

The power behind your business. **THINK BIG**

Technology has transformed every industry in the world, and will continue to do so. To thrive in this world of constant innovation, high performance companies need to stay on top of change by partnering with the people who are leading it.



PARATUS
Always Prepared

The Paratus Data Center certified in ISO 9001, ISO 27001 and PCI DSS is purpose-built for security, efficiency and cost effectiveness, no matter your business size.

**Paratus
Data
Center**

Connectivity

- Diverse A & B fiber access connection points (P-MMRs)
- Diverse meet-me rooms (MMR A, B, C & D) for connectivity resilience and cross connection capability.
- Carrier neutral facility
- 80M Tower with microwave redundancy
- Redundant Direct Internet Access (DIA) with multiple providers
- Fully meshed multi-homed Border Gateway Protocol (BGP) peering topology
- 6 Dedicated Telecom meet-me rooms
- IP Transit
- 99.98% uptime
- 100Gbps fiber metro connectivity
- Fiber connectivity to the rack

Colocation

- 540m² of white space & 460m² of engineering space
- 120 cabinet capacity
- Generous 1,200mm x 600mm 42U cabinets, with separately metered PDUs (A&B UPS Feeds)
- Shared, dedicated, caged and private suite rack options
- Remote hands service available
- Dedicated client unboxing and staging area
- Secure client storage space

Fire Detection and Suppression

- Fire suppression and 2-hour fire rating for DC white space, service aisles, UPS and DB rooms
- Environmentally safe, human friendly, low-pressure suppression gas Novec®
- Very Early Smoke Detection Alarm System (VESDA) installed throughout the facility
- Fire extinguishers throughout the facility

Heating, Ventilation, and Air Conditioning (HVAC)

- Cooling with N+1 resilience with built in ATS feeds for A & B power feeds per CRAC unit
- Aisle containment across all aisles
- 12x CRACs (Computer Room Air Conditioner)
- Constant positive pressure throughout facility
- Dual service corridors for cooling facilities
- Dual service corridors for per data hall to ensure segregation between white space and engineering facilities

Power

- 1-Megawatt power capacity
- Redundant A&B power feeds from power utility
- 2 dedicated generators - one per feed for comprehensive resilience delivering a total of 2 MW
- 72 hours of fuel autonomy
- Diverse power feed design throughout the facility
- Fully resilient modular 500 kVA UPSs per feed (A&B) dedicated to the Data Center
- Lithium-ion batteries
- Separate utilities UPS to ensure electrical autonomy
- Lightning protection and earthing system across all buildings and engineering facilities
- Dual Metered UPS feeds per cabinet to deliver up to 3.5kVA

Security Systems

- Multilevel security including alarmed perimeter fences, highly trained onsite security staff and advanced monitoring systems
- 5 Levels of security to the rack for caged environments
- CCTV surveillance throughout the DC campus area, facilities and DC, monitored 24x7
- Alarm system with separate magnetic break detectors for all doors with 8-hour back-up battery
- Biometric access control on all doors

Monitoring and Environment

- Dedicated DC NOC for the entire campus
- 24x7 dedicated onsite NOC operators and DC technicians
- Fully integrated true DCIM system, with asset control, monitoring and I.T Service Management (ITSM)
- Temperature and humidity probes throughout facility
- Water detection probes with bund walls and drip trays for all HVAC equipment

Facilities

- Paratus clients enjoy 24x7 access to facilities
- 3x Work allocation rooms
- 80m² Business Continuation room
- Access to comfortable conference facilities and amenities

Certifications

- ISO 9001 - Quality Management System
- ISO 27001 - Information Security Management Systems
- PCI DSS - Payment Card Industry Data Security Standards

Put your business into high performance gear.

Call us on 0211 262 698 or email sales.zm@paratus.africa to find out how we can help your business.



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