

A nighttime cityscape featuring a prominent highway interchange with light trails from moving vehicles. The background shows a dense urban skyline with illuminated buildings and a body of water reflecting the city lights.

Enabling West Africa's Digital Economy


MainOne
Solutions by Equinix

Businesses Choose West Africa's Leading Connectivity And Data Center Solutions Provider

We have raised Africa's profile as a continent of untapped potential obtaining the pioneer licence to deploy a privately-owned submarine cable system in West Africa.

We are a leading facilitator of the Internet ecosystem in the region and are recognized for our investments in broadband infrastructure in Nigeria, Ghana and Cote d'Ivoire.



SUBSEA CABLE & TERRESTRIAL FIBRE MAP

POPS

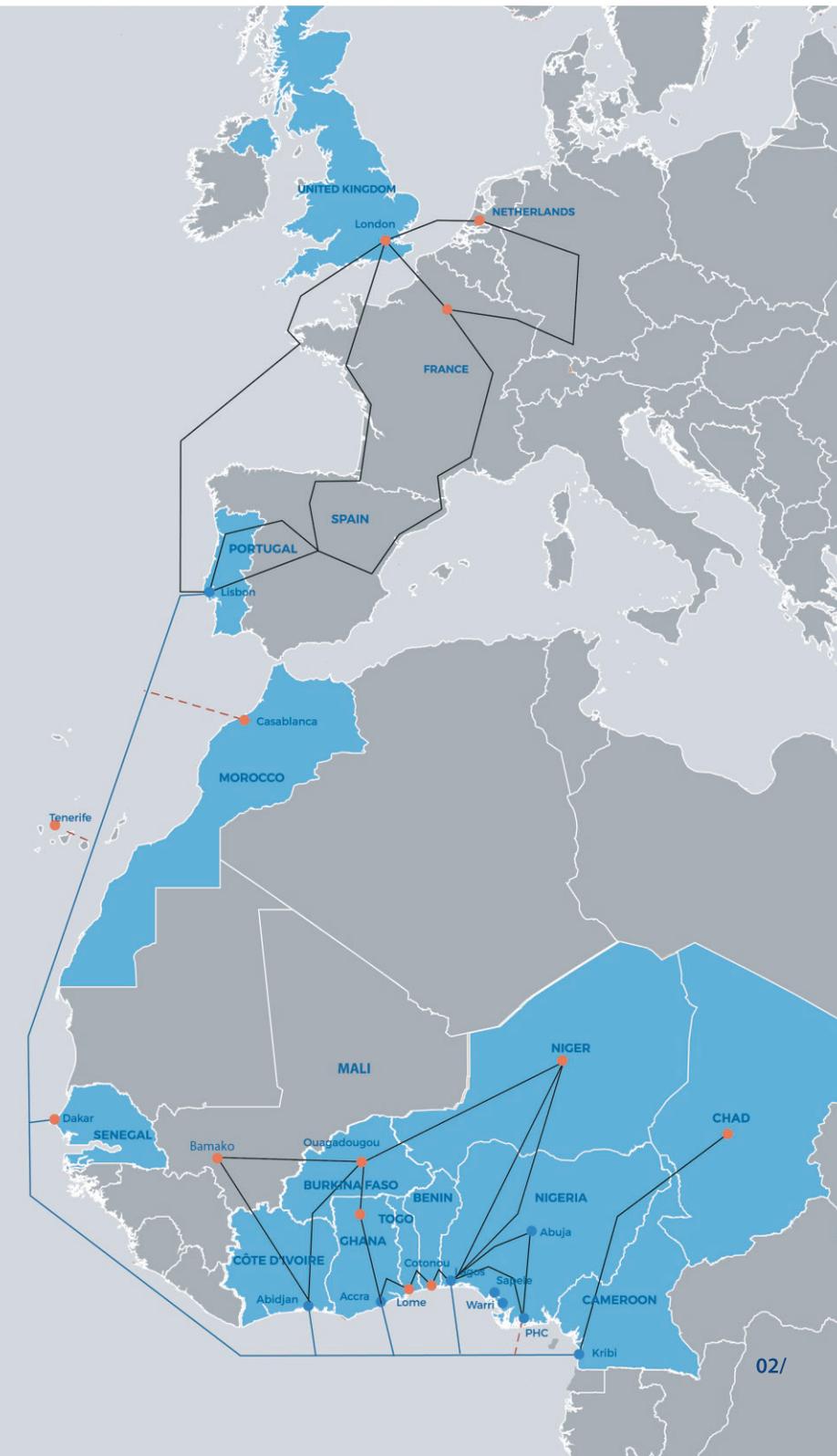
- MainOne POP
- Partner POP

FIBRE

- Operational Subsea
- - - Planned Subsea
- Partner Network

COUNTRIES

- MainOne Network

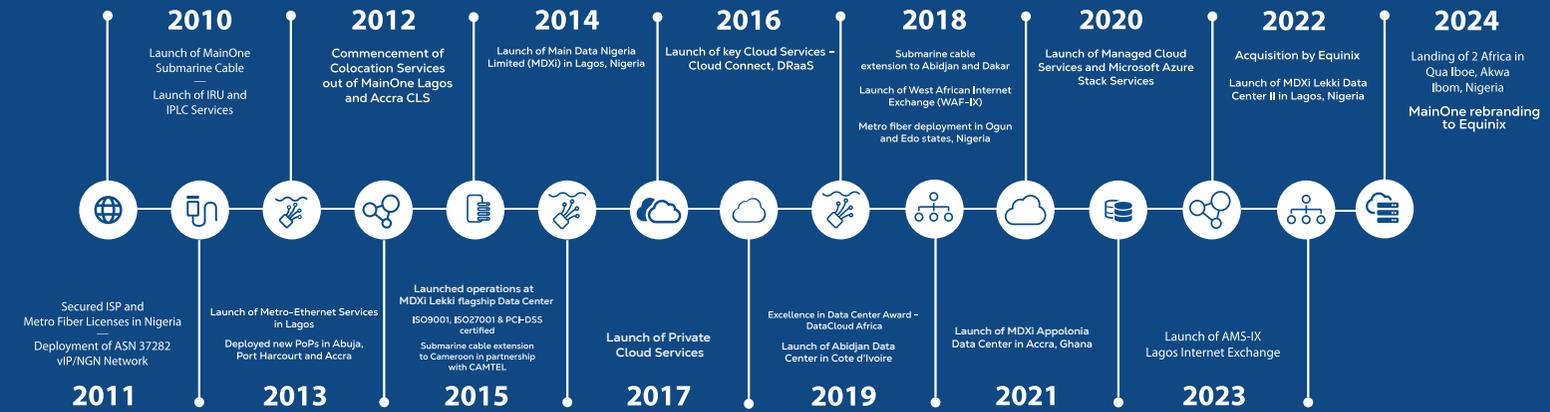


WE ARE AN EQUINIX COMPANY AND WEST AFRICA'S PREFERRED DIGITAL SERVICES PROVIDER.

We connect Telecom operators, Internet Service Providers, Multinationals, Enterprises, Government institutions from West Africa to the world.

We offer world-class broadband connectivity and data center services that not only meet the market's needs, but also enhance efficiency and profitability for our customers.

From submarine cable capacity to putting business in the cloud, we collaborate with our partners at every step. It is a track record defined by building the solutions businesses need to thrive.



Definitions

- IRU – Indefeasible Right of Use
- IPLC – International Private Leased Circuit
- IaaS – Infrastructure as a Service
- DRaaS – Disaster Recovery as a Service



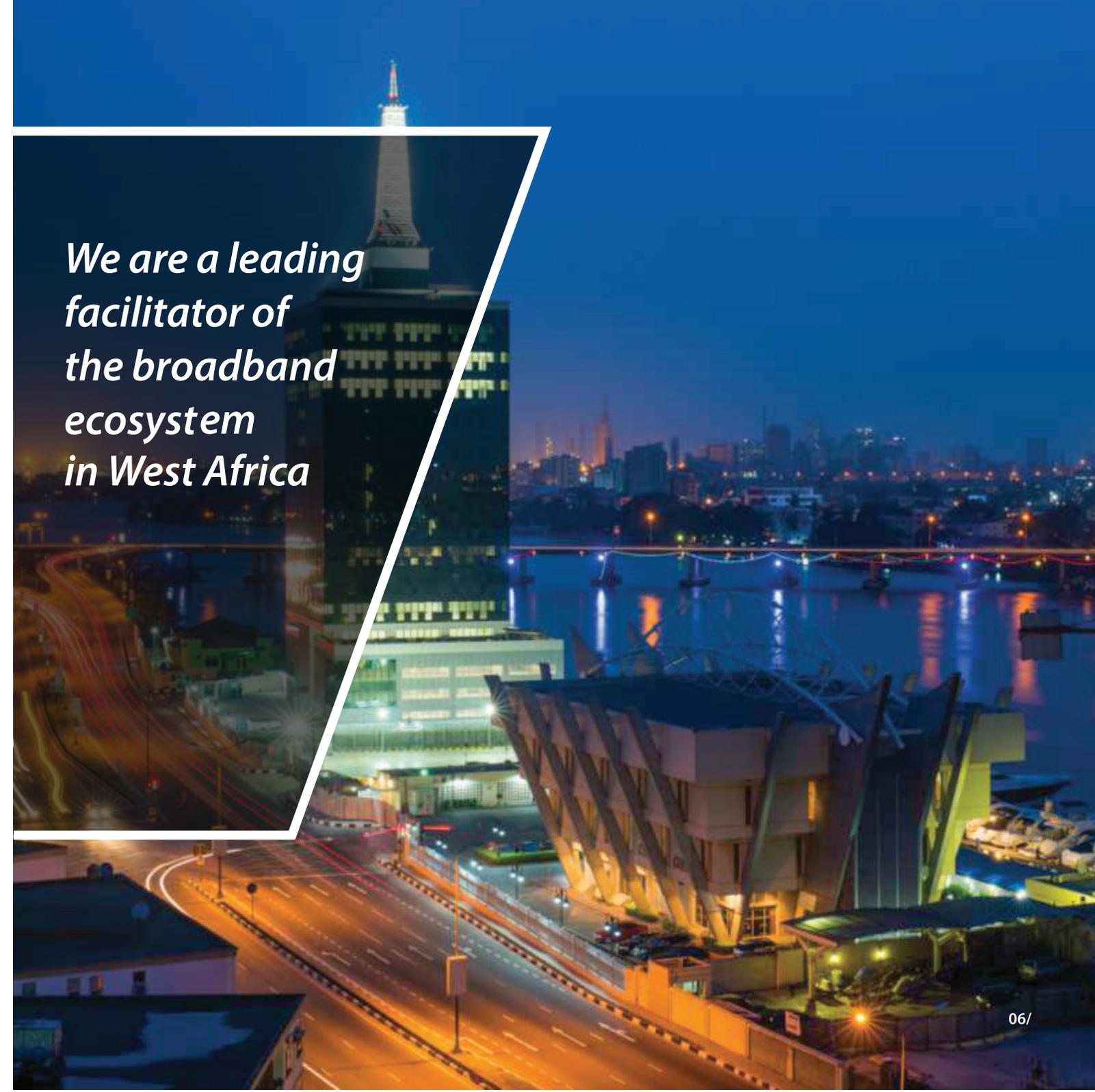
WE CONNECT ALL THAT MATTERS

The simplest equations can yield the biggest results: the higher your network performance, the greater the impact on your profitability.

In a world of global connections, a business simply cannot afford network downtime. MainOne's competitive edge has always been defined by offering tailored solutions with 99.999% uptime that will do the right job today and tomorrow, with future-proof technology that can evolve with the times - not just match current needs.

It is a track record defined by solutions businesses need to thrive. From submarine cable capacity to putting business in the cloud, we collaborate with our partners at every step.

Through the depth of our experience and quality of our management and technical teams, we continue to entrench our position as a thought-leader and industry trailblazer. This empowers our customers with solutions that harness the power and growth potential of the internet.



*We are a leading
facilitator of
the broadband
ecosystem
in West Africa*

CONNECTIVITY SERVICES

LEASE CIRCUITS AND METRO ETHERNET/ LAST MILE SERVICES

The city never sleeps; so your network cannot afford to either. Whichever West African city you are in, you can rely on MainOne's expertise and network reach to give you a bespoke solution to keep you and your customers in touch.



Global Connectivity

and metro reach in West Africa: Delivery via MainOne PoPs and partner-owned networks across the region to ensure local capacity and support.



Reliability

MainOne's architecture provides alternative paths between major cities for immediate restoration in case of fiber cuts.



Flexibility

MainOne's Private Lease Circuits are protocol independent with support for Metro Ethernet and MPLS standards that can carry voice, data and video traffic.



Flexible bandwidth

options to meet your business needs, ranging from 2Mbps to 10Gbps and above.

GLOBAL INTERNET ACCESS AND IP TRANSIT

Whatever your business, MainOne offers full access to the rest of the world in a way that is perfectly attuned to the needs and capacities of your business requirements.



Global reach

By extension, MainOne is able to also interconnect with SEACOM and other international cables from Seixal in Portugal via Tata Communications' European and Transatlantic networks and interconnection in Telehouse, London, and Equinix, Lisbon.



Bandwidth

speeds from 10Gbps and above.



World-class services

backed by industry-leading Service Level Agreements.



IPV4 and IPV6 support

with widest range of network routes out of West Africa.



Incremental bandwidth on demand.



Low latency

achieved through optimal engineering and direct peering with regional and international Internet exchanges.

INTERCONNECTION SERVICES

Businesses need to be able to communicate with each other seamlessly, which is why at our facilities, customers gain access to other networks, content providers and ISPs to keep them up and running.



Connect

with multiple service providers and partners globally via Equinix Fabric



Direct access

to MainOne's Internet Services, International Submarine Cable Network and Terrestrial Fiber Network.



On-network access

On-network access to Platform Equinix, the world's most expansive, secure and sustainable data center platform.

SME-IN-A-BOX

If ever there was a time to take advantage of a tailored infrastructure solution to ensure improved competitiveness, this is it.

MainOne's SME in a Box is a perfect example of this. It is a converged service that drives business growth by providing high speed, secure, reliable and cost effective internet, Voice and Cloud solutions tailored to meet individual business requirements. It is delivered by our carrier-class IP Network and is specifically designed to help small and medium enterprises drive business growth, productivity and profitability without compromising quality or value for money.

Our Reach - Nigeria



6 Internet Exchanges



49+ Service Providers



29+ Banks/Insurance/ Mobile money/payment gateways



40+ Interconnect with CDN/Cloud SPs/FC/ Google



ENABLING DIGITAL TRANSFORMATION IN THE TECHNOLOGY SECTOR



About

Zenlayer is an edge cloud service provider, serving clients based primarily in Asia and North America expand their service reach and improve end-user experience by having servers close to their end users, through high-availability, low latency access points. As part of its expansion strategy in the African market, Zenlayer required a low latency network environment with infrastructure critical to its business processes. The company also required a highly available and flexible Data Center capable of scaling as core IT infrastructure operations ramped up.

Solution

For its West African PoP, Zenlayer selected Equinix's Lagos Data Center whose linkages to MainOne's 7,000km submarine cable and interconnected ecosystem of over 30 providers West Africa, provided a high level of reliability, which was consistent with the seamless experience offered to customers throughout the Zenlayer global network. The solutions provided included:

- Provision of a test environment to measure network performance.
- Design and deployment of secure rack spaces with adjacent spaces reserved for growth.
- Delivery of bespoke solution that enabled the reach to all MNOs in Nigeria.
- Delivery also included establishing peering connection with the Internet exchange platform for enhanced customer experience.
- Multi skilled engineering pool was assigned to assist and support customer with onboarding and assistance with future growth and upgrades.

Results

- Zenlayer achieved its requirements of high availability, flexibility and scalability for a low latency network capable of reaching eyeballs within Nigeria and the West Africa region.
- Zenlayer has also scaled quickly into reserved rack space as customer demand continues to grow.

By leveraging solutions from MainOne, latency has been cut in half - from 200ms to 100ms - as a result of switching provisioning from Frankfurt to Lagos; thereby improving Zenlayer's service delivery in the region

DATA CENTER SERVICES

COLOCATION SERVICES

Outsourcing your data center services to MainOne, solutions by Equinix, using the Equinix International Business Exchange (IBX) via MainOne ensures access to over 260 data center facilities around the world including West Africa and South Africa, with guaranteed high availability, security, open access connectivity, providing the required stability for your data center workloads.



Best in class infrastructure



Flexible configurations



Optimal physical and logical security



Global and Regional Coverage



Open-Access facility

REMOTE HANDS AND EYES SUPPORT (RHES)

We provide nominal remote hands and eyes support which covers basic operations such as routine checks, troubleshooting of performance issues and project based activities

INTERCONNECTION

Businesses need to be able to communicate with each other seamlessly, which is why at our facilities, customers gain access to other networks, content providers and ISPs to keep them up and running

- Optical Cross Connect
- Metro Connect
- Dedicated Patch Panel
- AfriConnect
- Amsterdam Internet Exchange (AMS-IX Lagos)

WORKSPACE AND STORAGE

We provide dedicated and adhoc workspaces for customers who require it as part of operations or business continuity. All workspaces come bundled with high speed wireless internet.

Short and long term storage spaces are also available for customers with equipment, material and backup storage requirements.

CLOUD

Replace obsolete processing, storage, sharing, distribution or management of information with anywhere, everywhere computing for the 21st century and beyond.

Localization of content

Proximity of data to Nigeria and West African countries for reduced latency

Deployment in Public Cloud

Access to the leading public cloud platforms such as Microsoft Azure, AWS, VMware, Ali Baba Cloud for global scalability

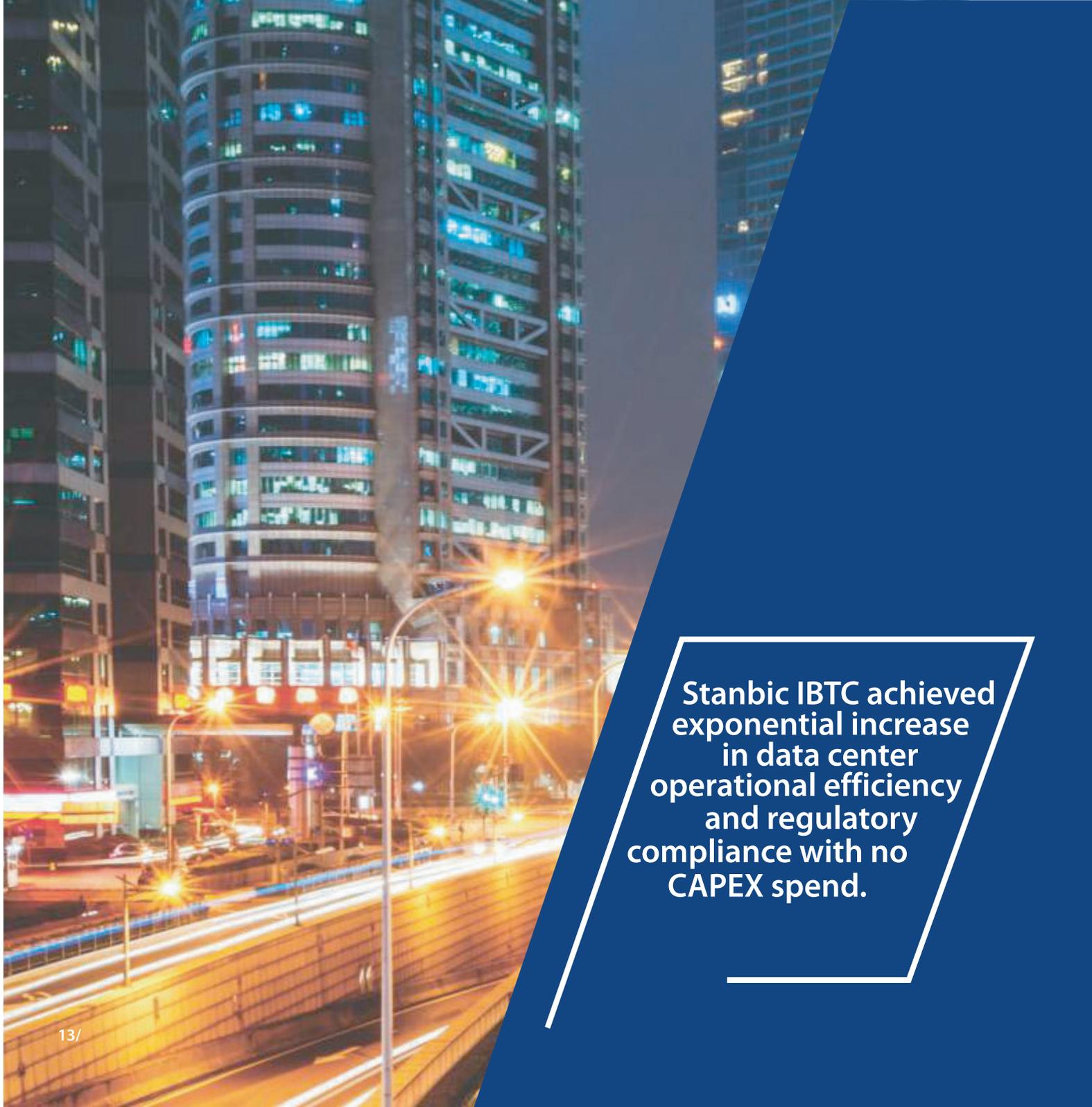
Optimal high performance

Global Internet access via direct connectivity to regional networks and submarine cables for international reach.

Service levels

24/7/365 in-country support

As an Equinix Company, MainOne is committed to accelerating the growth of West Africa's digital economy by providing top-tier data center services, network connectivity solutions, and cloud services.



Stanbic IBTC achieved exponential increase in data center operational efficiency and regulatory compliance with no CAPEX spend.

ENABLING DIGITAL TRANSFORMATION IN THE FINANCIAL SECTOR



Stanbic IBTC achieved exponential increase in data centre operational efficiency and regulatory compliance with no CAPEX spend.

Powering high availability for a global bank

About

Stanbic IBTC is one of Nigeria's leading and most innovative banks. They have constantly blazed the trail in the last decade by deploying information and communications technology (ICT) solutions. Driven by a goal to become Nigeria's foremost end-to-end financial services institution, the bank understood that one of the prerequisites to achieving this objective was an overhaul of its primary and disaster recovery data centres.

Solution

MainOne's solution was the design and development of a private colocation and work space for the Bank. After a comprehensive technical and commercial build-versus-buy analysis of the customer's needs, MainOne offered a solution to meet the bank's immediate growth requirements. The solution also include a high capacity network to aggregate links from various telecom service providers connecting the bank's 180+ branches nationwide. Leveraging our metro network in Lagos, the bank's primary and disaster recovery centres were interconnected for failover purposes

Results

The Colocation solution meant the bank was quickly able to achieve regulatory compliance and increase efficiencies exponentially without having to invest capital and management effort in building out a new facility. The connectivity solution provided ensured access to all critical locations through diverse routes for uninterrupted service availability.



We chose MainOne as our infrastructure partner because of the company's regional footprint and competitive pricing which provided us the opportunity to build a long-term strategic partnership.

ENABLING DIGITAL TRANSFORMATION IN THE TECHNOLOGY SECTOR



About

Trobexis is a best-in-class, global, workforce planning solution, that connects workforce logistics demand to operational execution to deliver business value to all stakeholders.

Business Case

As an international logistic management solution company, Trobexis needed to deploy their solution remotely for an international Oil & Gas company in Nigeria and needed to work with an in-country, infrastructure partner with stringent data compliance standards, security, performance requirements and a regional footprint. MainOne was chosen as that partner.

Solution

The company leveraged the Azure Stack at Equinix's Data Center facility in Nigeria to deliver their Enterprise Workforce Logistics Management System application remotely to an international Oil Company in Nigeria.

Results

Prior to this move, the TrobexisOne application had been deployed in public Azure cloud infrastructure. According to Jonathon Tilsley, Director Trobexis PTY Ltd, working with MainOne to deploy TrobexisOne was a seamless experience. We deployed everything remotely without having any member of our technical team on ground. The rollout was timely, and the plan was adhered to. We have never deployed this application in a hybrid environment and the team was able to lead us down the path to help us achieve our desired outcomes. We got the application for the International Oil Company (IOC) ready before the live date."



CUSTOMER SUPPORT

MainOne's Global Network Operating Center (GNOC) manages the Service interface to all our customers. The Center is equipped with state-of-the-art network management, monitoring and performance analysis systems to ensure that all services delivered to customers are proactively monitored. The Service Desk, manned by highly trained and certified engineers, operates on a 24-hour clock, 365 days a year to respond to customer queries and network incidents. Our team is available to provide performance reports and status updates on service quality, availability, network faults and root cause analysis.



FLEXIBILITY

We provide Plug and Play solutions designed for small and medium enterprises and bespoke designs specifically tailored to meet the needs of larger enterprises through a consultative



PROCESS DRIVEN

We manage our network proactively and our customers are notified in advance of maintenance windows.



HIGHLY SECURE OPERATIONS

ISO 9001 certified
ISO 27001 certified

OUR COMMITMENT TO QUALITY (OR SLA)



Pro-active monitoring tools to ensure availability of infrastructure and compliance with SLAs for all services.



Detailed trouble ticketing for all network incidents with pre-defined escalation lists for all categories of faults.



Mean time to repair is a 4-hour commitment to restore service after On-Net failures.



Root Cause Analysis offers a detailed report of incident causes and the measures taken to resolve and avoid future incidents.



Highly-trained and certified engineers available for escalation on a 24/7 basis.

WE GROW TOGETHER

MainOne continues to position itself as a forward-looking partner that provides its clients with future-proof solutions. Today's businesses do not only need to leverage technologies that boost their operational efficiencies, but also embrace digital transformation to gain the competitive advantage over their peers.

That is why we partner with some of the best names in the global ICT space to drive your growth. Our partnerships include:



Submarine Cable System

built by TE SubCOM/Ciena, with over 5 decades of experience in building subsea cable systems.



Data Center

MainOne provides top-tier data center services on Platform Equinix. Platform Equinix is the trusted foundation for digital infrastructure at software speed.



Cloud Services

partnership arrangements with a growing number of technology OEMs including Microsoft and Amazon.

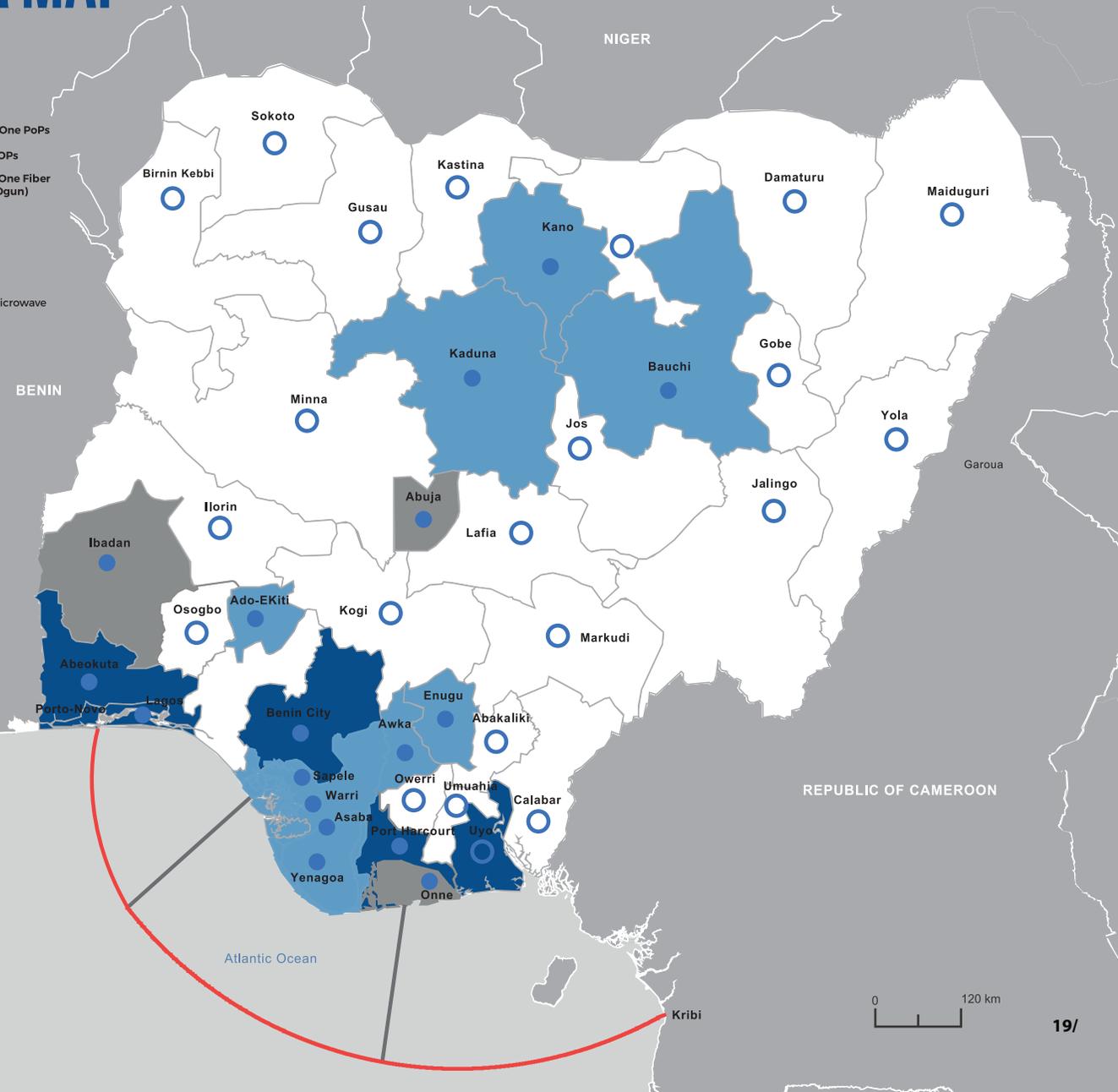
NIGERIA TERRESTRIAL FIBER MAP



KEY

- States with MainOne PoPs
- MainOne Fiber POPs
- States with MainOne Fiber (Lagos, Edo and Ogun)
- Partner POP
- Planned Fiber
- NigerCam Cable

All MainOne PoPs are Microwave & Fiber PoPs



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