Open Access
Data Centres LAGOS
A WIOCC GROUP COMPANY

Transforming digital Africa

ISO 27001 Certified — Information Security Management System

TIER III DESIGN
OADC Limited (Nigeria)
OADC Lagos DC Phase 1 (LOS1)
Expires 24 August 2025
UPTIME INSTITUTE CERTIFIED

The Data Centre Powerhouse of Nigeria's Digital Economy

Nigeria's flagship data centre, the largest campus in West Africa, offers a fresh, client-centred approach to data centres. It enables your business to expand into new markets with greater flexibility & scalability.

Lekki, Lagos

Equiano Cable Landing Station

www.openaccessdc.net

OADC Lagos (LOS 1)

Manage your mission-critical data & have the ultimate flexibility for your digital assets with flexible rack space, power mitigation, security & compliance.

Key Site Features

Carrier-neutral facility & subsea cable landing station. A carrier mix from global Tier-I providers to regional suppliers with diverse fibre routes & guaranteed uptime. Metro connectivity to major data centres in Nigeria.

24MW site load, 33,000v power supply with 11kV distribution network on site to dedicated transformer & power distribution rooms per-phase. 400/230v three-phase. 48v DC power on-site.

Multi-stage physical security & 7-level access control system. 24/7/365 monitoring of all aspects of data centre infrastructure.

Data Centre Infrastructure Management (DCIM): Web-based system monitoring & managing all aspects of data centre infrastructure (power, a/c, fire protection, security) & client equipment alarm.

The latest fire detection & supression technology with smoke detection in every room on site.
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9,563m²	7,200m²	Tier-III
Total Area	Technical Space	Certified
N+1	**24MW**	**3 - 7kW**
Cooling Redundancy	Site Load	Per Rack

Services

Colocation (Racks - multiple, single, half & quarter racks available + cages & suites)

Cross connects & structured cabling

Remote (Warm) hands & client insights

Global cloud platforms hosted locally

Internet exchange point (IXP)

OADC Lagos Phase-2

Power

Power feed: up to 24MW site load, 33,000v power supply with 11kV distribution network on site to dedicated transformer & power distribution rooms per-phase

Power on site: 400/230v three phase, also 48v DC

Generators: 100% backup of complete site using 2N, data centre continuous rated, diesel generators. Minimum 72-hour fuel storage capacity with polishing & refuelling during use 24/7/365. Fuel delivery callout contract in place 24/7/365

UPS: modular 'hot swappable' static 2N configuration – 10-minutes autonomy

Grounding system: full TNCS earth network + ground strike & building lightning protection & surge protection systems

Lighting: 500Lux at working plane LED in data centre aisles

SLA: guaranteed 100% power uptime on A or B power paths at any time

Environment

DC cooling capacity: 3-7kW per rack

Temperature/humidity range: ASHRAE TC9.9 Table A1

Cooling redundancy: N+1 configuration

Cooling system: independent, 120kW DX, close-control air-conditioning units, N+1

Security

Physical security: perimeter wall & fence

Vehicular security: manned, secure & monitored building perimeter entrance

Human: 24/7/365-manned security station

CCTV: exterior, interior & data hall-specific CCTV, minimum 30 days of time-lapse digital image recording

Biometric finger scanner at the entrance

Photo ID access card & intruder alarm

Access control: 7-level access control system with highest level to access the technical areas
• card access proximity readers to all doors
• monitored perimeter doors
• anti-passback
• customer equipment alarm
• enhanced security options to dedicated suites
• electronic visitor sign-in system

Fire Protection

Fire detection: latest technology, analogue addressable system with smoke detection in every room on site

High sensitivity VESDA: VESDA system in critical areas + data halls as an early warning system

Fire suppression system: NOVEC 1230 gas-suppression system in data halls

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