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Technical specifications

Data Center Arezzo (IT1)

RATING 4 CERTIFIED MAXIMUM RELIABILITY

General
Total surface area: 4.152 m²
Data hall net surface area: 1.300 m²
Number of data center buildings: 1

- ✓ Secure location in terms of earthquakes
- ✓ Secure location in terms of hydro-geological risks

Structure
Usable height of the data hall: 3 m
Height of upper plenum: 0.25 m
Height of lower plenum: 0.5 m
Load capacity of the floating floor 450 KG - distributed load 2500 kg/mq
Walls and floors REI 120

Certifications and compliance

- ✓ ANSI/TIA 942-c-2024 Rating 4 (formerly Tier 4)
- ✓ GO - Guarantee of Energy Origin
- ✓ Code of Conduct for Data Center Energy Efficiency
- ✓ ISO 9001 - Quality of services offered
- ✓ ISO 27001 - IT security
- ✓ ISO 14001 - Environmental management system
- ✓ ISO 50001 - Energy management system
- ✓ ISO 22301 – Business Continuity management system
- ✓ ISO 20000-1 – IT services management system
- ✓ ISO/IEC 27017 – Cloud security controls
- ✓ ISO/IEC 27018 – Managing personal data on the Cloud
- ✓ ISO/IEC 27035 – Managing security incidents and events

Services
Colocation solutions: rack portions; dedicated racks
Power per rack: up to 40kW

- ✓ 24h Smart hands & eyes
- ✓ 24h Systems management

Connectivity
Point of entrance: 2
Entrance Room: 2

- ✓ Carrier neutral data center
- ✓ Provision of managed connectivity
- ✓ Ultra-redundant connection with (IT2) via multi-fiber cables, running along two different routes

Energy
Total power: 2.5 MW IT (redundant)
UPS redundancy: 2 N+1
UPS type: double conversion static
Individual UPS power: 500kVA
UPS run time: 30 minutes (standard) - 15 minutes (minimum)
Generator redundancy: 2N
Generator type: diesel generator units
Full load run time: 48h without refueling

Cooling
Multiple cooling system:

- ✓ Chilled water
- ✓ Gas direct expansion with direct Dynamic Free Cooling
- ✓ Absorption machine

Cooling system redundancy: 2N

Sicurity

- ✓ CCTV
- ✓ Separate parking for employees/visitors
- ✓ 24/7/365 security
- ✓ Network Operations Center (NOC) 24/7/365
- ✓ Building Management System (BMS)

Fire prevention
Air replacement: integrated in DFC system
Extinguishing system: inert gas
Extinguishing gas: IG-100

- ✓ Highly sensitive smoke detection system
- ✓ Fire detection and extinguishing system in each single module
- ✓ Standalone system on every generator unit
- ✓ Underfloor liquid loss detection system

Data Center Arezzo (IT1)

Via Gobetti, 96 - 52100 Arezzo

Main nearby airports
Florence (FLR): 1 h
Rome (FCO): 2h 15 min

Nearby railway stations
Arezzo: 10 min
Florence: 1 h

Nearby motorway tollbooths
Arezzo (A1): 10 min

Estimated average time by car.



