

# Africa DataCentres

## Why Africa Data Centres?

Lagos Data Centre, LOS1

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



World class rated 3 Data centre located in Lagos, in the special Economic Zone called Eko Atlantic City



Maximum Client IT load of 5 MW (Megawatt)



Interconnection of all Africa Data Centres' sites across the continent



Hot aisle and Cold aisle Containment done to maintain cooling efficiencies



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



Low pressure gas system installed in the 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



ISO2700, ISO9001, ISO4500, ISO14001, PCI DSS

## Facility

- World class rated 3 Data centre located in Lagos, in the special Economic Zone called Eko Atlantic City
- N+1 Incoming utility supply
- **Building type:** Secured, dedicated data centre, free standing building
- 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

- Maximum Client IT load of 5 MW
- 4000 m<sup>2</sup> (square meters) of white space
- Dual income feeders
- Max density per rack 15 kW
- 2N Electrical topology at rack level
- Two separate UPS system (A&B supply)
- Generator backup fuelled to provide a minimum of 72 hours of back up fuel at full load, backed up by service delivery agreements with diesel vendors

## Connectivity

- Carrier-Neutral and Cloud Neutral
- Interconnection of all Africa Data Centers' sites across the continent
- 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 the Data Halls is concurrently maintainable
- Hot aisle and Cold aisle Containment done to maintain cooling efficiencies
- Energy efficient cooling system deployed
- CRAH units are designed to N+2

## Security

- Connected to 24/7 Security Operations Center and Service Control Center
- Redundant monitoring of all critical functions underpinned by standardized security processes and the 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

## Monitoring

- HVAC, Power and Building critical systems managed and monitored 24/7

## Certifications

- ISO27001
- ISO9001
- ISO4500
- ISO14001
- PCI DSS

