



SOUTH AFRICA

Johannesburg 1 Data Center

Johannesburg is the heart of the **African digital economy**. Our campus will offer **high availability**, scalable data center space with high power density, **carrier neutrality**, cloud network access and **on-site support**.

Data center space

- 3,000 m² of IT space after completion of phase 1
- 6,000 m² of IT space once fully built out
- flexible colocation deployments
- ancillary spaces available

Power

- total power: 20 MVA
- IT load DC1: 6 MW
- IT load: 12 MW once fully built out
- average power density of 2.0 kW/m²
- power supply at 20 kV level
- all IT racks supplied with two separate UPS systems (A- and B-supply) with N+1 redundancy
- redundantly designed emergency power system with diesel generators N+1

Cooling

- chilled water data suite cooling with air-cooled free-cooling chiller systems with a minimum of N+1 redundancy and supplemental adiabatic system for efficiency

- concurrently maintainable AHUs providing fresh air pressurization and humidity control to data suites
- chilled water cooling to MMR and to electrical plant rooms (N+1)
- pressure relief and cold smoke extract system to all suppressed areas

Fire protection

- smoke detection early warning system (VESDA)
- pre-action dry-pipe multi-range nitrogen gas extinguishing system
- fire protection walls to a minimum of 60 minutes separation
- monitoring with automatic digital fire alarm system

Security

- 24/7 Security Operations Center and remote Service Control Center
- site perimeter fence with extended post to 3,000 mm accommodating an electric fence
- 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 Services Interconnection Platform

Additional services

- client implementation
- installation services
- Remote Hands services
- facility services
- audit support

Certifications

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



Global data center network

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

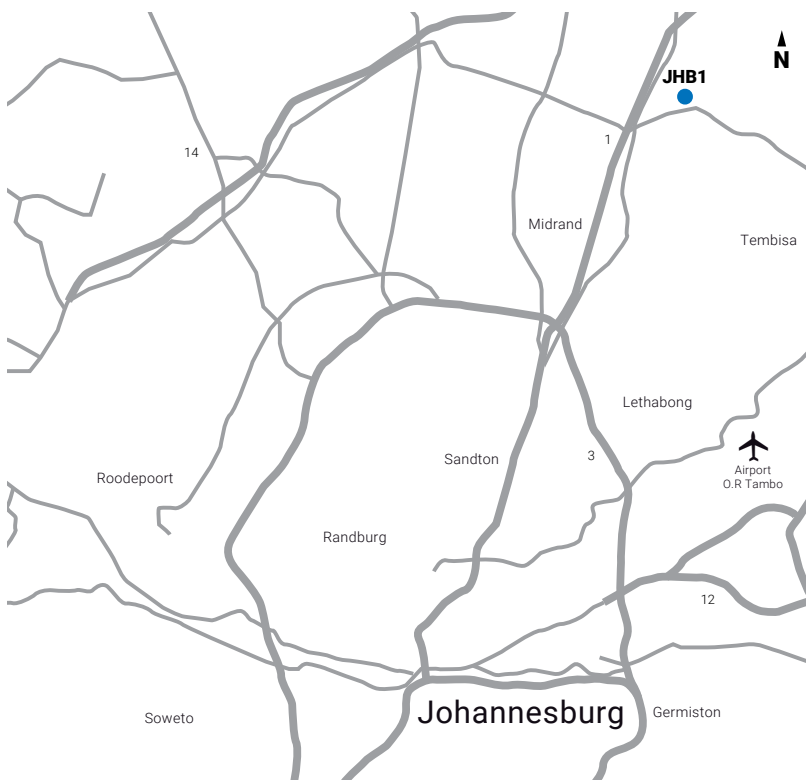
Service Level Agreement

- 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 of NTT 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, information technologies are a key enabler to many organizations. Our industry communities help these organizations to identify relevant technology providers and connect with helpful contacts.
- **Start-ups and venture capital:** Many times, start-ups are major drivers when it comes to disrupting various industries. Our start-up unit brings together start-ups, corporates and venture capitalists to enable and accelerate innovation.

Location



Address and contact

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