Africa
DataCentres

Why **Africa Data Centres?**

Kenya Nairobi, NB01

The **heartbeat** of your business

We are Africa's largest network of interconnected, carrier and cloud neutral data centre facilities.

Choosing where to put your business critical data is one of the most important decisions your company will make. Bringing global skills to the local market, we are your trusted partner for rapid and secure data centre services and interconnection across the African continent.

Africa Data Centres are designed, built and operated to the highest standards demanded by today's leading cloud providers, carriers and enterprises providing your business with peace-of-mind, regardless of the scale of requirement.

Our facilities are purpose-built and entirely owned and operated by us. This means the physical and digital security of your data and transactional computer processing remain front-of-mind from the physical layer up.

The **[IT]** place to be

- Pan-African
- International expertise
- Uncompromised Security
- Operational excellence
- Carrier Neutral
- Cloud Neutral
- Interconnected

Certified Uptime Institute Tier 3 facility which is unique in East Africa Data Centre Nairobi, Kenya

Available site capacity 7.5 MW (Megawatt)

Access to Africa Data Centres' Pan African footprint

Environmentally friendly and efficient cooling system

Connected to a 24/7 Security Operations Center and Service Control Center

Low pressure gas system installed in data halls triggered by double knock detection of fire alarm

Colocation: Private Cage, Secured Racks, Power Metering and Cross Connects

HVAC (Heating, Ventilation and Air Conditioning), Power and Building critical systems managed and monitored 24/7

ISO27001, ISO9001, ISO4500, ISO14001, PCI DSS

Facility

- The site is a certified Uptime Institute Tier 3 facility which is unique in East Africa Data Centre Nairobi, Kenya

- Located in Nairobi, in close proximity to Jama Kenyatta International Airport

- Site capacity secured from utility 37.5 MW

- 2N Incoming utility supply topology

- Concurrently maintainable data centre designs with high availability elements for fault tolerance built to asset levels

- **Flexible colocation deployments:** Single Rack, Cages, Suites, turnkey built to suites, Shell and Core Solutions

- Ancillary spaces (offices, storage, seating facilities and pre installation rooms available)

- Shared areas such as meeting rooms and catering area

Power

- Available site capacity 7.5 MW

- 2000 m^2 (square meters) of white space

- Max density per rack 15 kW

- 2N Electrical topology at rack level

- Concurrently maintainable electrical system distribution for electrical shutdowns

- UPS (Uninterrupted Power Supply) Battery autonomy time 30 minutes at full load

- Generator backup fuelled to provide a minimum of 96 hours supported by service delivery agreements with diesel vendors

Connectivity

- Carrier and Cloud Neutral

- Access to Africa Data Centres' Pan-African footprint

- Redundant Carrier meet me rooms

- Redundant cabling infrastructure with diverse paths

- Pre cabling to support fast cross connect deployments

- Multi Cloud interconnection platform to connect clients directly to major service providers such as Microsoft Azure, Google Cloud and Amazon Web Services and others

- Connectivity to major hubs and Dark Fibre Infrastructure

Cooling

- Cooling system to Data Halls is concurrently maintainable

- Environmentally friendly and efficient cooling system

- Hot Aisle and Cold Aisle Containment done to maintain cooling efficiencies

- CRAC (Computer Room Air Conditioning) units are designed to N+1

Security

- Connected to 24/7 Security Operations Center and Service Control Center

- Redundant monitoring of all critical functions underpinned by standardised security processes

- Multilevel security zone principle secures the rental area and the technical operation

- Multiple barrier security system deployed across the facility

- Enhanced biometric security availability, built to client requirements and CCTV surveillance with 90-day-video retention and motion detection

Fire Detection and Suppression

- Low pressure gas system installed in the data halls triggered by double knock detection of fire alarm

- High sensitivity smoke detection system deployed in the data halls

- 2-hours fire rated halls

Products and Services

- **Colocation:** Private Cage, Secured Racks, Power Metering and Cross Connects

- Remote Hands available to assist with any client's requirements

- Peering, free peering offered with KIXP (Kenya Internet eXchange Point)

Monitoring

- HVAC, Power and Building critical systems managed and monitored

Certifications

- ISO27001
- ISO9001
- ISO4500
- ISO14001
- PCI DSS