines
- connectivity availability

Technology Experience Lab

- **Technology spaces:** Globally available facilities in productive data centers that bring together more than 140 technology partners to enable prospects and clients to test and validate, but also innovate on the latest technologies.
- **Industry communities:** Today, IT is a key enabler for many organizations. Our partner ecosystem helps these organizations to identify relevant technology providers and connect to relevant partners.
- **Start-ups and venture capital:** Many times, start-ups are major drivers when it comes to disrupting industries. Our start-up unit brings together start-ups, corporates and venture capital firms to enable and accelerate innovation.

Location



Address and contact

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