

Johannesburg 1 Data Center

Home of AI and cloud computing

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 3N(2) distributed redundancy
- Redundantly designed emergency power system with diesel generators setup to 3N(2) distributed redundancy

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 system (VESDA)
- Pre-action dry-pipe multi-range NOVEC 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 Services
- Installation Services
- Remote Hands Services
- Facility Services
- Audit Support Services



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

Certifications

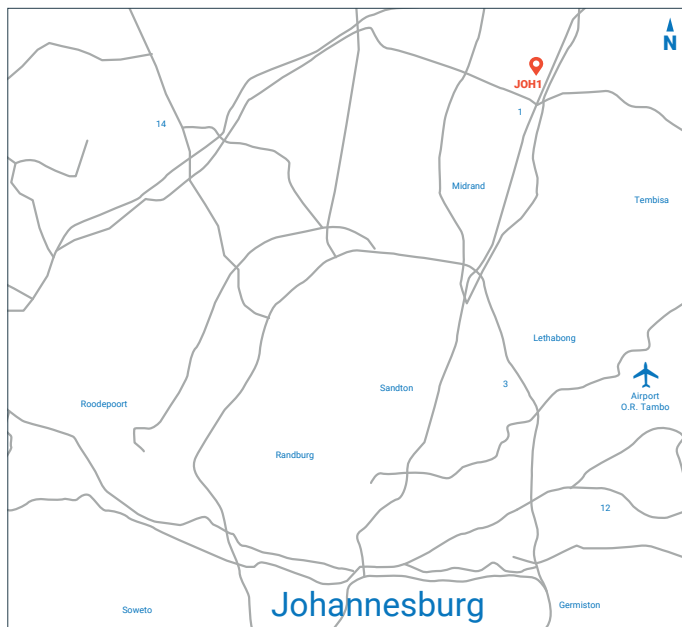
- ISO 9001
- ISO/IEC 2701
- ISO 22301
- ISO 50001
- ISO 45001
- PCI DSS
- ISAE 3402 Type 2 Report
- ISAE 3000 Type 2 Report

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



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About Global Data Centers

Global Data Centers, a division of NTT DATA, operates one of the largest data center platforms in the world with more than 150 data centers in over 20 countries and regions spanning North America, Asia Pacific, EMEA, and India. As a neutral operator, we offer access to multiple cloud providers, a wide variety of internet exchanges, and telecommunication network providers, including our own IPv6-compliant Tier 1 Global IP Network.

As a global industry leader, we excel in powering large-scale high-density and AI infrastructures that deliver scalable power and cooling solutions with unmatched efficiency and reliability. We are ready to facilitate client adoption of next-generation technologies for computing at scale, virtualization, data migration, and cloud and B2B private connectivity regionally and globally.

We are committed to operating our data centers with net-zero emissions across our operations by 2030 and in the entire value chain by 2040, as recognized by SBTi (Science-Based Targets initiative). As part of this commitment, we aim to power our data centers with 100% renewable or low carbon energy by 2030.

Visit us at services.global.ntt/globaldatacenters

