







# The DRC's First Live Uptime Institute Certified Tier-III Data Centre

OADC Texaf Kinshasa delivers colocation & other value-added data centre services that support the cloud infrastructure needs of a wide range of businesses.



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## 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

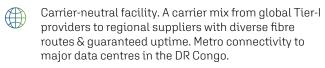
Internet exchange point (IXP)



# OADC Texaf Kinshasa (FIH 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**



2MW site load, 22,000v power supply with 11kV distribution network on site to dedicated transformer & power distribution rooms per-phase. 380/230v 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.





The latest fire detection & supression technology with smoke detection in every room on site.



#### Power

**Power feed:** up to 2MW site load, 22,000v power supply with 11kV distribution network on site to dedicated transformer & power distribution rooms per-phase

Power on site: 380/230v 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 and 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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