

JOHANNESBURG II DATA CENTER OVERVIEW

Vantage's Second Site in Johannesburg to Deliver on Customers' Needs.

FEATURES

- 5-acre (2 hectares) site
- 20MW of critical IT load
- One, multi-story data center
- 355,000 square feet (33,000 M²) of space
- Class A building amenities including office, conference rooms, break rooms and more

SPECIFICATIONS

POWER	20MW of IT capacity
POWER DENSITY	Up to 300W/SF
SQUARE FEET	355,000 SF

AMENITIES

- Customizable offices and workspaces dedicated to individual customers
- Secure storage with easy access between data modules
- Multiple conference rooms and meeting spaces
- Near the OR Tambo International Airport

POWER

- Power provided by the Municipality of Ekurhuleni
- Multiple, diverse power feeds supporting the facility
- 230V electrical configuration
- 35MVA substation on site
- All systems 100% concurrently maintainable

COOLING

- Computer Room Air Handling (CRAH) units located in two galleries on opposite sides of each data module allow for highly efficient airflow distribution
- Closed-loop chilled water system with air-side economizers
- N+2 redundancy across all mechanical systems
- Water Utilization Efficiency (WUE) is near zero (liters/kW/hr) using the latest cooling design

CONNECTIVITY

- All major fiber-based service providers operating within a few miles
- Two Meet-Me-Rooms (MMRs) allowing for diverse paths and multiple connectivity options
- Two points-of-entry (POEs) ensuring maximum path diversity for inbound carriers
- Diverse fiber pathways into the facility (minimum two paths per carrier)

SECURITY

- On-site security operations center with patrols 24x7x365
- Perimeter security gates and fencing
- CCTV on all access control points
- Dual authentication (access badge/PIN and biometric readers) for customer and critical infrastructure areas
- Visitor management system and badging to control and track onsite personnel all the time