Johannesburg 1 Data Center

Complete solutions for your IT and network systems

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

Data center space

- 6,200+m² of IT space
- Flexible colocation deployments
- Ancillary spaces available

Power

- Total power: 20MVA
- Maximum client IT load of 12MW
- Average power density of 2kW/m²
- Power supply at 20kV 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
- Concurrently maintainable air handling units (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

- Very Early Smoke Detection Alarm Ssystem (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 3,000mm 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 our data centers
- Multi Services Interconnection Platform

Additional services

- Client implementation
- Installation services
- Remote Hands services
- Facility services
- Audit support

> **Benefit from tailored infrastructure, and experience in design and operations across all of our scalable and customizable data centers.**
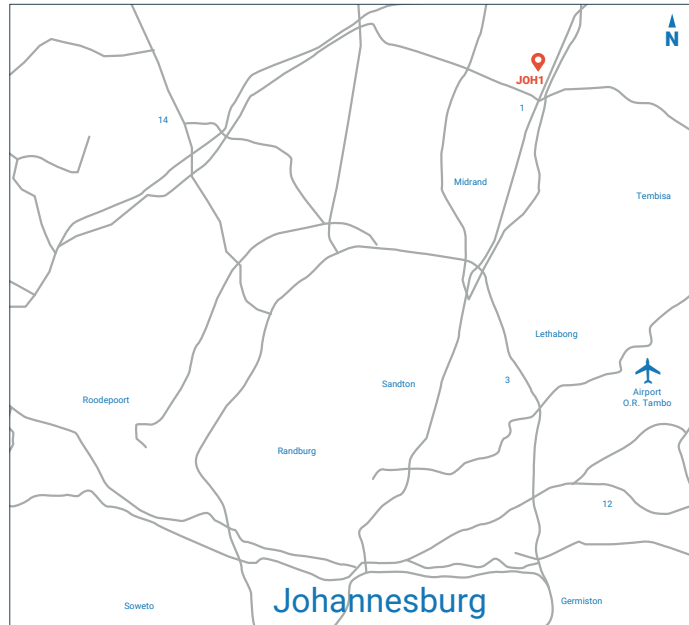
Certifications

- ISO 9001
- ISO/IEC 2701
- ISO 22301
- ISO 50001
- ISO 45001
- PCI DSS
- ISAE 3402 Type 2 Report
- ISAE 3000 Type 2 Report

Global data center network

- Part of the NTT DATA 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

Johannesburg 1 Data Center

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in NTT Global Data Centers

Learn more about Global Data Centers

Global Data Centers is a division of NTT Ltd. Our global platform is one of the largest in the world, spanning more than 20 countries and regions, including the Americas, Asia Pacific, EMEA and India. NTT DATA is routinely recognized as a Leader by leading networking and data center analysts. As a neutral operator, we offer access to multiple cloud providers, a large variety of internet exchanges and telecommunication network providers including our own IPv6-compliant Tier 1 Global IP Network.

You benefit from tailored infrastructure, and experience consistent best practices in design and operations across all of our reliable, scalable and customizable data centers. We're ready to facilitate client adoption of next-generation technologies for computing at scale, virtualization, data migration, and cloud and B2B private connectivity both regionally and across the globe.

NTT DATA has made a net-zero commitment in alignment with the science-based target initiative across its operations by 2030 and the whole value chain until 2040. In addition, we drive towards powering our data centers with 100% renewable energy by 2030.

Visit us at **services.global.ntt/globaldatacenters**

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