TELEHOUSE
Home to your global ICT solutions

Telehouse **Johannesburg**

Location: 5 Brewery Street , Isando 1609, Johannesburg, South Africa

Telehouse Johannesburg

Just 10 minutes from O.R. Tambo International airport, Telehouse, in cooperation with Teraco Data Environments, provides a colocation facility built and operated to the highest international specifications, offering carrier neutral choice in connectivity.

Telehouse Johannesburg provides security, fire protection, cooling and cable management according to a N+1 redundancy policy, with power provided on a 2N basis allowing Telehouse to offer SLAs guaranteeing 99.999% availability.

Telehouse Johannesburg is attractive to multinational companies with physical operations in Southern Africa. With the help of an industry leading partner, a great opportunity exists for carriers, ISPs, ASPs and enterprise customers to establish a firm foothold in an emerging market to support their critical ICT infrastructure.

Colocation:

Shared Facility Management (Rack colocation service)

Customer's equipment is installed in a 19-inch, individually locked cabinet. The room provides a common, neutral infrastructure, offering uninterruptible power in a secure and climate-controlled environment.

- Standard Rack Size: 600mm(W) x 1200mm(D) x 47U(H)

- A & B power feeds are delivered to each rack

- Minimum power per rack: 1.1 KvA

- Standard power: 2.2kVA (Please contact our sales team if you require more power)

Dedicated Facility Management (Cage colocation)

Our caged colocation solution provides a higher degree of privacy and security as cabinets are enclosed in a floor-to-ceiling metal cage.

Hosted solutions (IaaS, SaaS)

Telehouse South Africa is happy to discuss your cloud computing needs with you and provide a tailor made solution that suits your company needs.

Connectivity

Telehouse Johannesburg is designed to be your one-stop-shop provider for colocation, in combination with managed connectivity services, both locally as well as internationally. International bandwidth can be provided over more than one sea-cable for resilience.
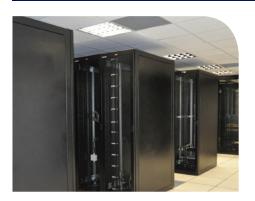
In addition, Telehouse Johannesburg is connected to NAPAfrica. NAPAfrica is a recently developed, neutral, layer 2 Internet eXchange (IX) point, located in South Africa. NAPAfrica enables the exchange of large volumes of traffic between Network Service Providers (NSPs) via public peering. NSPs include Local and International Carriers, Internet Service Providers (ISPs), Application Service Providers (ASPs) and Content Providers, amongst others.

Instead of costly multiple direct links, a single peering point allows multiple networks to interconnect using a shared switch fabric. This fabric typically takes

the form of high end Ethernet switches.

NAPAfrica has the greatest carrier diversity in Africa, making it an open marketplace where NSPs, Enterprise customers, and Content Delivery Networks can do business together without restriction. Virtual Network Interconnections allow the rapid provisioning of one-to-one and one-to-many interconnects.

Power:

- Dual municipal power feeds into the building providing 2x 4MVA power to the Data Centre

- N+1 diesel backup generators fuelled to provide 17 hours power at maximum load

- Power cascaded to multiple redundant distribution boards servicing multiple zones

- Two independent power circuits per cabinet from resilient banks of UPSs

- Fully online UPSs ensure frequency, voltage and surge stability

- Power Distribution Unit technology to manage power down to socket level within cabinets, with remote management to reduce the need to come to site

- Power supplied in 1.1KVA increments from 1.1KVA/cabinet upwards. High power configurations available

Security and Monitoring:

- Comprehensive perimeter and building security, with 'zones within zones' for multiple levels of security

- Pre-authorisation required for Data Centre access according to Telehouse South Africa Access policy

- Visitor identity confirmed visually against picture on named user list, with additional biometric confirmation by fingerprint

- Service areas physically separate from Data Centre areas

- Continuous video surveillance of all zones and cabinets

- Comprehensive audit logs on all access

- Additional bespoke access policies can be implemented for private cage customers

- Alarms and early warning messages alert technicians on duty. All areas have 24X7 intelligent monitoring and video recording with integrated motion sensing

- Unified building monitoring system logs all security and environmental data

Fire Detection & Suppression:

- Pro-active fire monitoring systems, best practice fire protection and prevention procedures

- Multi-zone monitoring within all plenums

- Diesel generators and tanks are physically separated

- Independent power for fire protection and monitoring equipment

Environment:

- Multiple cooling zones with independent CRAC units, each with N+1 redundancy

- Temperature controlled at 25°C +/- 4°C

- Relative humidity 50% +/- 5%

- Hot aisle containment

- Data centre over pressured to ensure dust free environment

- Independent humidity and temperature monitoring on all plenums

- Water leakage detection system in place

Additional Specifications:

- Battery capacity at 15 minutes fully charged

- Ceiling height at 2,600 mm

- 450mm raised antistatic floor with durable floor load at 1,350Kg/sqm

- Staging areas available for lease and one off usage. Parking available to customers and visitors

- 10 min by car from O.R. Tambo International and Domestic airport

Home to your global ICT solutions

Telehouse now offer full end-to-end ICT solutions from design to implementation such as IP connectivity, system integration, LAN and software installation, system monitoring and virtual servers as well as premium data centres.

Speak to a member of our sales team regarding your requirements and we will propose the right solution for you. Telehouse can also assist in improving the efficiency of your existing IT infrastructure and the management of a comprehensive IT migration plan.

Contact Our Sales Team:

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