Raxio Uganda

RAXIO
The data centre company

Technical Specifications
Site ID: UG1

Uganda's first enterprise-grade and Tier III certified carrier neutral data centre. Located in the Namanve Industrial Park along key fibre routes, Raxio Uganda delivers best-in-class colocation, cross connect, fibre and IT infrastructure services. This 1,000m^2 facility can house up to 250 racks and deliver 1.5MW 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

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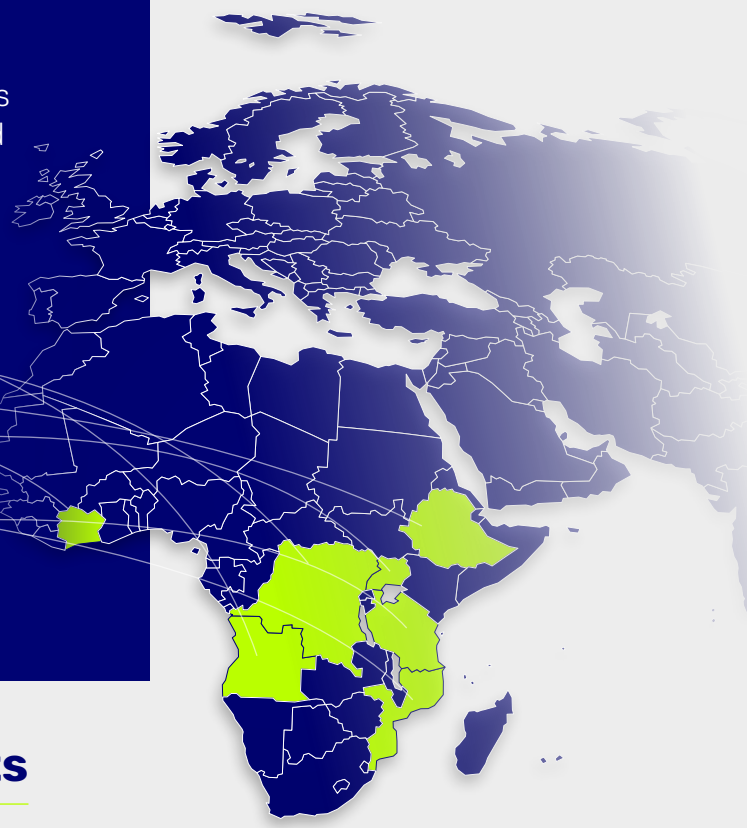
Raxio is a premier pan-African provider with a network of carrier-neutral Tier III data centres fully dedicated to colocation.

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 Uganda

Location

Namanve Industrial Park
Outskirts of Kampala
On all major fibre routes
Primary & disaster recovery

Core

Tier III Standard
Up to 400 Racks
4 – 21 kW per rack
Hosts Uganda'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 15km from Kampala CBD within the Namanve Industrial Park along the Kampala-Jinja Highway
- Situated in Namanve Industrial Park which is purpose built for industry
- Along major fibre routes
- Approximately 1hr away from Entebbe International Airport

Building Overview

- Purpose build facility from ground up
- Long term leasehold
- 54U 600x1200mm racks
- Single floor
- 1,000m^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
- 5.6m slab to slab height
- Floor loading 15kN/m^2

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 min UPS autonomy

Cooling

- 2MW of cooling provision
- 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

- Security Operations Centre 24x7x365
- Security guard patrols 24x7x365
- Continuous CCTV surveillance of external and internal areas
- Comprehensive intruder detection and alarms to all areas
- 2.4m 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 15 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

Fire Detection and Suppression

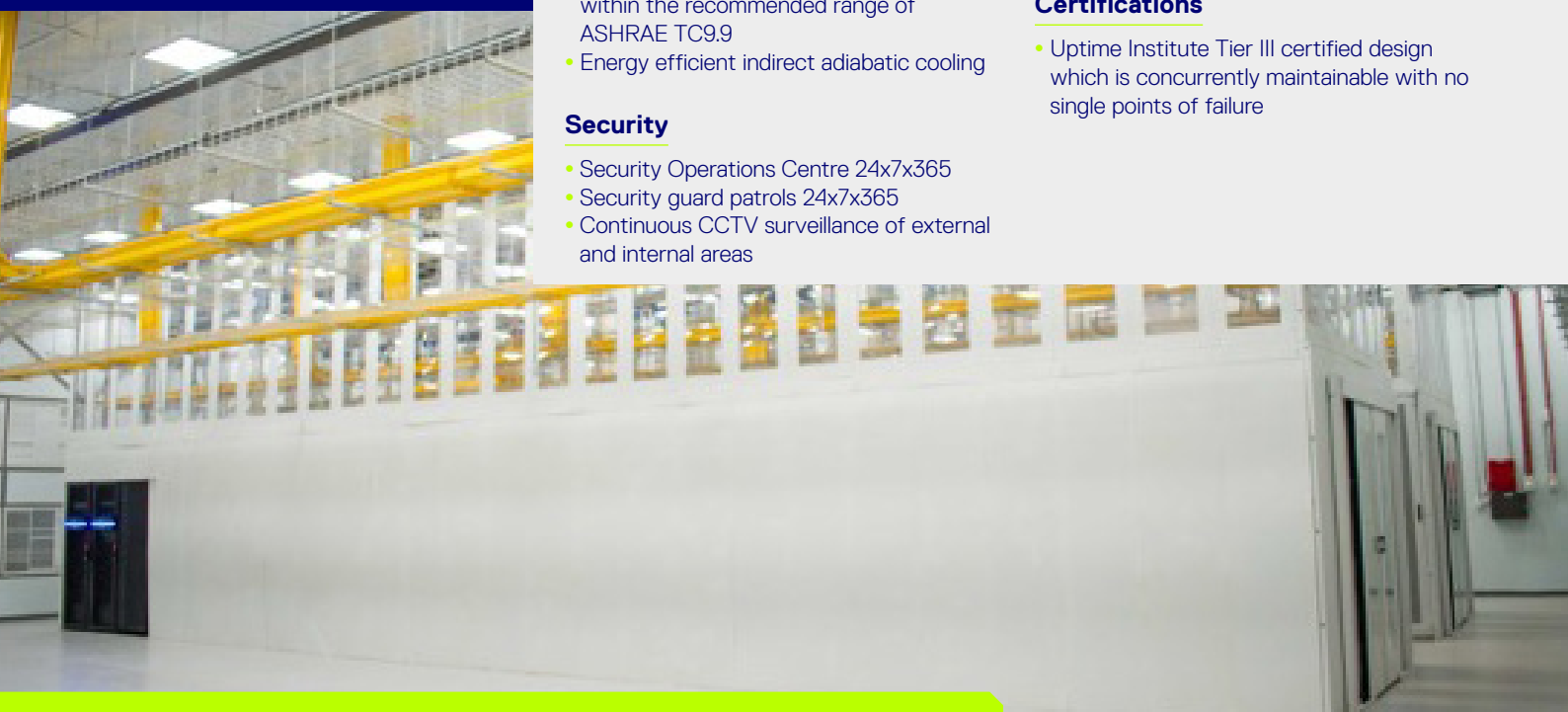
- Analogue addressable fire detection system in all areas
- Aspirated early warning smoke detection system VESDA (monitored 24x7x365)
- Gas suppression system protects data hall and all technical areas

Critical Environments Management

- Experienced 24x7x365 facilities management team
- Environmental conditions monitored 24x7x365
- All Building Management Systems (BMS) monitored 24x7x365
- Extensive 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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