



EMEA

Johannesburg 1 Data Center

Complete solutions for your 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

- 6,000m² 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 Systems (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



Certifications (planned)

- ISO 9001
- ISO 27001
- PCI DSS

Global data center network

- Part of the NTT family
- Connectivity options to our global network

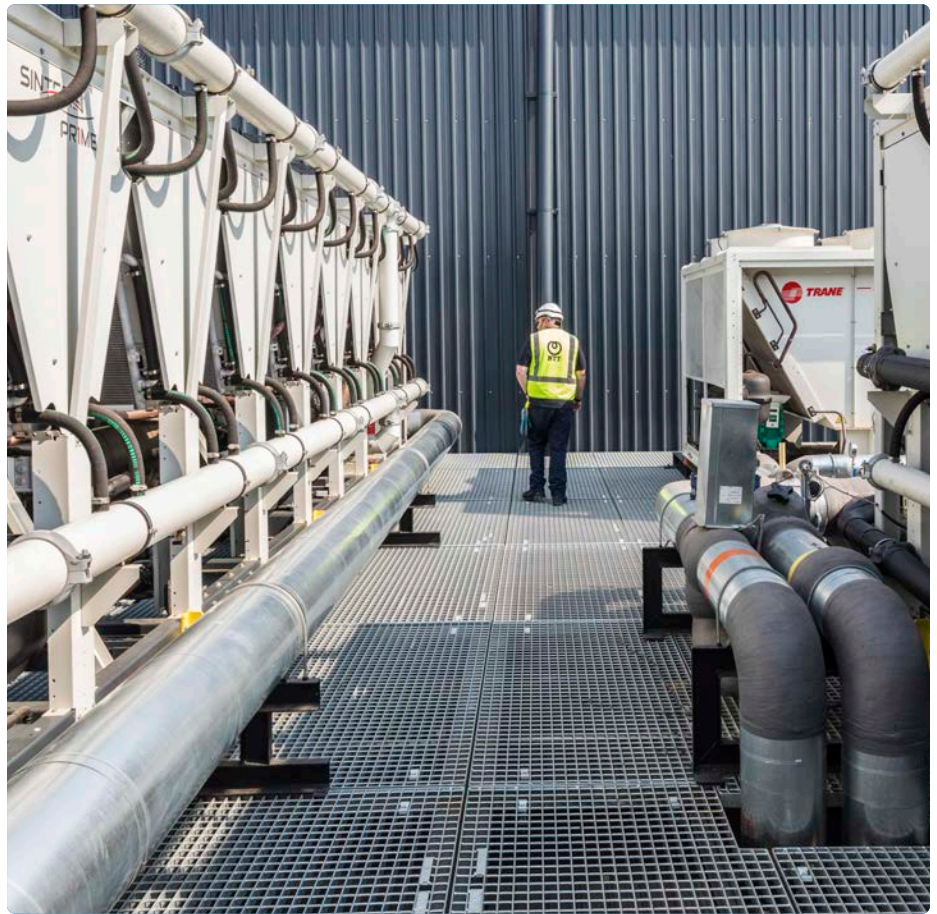
Service level agreement

- 99.999% power uptime availability
- Climate control conditions in line with ASHRAE guidelines
- Connectivity availability

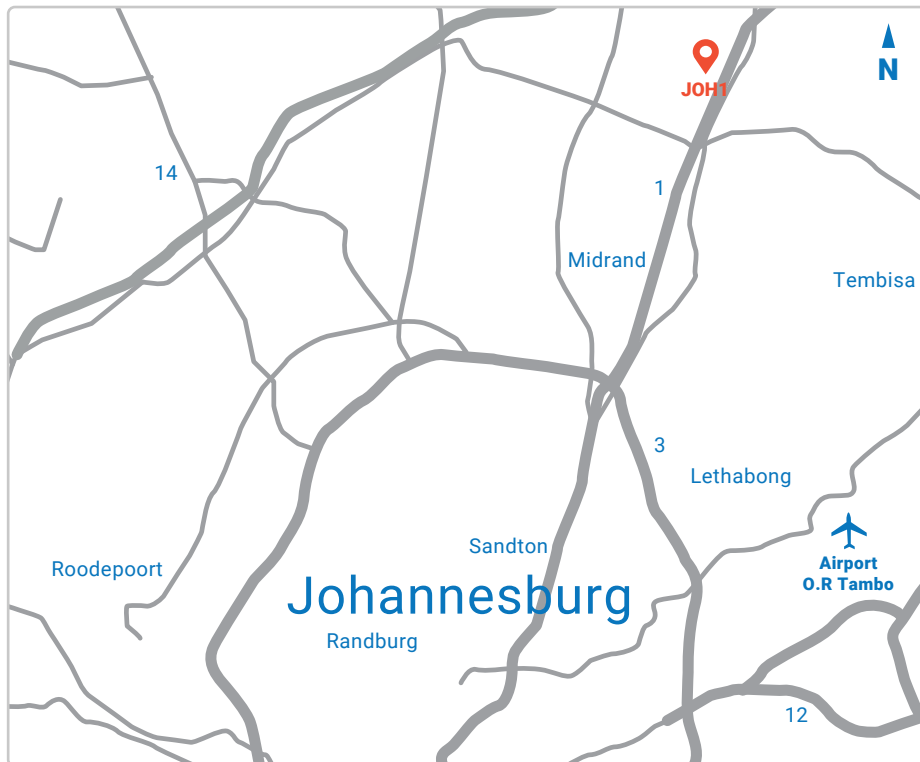
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Location



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The information in this data sheet contains only general descriptions which may not apply for each individual case or may change as products and services levels are adapted to new technological development. The required service elements are only binding when explicitly stated in a service contract. Technical specifications may be subject to alterations.