

Raxio Tanzania

RAXIO
The data centre company

Technical Specifications
Site ID: TZ1

Raxio Tanzania offers customers an optimised environment for their IT equipment in a state-of-the-art, modular facility, fully equipped with industry's best in technology, 24x7 security, AC/DC power compatibility and redundancy. This 4,000m^2 facility can house up to 800 racks and deliver 6MW of IT power.

Specification Overview

- Tier III standard
- High security
- Operational Excellence
- Carrier neutral
- Connectivity hub
- Optimal location
- Scalable
- Sustainable

TIER DESIGN
Raxio Angola LDA
Raxio AG1
Expires 8 November 2026
UPTIME INSTITUTE CERTIFIED

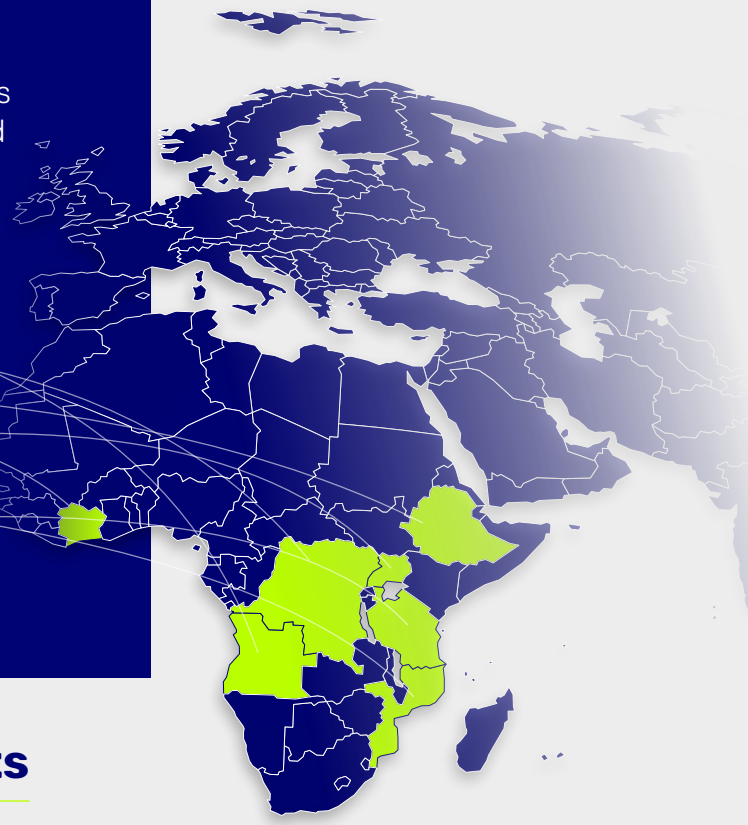
RAXIO
The data centre company

Raxio is a premier pan-African provider with a network of carrier-neutral Tier III data centres fully dedicated to colocation.

A proud pioneer in every market we enter, our network of regional facilities offers customers unparalleled access to affordable connectivity, enterprise-grade facilities and exceptional integrated services.

Widest footprint in Africa

- Angola
- Democratic Republic of Congo
- Ethiopia
- Ivory Coast
- Mozambique
- Uganda
- Tanzania



Services

Colocation
Secure hosting environments for the full spectrum of clients, from retail to wholesale. Offering half rack options up to dedicated suites. Our customers have the option to scale quickly as their needs grow.

Cross Connections
Diverse Meet Me Rooms offer easy and redundant interconnection between other customers.

Cages
Private cages offering an added layer of security with restricted access and CCTV.

Remote Hands
In-house team of trained engineers operate on a 24x7 basis to provide technical support whenever you need it.

Key benefits

Scalability
With over 16,000m^2 across a growing network of seven world-class data centres in strategic locations.

Flexibility
Grow with a range of floor space and power density options without worrying about upgrading infrastructure.

Connectivity hub
Data centres that are located in growing metros in Africa selected to serve as both primary and disaster recovery along major connectivity routes.

Cost Effective
Competitive pricing for both retail and wholesale clients offering significant savings to alternative solutions.

High SLAs
Guaranteed 99.982% uptime delivered via a fully redundant design that is concurrently maintainable with no single points of failure.

Bespoke solutions
Solutions can be tailored to individual customer requirements.

Sustainable
Energy efficiency is at the core of our business. Our power is renewably sourced, and we offer industry leading PUE delivered via ultra-efficient equipment selection.

Operational excellence
Operated by trained IT professionals in line with industry standard SOPs.

Financially sound
Backed by large investors with Africa focused investing and operating experience.

Secure
High security with 24x7 CCTV monitoring and manned guards. 7 layers of access from gate to rack level. Industry standard security operating procedures.

Raxio Tanzania

Location

Located just on the outskirts of Dar es Salaam

Along major fibre routes

Primary & disaster recovery

Core

Tier III Standard

Up to 800 Racks

4 – 21 kW per rack

Hosts DRC's IXP (UIXP)

Industries

Enterprise

Financial

Telecom

Media

Services

Colocation

Cross connection

Active & dark fibre

Remote hands

Shift & lift

Caging

Customer spaces

Expanded services

Location

- The data centre is located on the outskirts of Dar es Salaam
- Along major fibre routes and rings
- Approximately 30 minutes from the central business district

Building Overview

- Purpose build facility from ground up
- Long-term leasehold
- 54U 600x1200mm racks
- Two floors
- 6,000m^2 of white space
- Flexible IT space with ability to create bespoke environments as required

Main Structural Features

- Administration block and ancillary building are traditional construction
- Data hall and MEP rooms is steel frame with concrete floors with vertical steel plate wall
- 5.9M slab to slab height
- Floor loading 20 T/m2

Power

- 33kV utility supply with future N+1 redundancy
- 2N power redundancy at the rack level
- Fully diverse power distribution to technical areas
- On-site fuel storage to support 48 hours at full capacity with 24x7x365 fuel delivery
- 7 minutes UPS autonomy

Cooling

- 6MW of installed cooling provision initially
- Minimum N+1 resilience on all systems
- Humidity in technical space is controlled within the recommended range of ASHRAE TC9.9
- Energy efficient indirect adiabatic cooling

Security

- Operations Centre manned 24x7x365
- Security guard patrols 24x7x365
- Continuous CCTV surveillance of external and internal areas
- Comprehensive intruder detection and alarms to all areas
- 3.5m boundary wall with razor wire
- Road blocker at site entrance
- Access control using proximity card readers and biometric readers
- Secure managed delivery and loading area available 24x7x365

Connectivity

- Carrier neutral with 8 connectivity providers terminating fibre to the facility
- Network dense with access to multiple global and regional carriers and Internet service providers offering Dark Fibre, IP Transit, Peering, CDN, Storage, Virtualised Services (SDN), Voice and Mobile Services
- Access to multiple cloud services through leading public, private and hybrid cloud solution providers
- 2 dedicated Meet Me Rooms
- 2 diverse fibre intake points
- Diverse cable routes and pathways
- Onsite 50m tower mast

Fire Detection and Suppression

- Analogue addressable fire detection system in all areas
- Aspirated early warning smoke detection system VESDA (monitored 24x7x365)
- Gas suppression system protects data hall and all technical areas

Critical Environments Management

- Experienced 24x7x365 facilities management team
- Environment (thermal conditions) monitored 24x7x365
- All Building Management Systems (BMS) monitored 24x7x365
- Comprehensive energy metering system
- Internationally recognised critical environments programme

Certifications

- Uptime Institute Tier III certified design which is concurrently maintainable with no single points of failure



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