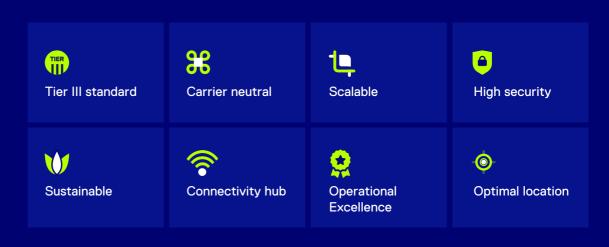


# Technical Specifications Sheet Site ID: UG1

Raxio Uganda is Uganda's first enterprise-grade, Tier III certified carrier-neutral data centre. At the heart of Namanve Industrial Park, Raxio Uganda is ideally located along key fibre routes and delivers best-in-class colocation, cross connect, fibre and IT infrastructure services.



# **RAXIO**

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

- > Uganda
- > Democratic Republic of Congo
- > Ethiopia
- > Ivory Coast
- > Mozambique
- > 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**

#### Scale

Scalability with over 65,000 sq ft (6,000 sq m) across a growing network of six 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.





#### 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)



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
- 1,000 sqm 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/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 min UPS autonomy

# Cooling

1.7 MW of installed cooling provision initially

- Minimum N+1 resilience on all systems
- Humidity in technical space is controlled within the recommended range of ASHRAF 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
- · 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 11 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 & 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

# RAX:0



- Plot 781, Block 113,
- +256 323 010 100
- info@raxio.co.ug
- <u>raxiogroup.com/locations/uganda</u>

Namanve Industrial Park, Mukono

# **Raxio Group offices**

# Raxio Headquarters

Herengracht 573 1017 CD, Amsterdam The Netherlands

info@raxiogroup.com

# Raxio Dubai

Gate Village 7, Unit 1, level POD, DIFC, Dubai

+971 4 220 0016 info@raxiogroup.com

# Raxio Kenya

The Pavilion, 7th floor, Lower Kabete Road, Westlands, Nairobi, Kenya

+254 759 454 234 info@raxiogroup.com