

RAXIO



Tanzania Data Centre Business Plan



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1. Executive Summary

Raxio Data Centre Ltd (Tanzania) (“Raxio Tanzania” or “Raxio”) is established under Raxio Group, Africa’s premier platform of carrier neutral, colocation, Tier III data centres, providing industry-standard, enterprise-grade facilities and services that serve as the foundation of Africa’s digital economies. Following its first facility in [Uganda](#), Raxio Group has expanded its presence to [Ethiopia](#), [Mozambique](#), [Democratic Republic of Congo](#), [Ivory Coast](#), and [Angola](#) and is now investing USD 27.3M to build and operate a 1.5 MW, Tier III, carrier neutral colocation data centre in [Tanzania](#) that has the potential to expand to 6MW.

Set to be commissioned in Q1 2025, Raxio Tanzania will be located at Plot P37684, Mbezi Juu, Kinondoni District, in Dar es Salaam, ideally situated to meet both primary and disaster recovery needs of a wide range of customers. The identified location provides attractive power and connectivity infrastructure ensuring a stable and highly connected operating environment for the facility. With this data centre, Raxio will serve as an enabler of international IP transit for the region and its six landlocked neighbours.

In line with Raxio’s other facilities across the continent, Raxio Tanzania will be fully equipped with industry best-in-class cooling technology, security, caging, AC/DC power compatibility and redundancy in a 99.982% uptime environment. By colocating into Raxio’s facility, customers will benefit from a “shared infrastructure” model, and substantially reduce their operational and capital costs while improving application performance and flexibility, thus allowing customers to focus on their core service delivery.

In addition to providing an ideal environment for leading industries across Tanzania, Raxio will be a critical feature to the country’s digital backbone. Through Raxio’s cross connect service, Mobile Network Operators (MNOs), Internet Service Providers (ISPs), and carriers will be able to interconnect to each other and their customers, reducing the cost of access across the country while stabilizing connectivity at improved speeds.

As the second largest economy in the East African Community (EAC), with an estimated population of more than 60M and 91% mobile penetration in 2022, Tanzania is one of the biggest consumer markets in the region. The country has also been one of Sub-Saharan Africa’s fastest-growing economies, boasting average GDP growth of approximately 6% in the period 2001-2021. With four subsea cables already landed in the country and more to come in the next few years, Tanzania will be an increasingly important connectivity hub for the region. Expanding the infrastructure backbone is critical to support the continued digital and economic growth of the region and Raxio Tanzania will serve as a key enabler of international IP transit for the East African country’s neighbours.

From meetings held in Tanzania with potential customers, Raxio believes there is an immediate and expanding need for Tier III carrier neutral data centres. The key target customers for Raxio will be financial services, carriers, ISPs, CDNs, cloud service providers, IT companies, media companies, and large enterprises.

The data centre will have a transformational effect on the Tanzanian digital economy by providing a critical and missing part of digital infrastructure in the country. The state-of-the-art facility will enable Tanzanian companies to operate more effectively locally, to compete in a regional and global context and will provide an environment where new companies focused on the digital economy can thrive. We believe the facility will have significant knock-on effects, creating opportunities for technology-savvy employment and broader technological exchange.

2. Description of the Business

2.1. Business Environment Analysis

2.1.1. Tanzania Profile

Tanzania is a strategically located market with a population of 60M+ people – it borders eight other countries, six of which – Uganda, Rwanda, Burundi, Malawi, Zambia, and DRC – are landlocked. These landlocked countries use Tanzania’s territory to conduct international trade. As a member of the East African Community (EAC), as well as, the Southern African Development Community (SADC), Tanzania provides investors access to a wider market of over 400M people in the region. In addition to the trade potential within these blocs, Tanzania also benefits from free trade agreements with China, India, Japan, the United States, and the European Union.

Tanzania has had an annual average pre-pandemic growth rate of 6.9% between 2015 and 2019, higher than East Africa’s average of 5.4% and Africa’s average of 3.2% over the same period. In July 2020, Tanzania reached an important milestone when it formally graduated from low-income country to lower-middle-income country status. The country’s achievement reflects sustained macroeconomic stability that has supported growth. The key sectors driving its growth are services, industry and agriculture which contribute 42%, 23% and 28% respectively to the country’s GDP. According to the World Bank, the country’s economic outlook going forward is positive, with GDP growth at 4.3% in 2021 and 4.6% in 2022, due to improved performance of the tourism sector and the reopening of trade corridors.

2.1.2. ICT Sector Profile

Four subsea cables currently land in Dar es Salaam: Eastern Africa Submarine System (EASSy), Seychelles to East Africa System (SEAS), SEACOM and 2Africa. 2Africa cable (led by Meta) landed in Dar es Salaam in August 2023. Other subsea providers such as Djibouti Africa Regional Express (DARE), Liquid Sea, Africa-1 have expressed interest in extending their cables as well. This influx of international transit capacity will further strengthen Tanzania’s position as a critical connectivity hub for East Africa, and for its landlocked neighbours, Burundi, the DRC, Malawi, Rwanda, Uganda, and Zambia.

Currently, the Tanzania’s national fibre-optic network stretches 8,319km and connects 21 regional capitals. Tanzania Telecommunications Corporation (TTC formerly TTCL) recently signed an MoU with Tanzania Electric Supply Company (TANESCO) to expand broadband connectivity across the country – this partnership will increase the length of the fibre infrastructure by 4,450km and connect the remaining ten regions – under the National ICT Broadband Backbone (NICTBB), the target is to expand the fibre backbone to 15,000km by 2025. As the strategic vehicle facilitating the implementation of e-government, e-health, e-commerce and e-learning to accelerate socioeconomic development, NICTBB offers wholesale high-capacity transmission services nationwide and into Tanzania’s neighboring countries.

There are seven MNOs currently present in Tanzania: Vodacom (30% market share), Airtel (26%), Tigo (25%), Halotel (14%), Zantel (2%), Tanzania Telecommunications Corporation Limited [TTCL] (2%) and Smile (<1%). According to the Tanzania Communication Regulatory Authority (TCRA), there were 58.1M registered SIM cards in Tanzania as of September 2022.

In June 2021, the World Bank approved the Digital Tanzania Project (DTP) with funding of USD 150M from the International Development Association (IDA). The project aims to increase access to high quality broadband internet services for the government, businesses, and citizens, and improve the government’s

capacity to deliver digital public services. One of the key objects of the project is to improve digital connectivity in the country by “ensuring access to affordable, high quality internet services for all citizens, including in rural areas, and for critical government institutions.” This is another indication of the government’s belief that creating an enabling environment for connected services will play a critical role in the country’s digital future.

As a result of the continued investment in the ICT sector, the strength of Tanzania’s connectivity infrastructure makes it ideal for a state-of-the-art carrier neutral, colocation, Tier III data centre.

2.1.3. Regulatory Environment

Under the Electronic and Postal Communications (Licensing) (Amendment) Regulations, GN No. 65 of 2022, Raxio will be required to obtain a Network Facilities license to operate a data centre facility in Tanzania. The required fees for Public Data Centre companies have thus been outlined as follows:

- Application Fee: Tier 3 Public Data Centre is USD 5,000
- Initial Fee: Tier 3 Public Data Centre is USD 25,000
- Renewal Fee: Tier 3 Public Data Centre is USD 25,000
- Royalty Fee (Annual Turnover): Tier 3 Public Data Centre is 1% of the Gross Annual Turnover (GAT)
- Tenure of license:

Raxio submitted its application and fully paid for a Network Facilities license to TCRA as per the guidelines provided and the TCRA has **approved** the license.

2.2. Investment Objective

Data infrastructure has significantly improved in Tanzania, through investments in fibre-optic networks. Due to initiatives by the World Bank, African Development Bank and other stakeholders, internet connectivity has increased because of the East African Submarine Cable System (EASSy) and SEACOM cables landing. There is also expected to be an acceleration of data consumption with the landing of additional subsea cables that will directly impact the cost of connectivity.

Further to this, the National ICT Broadband Backbone (NICTBB) has been extended to Tanzania’s eight border crossings: Kenya, Uganda, Rwanda, Burundi, DRC, Zambia, Malawi and Mozambique. The extension of the fibre connectivity is quickly turning Tanzania into an ICT hub for the region. Carriers and MNOs are utilizing the network for redundancy to the neighbouring countries, to access the cable landing station (CLS). However, the key constraint is the lack of adequate carrier neutral data centre facilities to address the needs of various players across key sectors, including MNOs, ISPs, financial services, and enterprises. It was noted that SEACOM’s cable landing station (CLS), which currently has about 30 racks primarily reserved for carriers, has been overwhelmed with requests from ISPs and enterprises wanting to colocate in their facility due to lack of adequate and favourable options.

Some of the additional factors driving demand are:

- i. **Carrier Neutrality:** Raxio business model is to establish Tier III carrier neutral facilities. Due to this position, Raxio will be able to secure customers across both the private and public sectors in

Tanzania and from its neighbouring countries. With strong interest expressed by the financial services sector and the connectivity providers, there is a sense of urgency to collocate their critical IT equipment into what will be the country's first carrier neutral, Tier III data centre.

- ii. **OTT/CDN Deployments:** In connection with new cables landing, OTTs/CDNs will also be looking for sites to host their edge deployments. A CDN has expressed to us their interest and prioritization of the Tanzania market, and we would expect other OTT/CDN providers to follow suit as connectivity continues to improve, and demand for digital content continues to grow. As we have witnessed in other markets in which Raxio has invested in.
- iii. **E-Money and Digital Services:** There are currently seven mobile network operators in Tanzania: Vodacom (30.2%), Airtel (26.1%), Tigo (25.6%), Halotel (14%), TTCL (2.1%), Zantel (2%) and Smile. Tanzania's mobile operators had 53M subscribers as of June 2021, with a mobile penetration rate of 86%. Mobile handsets are playing an increasingly prominent role in the financial sector, a trend that stems from the arrival of several mobile money operators, such as Airtel Money, Tigo Pesa, M-Pesa and Ezy Pesa. At the same time, the number of Tanzanians with mobile money accounts rose to 23M (38% penetration) - up from 18M at the start of 2017. As mobile money account ownership continues to grow across Tanzania, MNOs as well as banks trying to stay competitive in the digital services sector will require increasing amounts of data storage, all while remaining compliant with data sovereignty regulations - collocation services provided by Raxio will become more compelling relative to their in-house alternatives.

2.2.1. Value Proposition / Services

Raxio's primary value proposition is to offer a secure, well-serviced collocation space for local and international companies to install their own servers and other IT equipment for a monthly fee. Tenants utilizing space in the data centre will also pay monthly fees for value added services such as cross connection and remote hands, where Raxio will offer technical support services such as installation, cabling, set-up, and trouble shooting.

Companies elect to collocate their equipment in a shared space for the following reasons:

- **Lower costs:** By sharing the costs of fixed infrastructure [power, cooling, connectivity] to support their equipment, companies can save nearly 2x while minimizing the challenges around infrastructure upkeep.
- **Preserve real estate:** Through collocating equipment at a centrally located facility, companies can save space in their building by outsourcing collocation services.
- **Reliability:** Data centre companies are exclusively focused on maintaining high levels of stability and resilience to their customers, ensuring that their equipment is online 99.9% of the time.
- **Interconnection:** By connecting with other businesses that are also colocated within the data centre, the facility becomes a hub/marketplace.
- **Security:** Data centres are purpose built to offer a high level of security for customers. Raxio data centres offer up to 7 levels of security before a person can access a rack within the data hall.
- **Scalability:** Customers can flexibly pay-as-you-grow because our data centres are designed to be able to scale rapidly to meet customers' needs.

2.2.2. Market Size

Rapidly increasing data traffic and redundancy regulations are driving global demand for data storage and for secure and redundant operating environments for IT systems. The global data centre construction market was ~USD 15B in 2014 and is expected to reach ~USD 73B in 2022. Customer demand has resulted in the creation of large multi-country data centre companies.

The data centre landscape in Africa is still, nevertheless, in early stages of development. The market has thus far lagged many emerging markets but is poised for fast growth. The African colocation market is estimated at over USD 300M today and expected to double in the next 3-5 years. Recent data centre colocation revenue growth of ~30% per annum has outpaced the top line growth in most ICT sectors and is expected to continue to expand.

Tanzania market estimate

Raxio has conducted numerous interviews with potential clients from various industries and analysed the current availability of racks within the market. Based on these discussions and extrapolations, we estimate there are 1,552 to 1,950 racks in Tanzania, split across the industry breakdown in the table below. Many of these racks are located within small sub-optimal on-premises server rooms or in the government-owned and operated National Data Centre, or in MNO data centres from Tigo and Vodacom, none of which is carrier neutral.

Sector	Total racks
Telcos	435 - 450
Financial services	539 - 600
Enterprise	182 - 250
ISPs	34 - 50
CDNs	53 - 100
Oil & gas	6 - 10
Media	117 - 150
FinTech	23 - 50
Healthcare	9 - 20
Education	45 - 60
Carriers	37 - 50
Government	19 - 50
Technology	53 - 100
NGOs	0 - 10
Total	1552 - 1,950

Source: Raxio Group internal research

Addressable market size for Raxio

To estimate demand for colocation, and establish a true addressable market, Raxio:

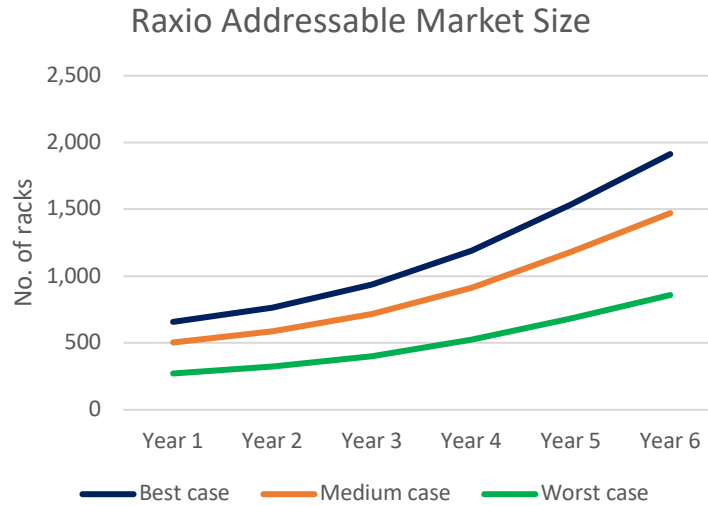
- Discussed appetite for collocating their primary and DR racks into a third-party facility with potential clients in Tanzania.
- Sanity checked their estimates by comparing their rack estimates against projections and actuals with Raxio clients in other markets.

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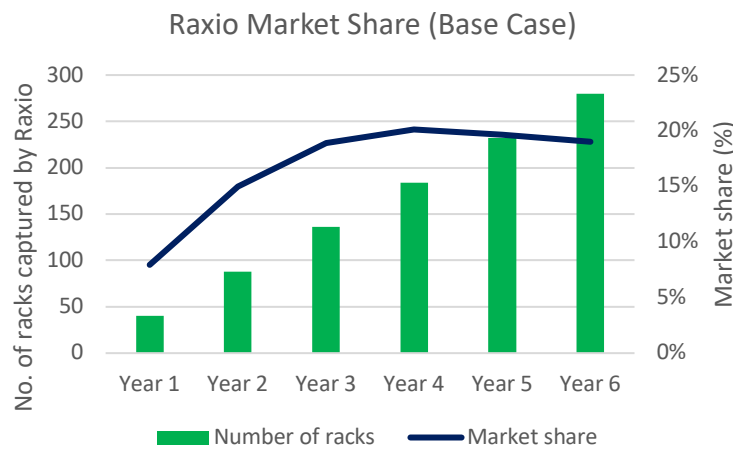
- Extrapolated industry size using proxies from other markets and actuals from customers in Tanzania.
- Through market analysis of industry trends in Tanzania, estimated the total addressable market.

Based on this analysis, Raxio believes there is a large unmet demand for a professionally managed and world-class carrier-neutral colocation data centre in Tanzania.

We have created three scenarios shown below that show estimates of the addressable market size – we have run best, medium, and worst-case scenarios in relation to the addressable market, using different assumptions around the adoption cycles and curves of different customer groups.



Illustrated in the chart below is the proportion of the (base case) addressable market that is captured based on the estimated ramp-up rate used in the sales and financial plan below. Raxio’s market share will rise initially but will taper off over time as the market growth outpaces the share that we are able to capture.



Tanzania market growth expectations

Market growth rates have also been applied to addressable racks numbers over the next 6 years, based on anticipated growth rates across Raxio's target sectors.

The primary drivers for this are:

- Increased mobile and internet penetration.
- Increased local demand for content, cloud providers and IT solutions.
- Backbone and international gateway upgrades (leading to improved connectivity) such as additional subsea cable landings that will further strengthen Tanzania's position as one of the region's connectivity hubs.
- Neighbouring countries driving the growth of cross border IP traffic – Tanzania is strategically located with six landlocked countries bordering it.
- CDNs are interested in having points of presence/edge networks located in Tanzania to meet the significant needs of customers.

2.2.3. Target Customers

Raxio's primary target customers for colocation services, reflecting data centre users across the region and the world, include:

- Financial services companies
- Content Delivery Networks (CDNs)
- Cloud service providers
- IT companies
- Carriers and Internet Service Providers (ISPs)
- Media companies
- Large enterprises
- Public sector

As the first in the market, Raxio Tanzania will be in a strong and prime position to capture both existing and rapid future demand for IT storage and colocation.

2.3. Marketing, Sales and Competition

2.3.1. Marketing and Sales Strategy

Raxio's sales strategy will market colocation services to its target customer segments that have a need for data centre facilities. Raxio will sell its services primarily through direct sales and through possible reseller agreements with key commercial partners.

With a pan-African presence, Raxio will also leverage its customer relationships in other countries in the region and gives it a unique ability to be a one-stop-shop for international and regional customers looking for colocation services across multiple location. Raxio's established relationships with international players, like the CDNs, will play favourably.

Raxio will continue its international marketing efforts and quickly begin ramping up its local marketing activities in Tanzania, using its successful templates and approaches in other countries and tailoring them for the local Tanzania market. In addition to having a leading presence at global conferences/tradeshows,

local business forums, and industry seminars, Raxio applies an effective and sustained multi-channel PR strategy to raise brand awareness and familiarize its markets with data centre offerings. One key marketing strategy is centred around developing industry-specific offerings for its target customers.

2.3.2. Competition and Competitive Advantages

There is only one existing third-party carrier-neutral colocation data centres present in Tanzania, though not Tier III certified. The provider offers a small-scale, containerized solution, which has limited space availability. Currently, TTCL, Tigo, Vodacom, and NMB Bank offer some colocation services – all for whom data centre services are a non-core business activity.

Other competition today is effectively generic, where small private connectivity providers are building operationally and financially inefficient in-house data centres or setting up small server rooms on their premises to offer colocation services.

Raxio believes that expediting its construction and implementation process and leverage its experiences, will allow it to be the first to market with a best-in-class offering, and capture a large share of the estimated addressable market.

Raxio's other competitive advantages include:

- State-of-the-art facility that offers redundant connectivity and power resiliency and is compliant with international standards.
- Carrier-neutrality and cloud-neutrality, which will attract multiple carriers and other third-party service providers to create an environment of improved connectivity and efficient provision of digital services.
- Group experience in establishing businesses across other frontier African markets such as Uganda, Ethiopia, Mozambique, Ivory Coast, and the DRC.
- Fully funded plan that is ready for execution.
- Potential to build additional in-country data centres that will provide redundancy and create a stronger value proposition.
- Part of a regional group of inter-connected data centres, with the opportunity to offer cross border redundancy, streamline operations and share resources.

2.4. Key Strategies

Key strategies and features of a Raxio data centre include:

- **Carrier neutrality:** Carrier-neutral data centres are not tied to any telecommunications/ISP, rather they attract as many carriers as possible to their site. Multiple carriers are viewed as critical for redundancy and create competitive pressure for higher service levels and better pricing. Many customers will not utilize data centres that are not carrier neutral.
- **Cloud neutrality:** cloud-neutral data centres do not provide cloud services themselves, rather they create an environment where multiple cloud service providers can operate from in a stable, secure, and redundant facility, and provide competitive services to their customers that maybe inside or outside the data centre.

- Build a future-proof, best-in-class, “metro-edge” grade facility using pre-engineered modular construction that adheres to Tier III principles. Using modular construction ensures an accelerated time-to-market and the ability to adjust and scale as market demand dictates.
- Employ standard operating procedures (SOPs) to ensure uptime SLAs are met. The data centre will be designed and built to a Tier III standard, ensuring concurrent maintainability and redundant systems to guarantee uptime and business continuity to customers.
- Focus on delivering superior customer service, with a responsive, 24/7 customer support function.
- Attract and retain excellent local employees while also investing in training.
- Attract global CDNs to establish a point of presence in-country and improve their service deliver to the country.

3. Facility and Operations

3.1. CAPEX & Funding

In line with our regional rollout strategy, Raxio will build the facility in Tanzania using a hybrid approach of pre-engineered components for the technical space in combination with brick-and-mortar construction of the office block and ancillary areas.

Raxio expects to deploy its facility in three phases, to align with market development and demand uptake. The capex for Raxio’s facility in Tanzania to cover phases 1, 2 and 3 is expected to be approximately USD 27.3M.

In a base case scenario, Raxio plans to start with an installed IT capacity of 0.5 MW of white space to accommodate 125 racks in phase 1, at a capex of USD 17.8M. Phase 2 will scale up to double the white space, and thereby accommodate 250 racks and deliver installed IT power of 1 MW at an additional cost of USD 3.5M. In Phase 3, Raxio will add another 125 racks, bringing the capacity to 375 racks and delivering installed IT power of 1.5 MW which will cost an additional USD 3.7M.

Phase	Duration of development	Estimated start of development	Estimated end of development	CAPEX Investment (USD millions)
Phase 1	12 months	January-2024	January-2025	17.8
Phase 2	9 months	March-2025	November-2025	3.5
Phase 3	9 months	June-2026	February-2027	3.7

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The Sources and Uses of funding for Raxio Tanzania are illustrated in the tables below:

Sources of funds (USD)	Total (All 3 Phases)
Equity	14,000,000
Shareholder Loan	13,300,000
Total	27,300,000

Use of funds (USD)	Total (All 3 Phases)
Capex	24,955,753
Working Capital	2,344,247
Total	27,300,000

The breakdown of the investment funds expenditure is illustrated in the table below:

	Phase 1	Phase 2	Phase 3	Total
Total number of racks	125	125	125	375
Installed IT power (kW)	500	500	500	1,500
Construction Costs	2,700,000	-	-	2,700,000
Civils + Office	2,678,400			2,678,400
Borehole Drilling	21,600			21,600
Mechanical, Electrical and Plumbing (MEP)	11,597,192	2,964,276	3,181,993	17,743,461
MEP Contractor	11,597,192	2,964,276	3,181,993	17,743,461
Contingency				-
Professional Fees	392,000	50,000	50,000	492,000
Data centre design consultant	50,000	50,000	50,000	150,000
Local architect - design	200,000	-		200,000
Local architect - construction supervision	52,000	-		52,000
Design approvals	90,000	-		90,000
Land Costs	1,727,252		-	1,727,252
Licensing, Permitting, EIA & Others	82,500	-	-	82,500
Data centre licensing	30,000			30,000
Surveys & Permitting	52,500			52,500
Misc. Costs	1,013,700	499,320	446,820	1,959,840
Racks, containment, data comms	592,500	412,500	412,500	1,417,500
Tap off boxes	31,200	34,320	34,320	99,840
Uptime Design Certification	85,000			85,000
ESG Implementation	55,000			55,000
Spares	250,000	52,500		302,500
IT Equipment (moveable IT equipment)	70,500			70,500
Capitalized advisors costs	130,200			130,200
Furniture & Fittings	50,000			50,000
Total	17,763,344	3,513,596	3,678,813	24,955,753

3.2. Key Site Requirements

Power

Power is a key input for data centres – to operate data centres smoothly, efficiently and without any downtime, a reliable supply of power is needed. To prevent single points of failure, all elements of the electrical systems including backup systems, are fully duplicated.

In Phase 1, to deliver the planned IT power load of 0.5MW, a total of approximately 1.1MW in total power load will be needed. After the expansion in Phase 2, the facility will be able to deliver total IT load power of 1MW with a total facility power load requirement of 2.3MW. In the final expansion, Phase 3, total IT load power delivered will be 1.5MW with facility load of 3.4MW. It is therefore essential that the site selected connects to the national power grid, using high voltage, along a redundant infrastructure ring, with sufficient power allocated to meet the needs of the entire facility.

Connectivity

For the most reliable connectivity and continuous uptime, access to multiple tier one network providers is essential. It will be imperative to situate the data centre along the national fibre backbone with access to redundant terrestrial fibre cables.

Raxio will seek to attract all connectivity providers (MNOs, ISPs, and carriers) to the data centre and thereby offer redundancy in connectivity.

Water

Water is an important input for the cooling equipment used to keep the inside of the data centre at an optimal temperature – IT equipment requires a cool environment to produce peak performance. Raxio will use Indirect Adiabatic Cooling technology that requires access to redundant sources to keep the data centre cool. Ideal water sources can include piped water supply and borehole water supply.

Land and Site Selection

The ideal plot size required to build the planned 1.5MW data centre facility is at least 4 acres (~16,000 sqm). This area will sufficiently accommodate the data hall, data centre offices, equipment, customer parking, and access driveways. Planning of amenities and access for phase 2 and 3 will be put in place in phase 1 to allow frictionless scaling of the data centre capacity.

Other features of the land suitable for data centre construction should be:

- Essentially a flat plot to minimize cost of levelling, back filling, etc.
- Not on direct flight paths of landing or departing aircraft.
- Not in a flood plain area or near water courses that have the possibility to overflow or flood.
- Not nearby or adjacent to heavy or hazardous industries that may cause vibration, dust, pollution, etc.
- Good road infrastructure access to site.
- At least ~15km from the Central Business District (CBD) to be able to serve as a disaster recovery site.

Raxio has identified a 17,000 square metres of land in Mbezi Juu, Dar es Salaam, located ~15km from the central business district.

The location satisfies key site selection criteria, including the following:

- Located off a highway between Dar es salaam and Bagamoyo.
- Excellent connectivity with all major carriers located along the roadside (Tigo, TTCL, Vodacom, Airtel, NICTBB), as well as 5-10 km from Seacom, EASSy and TEAMs cable landing.
- Power distributed from a sub-station located within 1km of the plot.
- Ample space/potential for expansion of the data centre and potential to develop a solar farm for power redundancy.
- Borehole water and national water available on property.

4. Project Execution Plan

The following are our major completed and planned milestones.

Completed

- In-country market assessment: June 2018 – March 2022.
- In-country market sizing interviews and analysis: June 2018 – March 2022.
- Incorporation of local entity: April 2022 – June 2022
- Preliminary site evaluation: November 2021 – June 2022.
- Land acquisition: June 2022 to December 2023
- Detailed technical design up to Stage 4a BSRIA: September 2023.
- Review and assessment of regulatory environment: June 2018 – May 2022.
- TCRA license application and approval: December 2022 – October 2023
- Updated Financial model and 2024 budget: January 2023 – October 2023.

Planned

- Select local architect and localize design: M1 + 1 (M2).
- Launch formal procurement for construction and equipment suppliers: M2 + 1 (M3).
- Commence construction: M3 + 1.

The Raxio Tanzania construction program is summarized in the table below. Given the nature of off-site pre-engineered construction, Raxio expects to be able to fast-track the time to completion by running several processes in parallel e.g., site preparation can begin while components are being pre-engineered off-site in parallel.

The detailed schedule is attached as an appendix.

RAXIO DATA CENTRES TZ1																			
Activity ID	Activity Name	Remaining Duration	Start	Finish	SL Project Start	SL Project Finish	Actual % Complete	2023				2024				2025			
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
RAXIO DATA CENTRES TANZANIA							4.21%												
MILESTONES		431.0	15-Jan-23 A	17-Jan-25	08-Dec-22	31-Dec-24	0%												
SUMMARY OF MAJOR TASKS - MEP DESIGN, PROCUREMENT & CONSTRUCTION		438.8	08-Dec-22 A	29-Dec-24	08-Dec-22	31-Dec-24	0%												
SUMMARY OF MAJOR TASKS - CIVIL WORKS, DESIGN, TENDER & CONSTRUCTION		446.0	31-Oct-23	17-Jan-25	08-Dec-22	29-Sep-24	0%												
SELECTION OF LOCAL CONSULTANT & MODULAR CONTRACTOR		22.0	08-Dec-22 A	29-Nov-23	08-Dec-22	01-Nov-23	77.5%												
PROJECT INCEPTION (RAXIO)		45.0	08-Dec-22 A	01-Jan-24	08-Dec-22	01-Nov-23	27.2%												
LOCAL DESIGN & CONSTRUCTION		445.0	05-Jun-23 A	17-Jan-25	06-Jun-23	29-Sep-24	5.16%												
PRE-CONTRACT PHASE		171.0	06-Jun-23 A	16-Apr-24	03-Jun-23	27-Dec-23	15.11%												
PREPARATION WORKS		37.5	12-Dec-23	06-Feb-24	14-Nov-23	09-Jan-24	0%												
CONSTRUCTION AND COMMISSIONING		79.0	14-Apr-24	17-Jan-25	20-Dec-23	26-Sep-24	0%												
MEP WORKS		306.0	30-Nov-23	29-Dec-24	02-Dec-23	31-Dec-24	0%												

	Page 1 of 1	Date:	Revision:	Checked:	Approved:
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5. Environment, Health and Safety (EHS)

During the construction phase of the data centre, all contractors will carry out works in compliance with all applicable local environmental laws and applicable IFC standards. The main contractor will prepare and submit an EHS audit report as part of the regular monthly reporting process. We will obtain the necessary permitting required from the environmental authority and local council to build and operate the data centre.

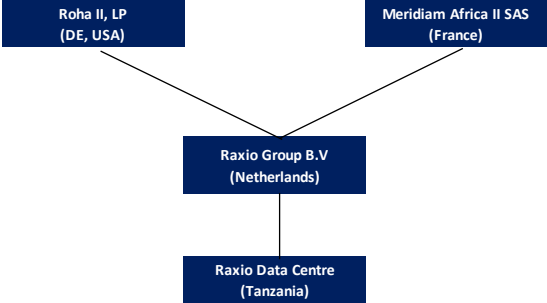
During the operations phase of the data centre, in line with Raxio Group’s Health and Safety Policy, particular attention will be paid to:

- a) The provision and maintenance of property, equipment and systems of the data centres that are safe and without risk to any person.
- b) Safe arrangements for the handling, storage and transportation of inventory on site.
- c) Sufficient information, instruction, training and supervision to enable all employees to avoid hazards and contribute positively to their Health and Safety at work.
- d) Adequate communication of information, instruction and supervision will also be provided to avoid injury to any other persons likely to be affected.
- e) Safe access to and from places of work.
- f) The provision and maintenance of a working environment that is, so far as is reasonably practicable, adequate with regard to facilities and arrangements for employee’s welfare at work.

6. Ownership Structure, HR Requirement

6.1. Raxio Ownership Structure

The following figure illustrates the ownership structure of Raxio Tanzania:



6.2. Local Job Creation

Raxio regularly works with local entities with the ability to assist and contribute at various stages to the success of the project. Raxio is already working with various local companies and expects that the architect and the civil works contractors will both be local Tanzania companies. Following the completion of the construction, we expect the majority of outsourced services such as maintenance, security, landscaping, janitorial and PR services to be conducted by local companies.

We also expect the majority, if not all, of Raxio’s staff to be local Tanzanians.

Raxio Tanzania - Data Centre Business Plan
BUSINESS Plan

	2023	2024	2025	2026	2027	2028	2029
General Manager	-	1.00	1.00	1.00	1.00	1.00	1.00
Project Manager	1.00	1.00	1.00	1.00	1.00	1.00	1.00
VP Tech and Ops	-	1.00	1.00	1.00	1.00	1.00	1.00
Facilities Manager	-	1.00	1.00	1.00	1.00	1.00	1.00
Service Manager	-	1.00	1.00	1.00	1.00	1.00	1.00
Data Hall Supervisor	-	1.00	1.00	1.00	1.00	1.00	1.00
Facilities Engineer	-	1.00	1.00	1.00	1.00	1.00	1.00
Facilities Technician	-	-	1.00	1.00	1.00	1.00	1.00
Operational Engineer 1	-	-	1.00	1.00	1.00	1.00	1.00
Operational Engineer 2 (only phase 2 & 3)	-	-	1.00	1.00	1.00	1.00	1.00
NOC Engineer 1	-	1.00	1.00	1.00	1.00	1.00	1.00
NOC Engineer 2	-	1.00	1.00	1.00	1.00	1.00	1.00
NOC Engineer 3	-	1.00	1.00	1.00	1.00	1.00	1.00
VP Sales & Marketing	-	1.00	1.00	1.00	1.00	1.00	1.00
Sales Manager	-	1.00	1.00	1.00	1.00	1.00	1.00
Sales Executive 1	-	-	1.00	1.00	1.00	1.00	1.00
Sales Executive 2 (only phase 2 & 3)	-	-	-	-	1.00	1.00	1.00
Marketing Executive	-	1.00	1.00	1.00	1.00	1.00	1.00
HR Manager	-	1.00	1.00	1.00	1.00	1.00	1.00
HSSE Supervisor/Clerk of Works/ESG	-	1.00	1.00	1.00	1.00	1.00	1.00
Compliance Officer	-	1.00	1.00	1.00	1.00	1.00	1.00
Accountant 1	-	1.00	1.00	1.00	1.00	1.00	1.00
Accountant 2 (only Phase 2 & 3)	-	-	1.00	1.00	1.00	1.00	1.00
Office Administrator	-	-	-	-	-	-	-
Total Staff Count	1	17	22	22	23	23	23

Raxio estimated head count.

Directly, Raxio will create employment for about 17 – 23 trained Tanzanians who will be capable of running a 375-rack facility. Raxio will identify, hire, train and retain IT professionals, technical engineers, operations employees, and sales, marketing, finance, and senior management personnel. Raxio will also place an emphasis on training and knowledge transfer – all team members will receive world-class training which will place the employees on par with industry peers worldwide.

Additionally, to localize our facility, Raxio will employ local construction workers, civil engineers, and architects to prepare and manage the civil works ahead of installing the data centre modules and equipment.

Indirectly, Raxio will create many jobs. Data centres are critical infrastructure that enable growth of many companies, allowing them to invest their valuable cash in other productive ventures. We envisage a knock-on effect in industries such as:

- Cloud services will see customers adopting a cloud-based approach for their data strategy which should in-turn enable faster scaling and better service delivery.
- Technology companies: creating a state-of-the-art environment where entrepreneurs can establish technology companies that will offer the Tanzania population a wide range of consumer and business mobile and online services will allow the SME technology sector to thrive and attract and employ many technology professionals.
- CDNs: a state-of-the-art data centre will attract the establishment of some of the large CDNs in Tanzania, who may in turn become a large source of employment for local staff.
- Media industry will see increased content creation and distribution which will spur the creation of multiple job opportunities in the sector.

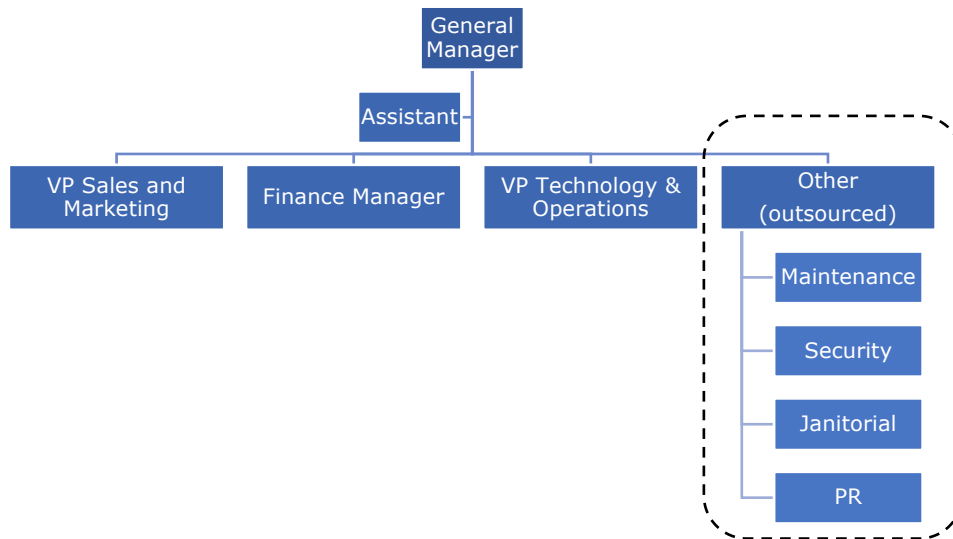
- Financial services will be able to redirect capital spending to focus on hiring to grow their core business instead of spending it on costly data centre equipment.

Certain areas of the business will be outsourced to both local and foreign industry leaders e.g., maintenance of equipment via original equipment manufacturers (OEMs), public relations/marketing, which will also have a beneficial impact on employment within these third-party service providers.

During the construction phase of the data centre, Raxio will create approximately 200 indirect jobs:

Role	Indirect Jobs Created
Project Manager and Surveyors	10
Electrical Engineer	6
Mechanical Engineer	5
Health and Safety	5
Electricians and welder's crew	45
Support Staff	55
Carpenters, Stone and HCB masons	85

6.3. Organizational Structure (Management/Key Functions)



7. Financial Projections

7.1. Major Assumptions

Sales / ramp-up assumptions

	2025	2026	2027	2028	2029	2030
# of racks installed	125	250	250	375	375	375
# of occupied racks	97	197	250	363	375	375
# of new sales	97	100	53	113	12	-
Rack space utilization (%)	78%	79%	100%	97%	100%	100%

- Raxio expects to begin construction in Q1 2024 and commission the facility in Q1 2025; a 12-month development timeline.
- Raxio’s base case targets 34 racks occupancy by the end of the first operating year (2025).

Services and Pricing

- **Flat monthly rack price:** Raxio has 3 primary offerings for colocation - low (2-3kW), medium (4-6kW) and high density (7-21kW). We have assumed a monthly price for low, medium, and high-density racks, all of which include the use of floor space, power, cooling and security. Our prices are benchmarked against other colocation services in Tanzania whose average monthly pricing for a 3kW rack is approximately USD 2,500. Our low-density racks start at an average of USD 2,100; the medium-density racks start at an average of USD 2,400; and the high-density racks start at an average of USD 5,100. Raxio assumes inflationary monthly colocation price increases of 2% year-on-year. As we refine our product and services range, we believe there is room to optimize our blended price per rack and our power offering in Tanzania.
- **Wholesale pricing:** For customers that require more than 25 racks and 100kW of IT power. Prices are considerably more affordable than if priced under our monthly retail pricing option.
- **Cross-connection charges levied per connection to another client:** USD 100 per cross-connect per month. At a minimum, we expect customers to connect to at least one of the available number of carriers that provide connectivity to the data centre.
- **Value-added services:** Remote hands assistance for minor troubleshooting will be provided at USD 50 per month per rack which will provide two-man hours of service from Raxio’s in-house engineering team. For customers that require an added level of security, Raxio will provide a premium caging service at a monthly fee for a minimum of 5 racks. The caging fee varies for different sizes and is based on the opportunity cost of the rack space that is lost. The cages feature full secured access, physical boundaries including a roof and CCTV.
- **Set-up fees:** Raxio will charge a one-time set-up fee to our customers for colocation and cross connection services. Set-up fees for colocation will cover the cost of the racks, containment, connectivity, labour and power distribution units. Set-up fees for cross connections will cover the cost of patch chords and patch panels. We have assumed a minimal margin on these costs and expect that they will effectively be passed through to the customer.

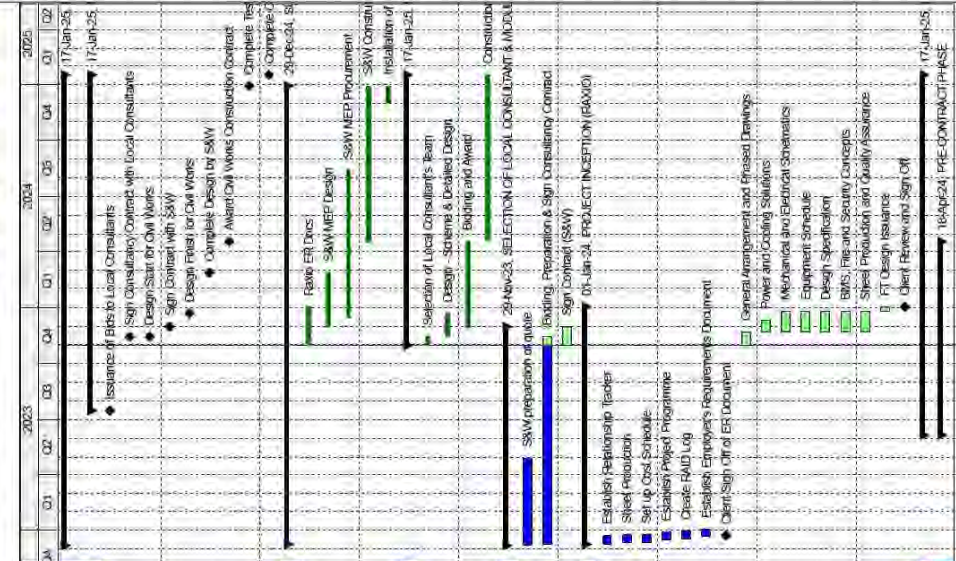
7.2. Projections

Income Statement (USD)

INCOME STATEMENT	2023	2024	2025	2026	2027	2028	2029
Total Revenue	-	-	2,110,580	5,565,502	9,162,925	12,312,553	15,051,783
Total Cost Of Revenue	-	-	(1,044,596)	(1,979,620)	(2,391,880)	(3,104,432)	(3,066,383)
Gross Profit	-	-	1,065,983	3,585,882	6,771,045	9,208,121	11,985,400
Total SG&A	(216,840)	(1,077,276)	(2,205,354)	(2,413,128)	(2,431,005)	(2,514,734)	(2,588,014)
EBITDA	(216,840)	(1,077,276)	(1,139,371)	1,172,754	4,340,041	6,693,387	9,397,386
EBT	(219,050)	(1,432,382)	(3,425,217)	(1,354,142)	1,809,912	4,138,328	6,855,400
Net Earnings	(219,050)	(1,432,382)	(3,425,217)	(1,354,142)	1,809,912	4,138,328	4,943,545

8. Appendix: Implementation Schedule

Activity ID	Activity Name	Responsible Duration	Start	Finish	SI Project Start	SI Project Finish	Actual % Complete
RAXIO DATA CENTRES TANZANIA							
MILESTONES							
TZ1-0100	Issuance of Bids to Local Consultants	445.0	05-Dec-22 A	17-Jan-25	08-Dec-22	31-Dec-24	4.21%
TZ1-0110	Sign Consultancy Contract with Local Consultants	0.0	15-Jul-22 A	15-Jul-22	15-Jul-22	31-Dec-24	0%
TZ1-0120	Design Start for Civil Works	0.0	14-Nov-23	13-Nov-23	02-Oct-23	29-Sep-23	0%
TZ1-0130	Sign Contract with S&W	0.0	0.0	29-Nov-23	09-Nov-23	01-Dec-23	0%
TZ1-0140	Design Finish for Civil Works	0.0	0.0	22-Dec-23	27-Feb-24	29-Feb-24	0%
TZ1-0150	Complete Design by S&W	0.0	0.0	16-Apr-24	27-Dec-23	31-Dec-24	0%
TZ1-0160	Award Civil Works Construction Contract	0.0	0.0	23-Dec-24	25-Sep-24	25-Sep-24	0%
TZ1-0170	Complete Testing & Commissioning of CDC	0.0	0.0	17-Jan-25	25-Sep-24	25-Sep-24	0%
TZ1-0200	Complete Civil Construction Contract	0.0	0.0	17-Jan-25	25-Sep-24	25-Sep-24	0%
SUMMARY OF MAJOR TASKS - MEP DESIGN, PROCUREMENT & CONSTRUCTION							
TZ1-1070	Raxio ER Docs	415.0	05-Dec-22 A	25-Dec-24	08-Dec-22	31-Dec-24	0%
TZ1-1010	SAW MEP Design	63.0	08-Dec-22 A	01-Jan-24	08-Dec-22	03-Jan-23	0%
TZ1-2270	SAW MEP Procurement	50.0	30-Nov-23	27-Feb-24	02-Dec-23	29-Feb-24	0%
TZ1-3280	SAW Construction & Equipment Installation	244.0	14-Dec-23	15-Aug-24	16-Dec-23	15-Aug-24	0%
TZ1-1130	Installation of Sewer Fails & Other Equipment Supplied by Raxio	259.0	15-Apr-24	25-Dec-24	17-Apr-24	31-Dec-24	0%
TZ1-1180	Selection of Local Consultant's Team	30.0	30-Nov-23	29-Dec-24	02-Dec-24	31-Dec-24	0%
TZ1-1090	Design - Scheme & Detailed Design	445.0	05-Dec-22 A	17-Jan-25	31-Aug-23	25-Sep-24	0%
TZ1-1100	Bidding, Preparation & Award	14.0	14-Nov-23	09-Nov-23	31-Aug-23	25-Sep-24	0%
TZ1-1120	Construction	142.0	23-Nov-23	18-Apr-24	17-Oct-23	27-Dec-23	0%
TZ1-1130	Construction	274.0	19-Apr-24	17-Jan-25	28-Dec-23	25-Sep-24	0%
SELECTION OF LOCAL CONSULTANT & MODULAR CONTRACTOR							
TZ1-2280	SAW Preparation of quote	22.0	05-Dec-22 A	24-Nov-23	08-Dec-22	01-Dec-23	77.5%
TZ1-4100	Bidding, Preparation & Sign Consultancy Contract	0.0	05-Dec-22 A	26-Apr-23 A	03-Jan-23	30-Jan-23	100%
TZ1-4110	Bidding, Preparation & Sign Consultancy Contract	10.0	09-Dec-22 A	15-Nov-23	08-Dec-22	03-Jan-23	80%
TZ1-4200	Sign Contract (S&W)	22.0	31-Oct-23*	29-Nov-23	31-Aug-23	01-Dec-23	0%
PROJECT (MEP) (RAXIO)							
TZ1-1140	Establish Relationship Tracker	45.0	05-Dec-22 A	01-Jan-24	08-Dec-22	01-Nov-23	27.27%
TZ1-1150	Sheet Production	0.0	08-Dec-22 A	21-Dec-22 A	08-Dec-22	21-Dec-22	100%
TZ1-1160	Set up Cost Schedule	0.0	12-Dec-22 A	23-Dec-22 A	12-Dec-22	23-Dec-22	100%
TZ1-1170	Establish Project Programme	0.0	14-Dec-22 A	27-Dec-22 A	14-Dec-22	27-Dec-22	100%
TZ1-1180	Create RAID Log	0.0	16-Dec-22 A	29-Dec-22 A	16-Dec-22	29-Dec-22	100%
TZ1-1190	Establish Employer's Requirements Document	0.0	20-Dec-22 A	02-Jan-23 A	20-Dec-22	02-Jan-23	100%
TZ1-1200	Client Sign Off of ER Document	0.0	21-Dec-22 A	21-Dec-22 A	21-Dec-22	21-Dec-22	0%
TZ1-1210	General Arrangement and Pinned Drawings	15.0	31-Oct-23	20-Nov-23	31-Aug-23	20-Sep-23	0%
TZ1-1220	Power and Cooling Solutions	15.0	21-Nov-23	11-Dec-23	21-Sep-23	11-Oct-23	0%
TZ1-1230	Mechanical and Electrical Schematics	25.0	21-Nov-23	25-Dec-23	21-Sep-23	25-Oct-23	0%
TZ1-1240	Equipment Schedule	25.0	21-Nov-23	25-Dec-23	21-Sep-23	25-Oct-23	0%
TZ1-1250	Design Specification	25.0	21-Nov-23	25-Dec-23	21-Sep-23	25-Oct-23	0%
TZ1-1260	BMS, Fire and Security Concepts	35.0	21-Nov-23	25-Dec-23	21-Sep-23	25-Oct-23	0%
TZ1-1270	Sheet Production and Quality Assurance	25.0	21-Nov-23	25-Dec-23	21-Sep-23	25-Oct-23	0%
TZ1-1280	FT Design Issuance	5.0	26-Dec-23	01-Jan-24	26-Oct-23	01-Nov-23	0%
TZ1-1290	Client Review and Sign Off	0.0	0.0	01-Jan-24	01-Nov-23	01-Nov-23	0%
LOCAL DESIGN & CONSTRUCTION							
PRE-CONTRACT PHASE							
TZ1-1300	Establish Relationship Tracker	445.0	05-Jan-23 A	17-Jan-25	05-Jan-23	26-Sep-24	5.16%
TZ1-1310	Sheet Production	0.0	05-Jan-23 A	16-Aug-24	05-Jan-23	27-Sep-24	15.1%



Date	Revision	Checked	Approved

■ Remaining Level of Effort
■ Critical Remaining Work
■ Actual Work
■ Milestone
→ Summary

9. Company Profile



A presentation slide titled 'Raxio Data Centres Connecting Africa and beyond'. The slide features the Raxio logo at the top left. The main text reads: 'Raxio is a leading pan-African provider renowned for its network of carrier-neutral Tier III certified data centres, exclusively dedicated to colocation services.' To the right of the main text, there are three key points, each with an icon and a brief description:

- Established in 2018**: Raxio was established in 2018 by US investment firm, the Roha Group, which focuses on developing business in Africa, in areas of inadequately addressed demand.
- Investors: Roha and Meridiam**: Investments from Roha and Meridiam have played a pivotal role in facilitating Raxio's expansion of its data centre portfolio throughout the continent.
- Strategic expansion plan**: Raxio's expansion strategy prioritizes unserved or underserved markets across Africa, specifically those lacking sufficient colocation facilities to meet the needs of the ecosystem.

At the bottom left of the slide, there is a small number '2'. At the bottom center, there is a 'CONFIDENTIAL' watermark with the text 'Any use of or distribution of this material without specific permission is prohibited'.










About Raxio

Widest Geographic Footprint in Africa

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 Geographic Footprint of Any Operator in Africa, with facilities in 7 countries:

-  Uganda
-  Ethiopia
-  Mozambique
-  Ivory Coast
-  DRC
-  Angola
-  Tanzania

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About Raxio

Best Funded Data Centre Platform on the Continent

\$270M+ of funding secured from a diverse group of Top Tier Equity Investors and Lenders demonstrating the confidence and trust financial partners have placed in the company's vision, growth, and ability to deliver results.

 **Equity Investors: Roha and Meridiam**

Committed \$100M+ in equity

 **Lenders: Proparco and EAIF**

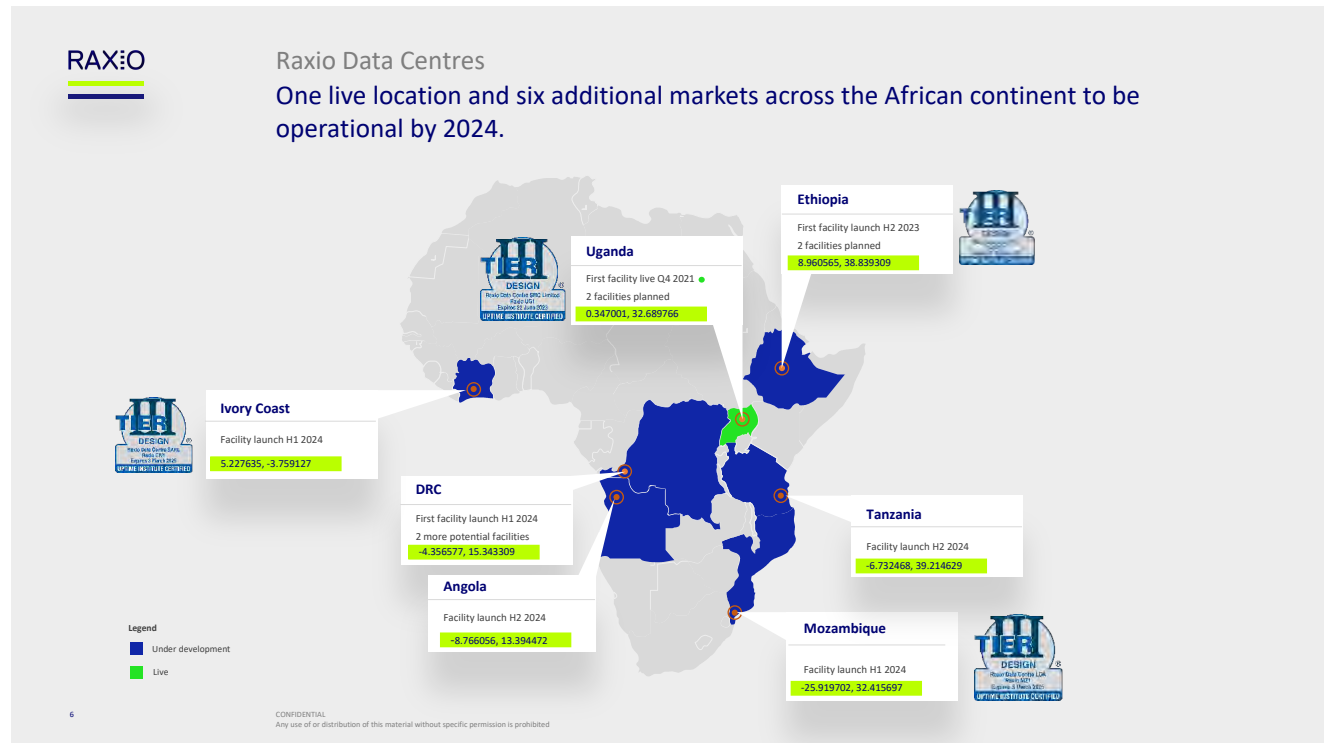
Committed \$110M in Sustainability-Linked Loan Facility

 **Additional Lenders:**

\$60M to be added to existing facility in 2023

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RAX:O

Raxio Data Centres
Specifications for today and the future

Phase	Est. racks accommodated	IT capacity	Resilience (Elect; Mech)
1	200	500kW	2N; N+1
2	300	1,000kW	2N; N+1
3	400	1,500kW	2N; N+1

**Design includes option of doubling the IT capacity of the site to 3+MW*

Operational sustainability and resilience

- Uptime Institute Tier III standard – concurrently maintainable with no single points of failure
- Any item of plant or services can be removed whilst maintaining 100% live services to the critical IT load
- Up to 48 hours on-site generator fuel storage (at full load); 7 min UPS autonomy
- ASHRAE Class A1-A4 operating conditions (24.0 degC +/- 1.0 degC)

Rack power and deployment

- AC and DC power supply capabilities with dual source utility power transmission
- Average cabinet IT loads range from 3kW to 6kW
- High density racks in excess of 21kW can be accommodated
- Up to 58U Racks with lockable front and rear door
- Racks can be deployed in private caged areas
- Concrete floor with power (bus bar) and data (fibre and copper) overhead
- Hot aisle containment

Fire detection and suppression systems

- Gas Suppression (Mechanical) with Control Panel
- Remote Interface and Status Unit
- VESDA Smoke Detection
- Air quality sampling and system offset function
- Audible/Visual Alarm
- Nozzles & Pressure Relief Vent (PRV)
- Certified Room Integrity

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RAXiO Raxio Data Centres
Specifications for today and the future

Phase	Est. racks accommodated	IT capacity	Resilience (Elect; Mech)
1	200	500kW	2N; N+1
2	300	1,000kW	2N; N+1
3	400	1,500kW	2N; N+1

**Design includes option of doubling the IT capacity of the site to 3MW*

Energy Efficiency and Sustainability

- Power Utilization Effectiveness ratio (PUE) of ~1.3 (excl. offices)
- N+1 cooling using indirect adiabatic / evaporative air to air cooling units with polymer type heat exchangers
- Adiabatic system provides additional cost savings if using on site borehole water
- Designed to maximize operation in free cooling mode – it is expected that free cooling would be achieved during more than 60% of operating time

Security and access control

- Closed circuit television system (CCTV)
- Door Alarm System
- Up to 7–Level Access Control System:
- Outer fencing and gates to site
- Car park area and security window
- Reception
- Common areas, offices, welfare, toilets, etc
- Supporting Infrastructure e.g power and cooling plant areas; NOC; MMR's
- Data Halls
- Rack/cage Level

Connectivity

- There shall be a minimum of two separate fibre entrance points on to the property to provide redundancy for connectivity
- Carriers will also provide dark fibre as a service to clients. This service is ideal for customers that need full control of their pipe for services, capacity and routing
- Raxio expected to host IXPs and nurture an optimal peering environment
- Interconnection redundancy via 2 fully diverse “meet-me rooms”

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RAXiO Raxio Data Centres
Raxio Uganda is our first flagship facility, offering a state-of-the-art environment for the country's IT infrastructure [Live]

Raxio Uganda highlights

<p>Location</p> <p>Namanve Industrial Park Outskirts of Kampala Size: 8,000 sqm Access to major fibre routes Primary & disaster recovery</p>	<p>Core</p> <p>Tier III Standard Up to 400 Racks 4 – 21 kW per rack Hosts Uganda's IXP (UdXP) 1.5+ MW IT Capacity</p>	<p>Industries</p> <p>Enterprise Financial Services Telecoms Media</p>	<p>Services</p> <p>Colocation Cross connection Lit & dark fibre Remote hands 24/7 Security</p> <p>Commissioned: Oct 2021</p>	<p>Lift & shift Caging Customer spaces Expanded services</p>
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Raxio Uganda is the country's first Tier III carrier neutral data centre offering high SLAs through a redundant design.

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Raxio Data Centres

Raxio Ethiopia is our second facility and uses pre-engineered components to expedite our time to market – Construction in progress



Raxio Ethiopia highlights



<p>Location</p> <ul style="list-style-type: none"> ICT Park Outskirts of Addis Ababa Site Size : 10,000 sqm Access to current fibre providers Primary & disaster recovery 	<p>Core</p> <ul style="list-style-type: none"> Tier III Standard 800+ Racks 4 – 21 kW per rack To host Ethiopia's first neutral DP 3MW IT Capacity 	<p>Industries</p> <ul style="list-style-type: none"> Enterprise Financial Services Telecoms Media 	<p>Services</p> <ul style="list-style-type: none"> Colocation Cross connection Active & dark fibre Remote hands 24/7 Security Completion date: end 2023 	<ul style="list-style-type: none"> Lift & shift Caging Customer spaces Expanded services
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Raxio Ethiopia will provide a new level of business continuity and enable EDGE computing for MNOs, cloud service providers, banks, ISPs and enterprises.

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Raxio Data Centres

Raxio DRC will be a 1.5MW, 400 rack, Tier III colocation facility in Kinshasa



Raxio DRC highlights

<p>Location</p> <ul style="list-style-type: none"> Limete Industrial Area Edge of Kinshasa CBD Site size - 6,000 sqm Access to major fibre providers Primary & disaster recovery 	<p>Core</p> <ul style="list-style-type: none"> Tier III Standard Up to 400 Racks 4 – 21 kW per rack To host Kinshasa's IXP (KINIX) – TBC 1.5+ MW IT Capacity 	<p>Industries</p> <ul style="list-style-type: none"> Enterprise Financial Services Telecoms Media 	<p>Services</p> <ul style="list-style-type: none"> Colocation Cross connection Active & dark fibre Remote hands Shift & lift Caging Customer spaces Expanded services Completion date: Q4 2023
--	--	--	--

Raxio DRC will offer industry best equipment and services to the rapidly growing digital community in the DRC.

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Raxio Group Data Centres

Raxio Mozambique will be our fourth facility, located at the Beluluane industrial park



Raxio MOZ Highlights

<p>Location</p> <p>Beluluane Industrial Park 20KM outside of Maputo Site size : 12,000 sqm fibre providers Primary & disaster recovery</p>	<p>Core</p> <p>Tier III Standard 800+ Racks 4 – 21 kW per rack To host Mozambique's IXP (MOZIX) – TBC 3MW IT Capacity</p>	<p>Industries</p> <p>Enterprise Financial Services Telecoms Media</p>	<p>Services</p> <p>Colocation Cross connection Active & dark fibre Remote hands Shift & lift Caging Customer spaces Expanded services</p> <p>Completion date: Q4 2023</p>
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Through our industry best service level agreements, expert technical staff, and stringent security features, Raxio Maputo will help support the growth of country's digital economy.

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Raxio Data Centres

Raxio Ivory Coast will be our fifth facility, a 1.5MW facility that will be the country's first carrier neutral, colocation, Tier III data centre.



Raxio Ivory Coast highlights

<p>Location</p> <p>Village of Innovation and Technology (VITIB), Grand Bassam, 30 kms from the Abidjan CBD Site Size : 14,000 sqm Access to major fibre providers Primary & disaster recovery</p>	<p>Core</p> <p>Tier III Standard Up to 400 Racks 4 – 21 kW per rack To host Ivory Coast's IXP (CIVIX) – TBC 3MW IT Capacity</p>	<p>Industries</p> <p>Financial Services Telecoms Enterprise ISPs</p>	<p>Services</p> <p>Colocation Cross connection Active & dark fibre Remote hands Shift & lift Caging Customer spaces Expanded services</p> <p>Completion date: Q4 2023</p>
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Raxio Ivory Coast will support the country and the wider region by enabling digital transformation and bridging international and local connectivity.

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RAX:O



Raxio Data Centres

Raxio Angola is the country's first carrier-neutral, Tier III colocation data centre facility.



Raxio Angola highlights

Location	Core	Industries	Services
<ul style="list-style-type: none"> Cacuaco, Luanda Site size: 19,600 sqm Access to major fibre providers Primary & disaster recovery 	<ul style="list-style-type: none"> Tier III Standard 4 – 21 kW per rack To host Angola's IXP (ANGONIX) – TBC Up to 7MW IT Capacity 	<ul style="list-style-type: none"> Telecoms Financial Services Enterprise ISPs CDNs 	<ul style="list-style-type: none"> Colocation Cross connection Active & dark fibre Remote hands 24/7 Security Completion date: H2 2024

Raxio Angola will serve as an enabler of International IP transit from Central Africa to East Africa. It is strategically located to provide redundancy to the DRC.

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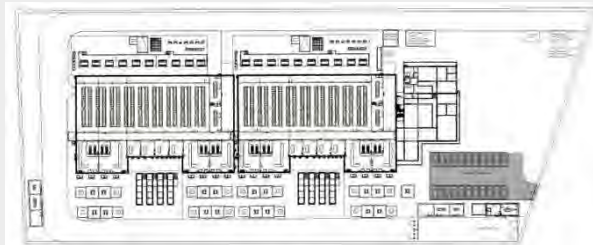
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Raxio Data Centres

Raxio Tanzania is the country's first carrier-neutral, Tier III colocation data centre, Raxio's sixth facility.



Raxio Tanzania highlights

Location	Core	Industries	Services
<ul style="list-style-type: none"> Outskirts of Dar es Salaam CBD – site acquisition ongoing Site size: 16,997 sqm Access to major fibre providers Primary & disaster recovery 	<ul style="list-style-type: none"> Tier III Standard 4 – 21 kW per rack To host Tanzania's IXP (TIX) – TBC Up to 7MW IT Capacity 	<ul style="list-style-type: none"> Telecoms Financial Services Enterprise ISPs CDNs 	<ul style="list-style-type: none"> Colocation Cross connection Active & dark fibre Remote hands Completion date: Q1 2024

Raxio Tanzania will serve as an enabler of International IP transit for the East African country's six landlocked neighbours.

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Raxio Data Centres
Let's talk about how Raxio can support your business

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