

Paratus Group Overview



PARATUS
Always Prepared



Why Paratus?

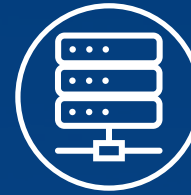
Paratus is Africa's quality network. With an unrelenting belief in the potential of Africa, and a commitment to unlimiting business success and connectivity, the Group is investing in infrastructure and establishing itself as a key player in delivering integrated network services across Africa.

Paratus is managed by a passionate and professional operational team in seven African countries – Angola, Botswana, Democratic Republic of Congo, Mozambique, Namibia, South Africa and Zambia. The business's extended network provides a satellite connectivity-focused service in more than 35 African countries. This connects African businesses across the continent and delivers end-to-end service excellence. The Group's footprint extends beyond Africa to international PoPs (Points of Presence) in Europe, UK and USA.

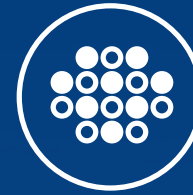
Born and bred in Africa, Paratus is continually redefining limits and breaking boundaries to provide a service that works without compromise and sets the bar for providing quality connectivity in Africa.



Cloud Services



Data Center Services



Fiber



Connectivity Services



VSAT Services



Wholesale



Voice Services



SD WAN

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Group Overview

Paratus is Africa's quality network. With an eye on the future, the group is investing in infrastructure and establishing itself as a key player in delivering integrated network services across Africa.

Paratus currently has offices in seven African countries – Angola, Botswana, DRC, Mozambique, Namibia, South Africa and Zambia – with an extended satellite network in more than 35 African countries to a magnitude of customer satellite connections across Africa.

As a customer-focused and passionately committed company, Paratus is thinking big when it comes to delivering world-class quality connectivity in Africa.

Paratus - Always Prepared

A portrait of Schalk Erasmus, a man with a grey beard and blue eyes, wearing a blue blazer over a white shirt. He is looking directly at the camera. The background is dark with blue and yellow bokeh lights. A dashed teal circle highlights the quote on the right.

“At Paratus, we believe in unlocking the potential of Africa. Not just for the sake of growth, but for the transformation of our continent. We are always prepared to deliver quality connectivity and service.”

Schalk Erasmus- Group Chief Executive Officer

Group Structure

Paratus is Africa's quality network. Born and bred in Africa, Paratus has an unrelenting belief in the potential of the continent, and a commitment to unlimiting business success and connectivity.

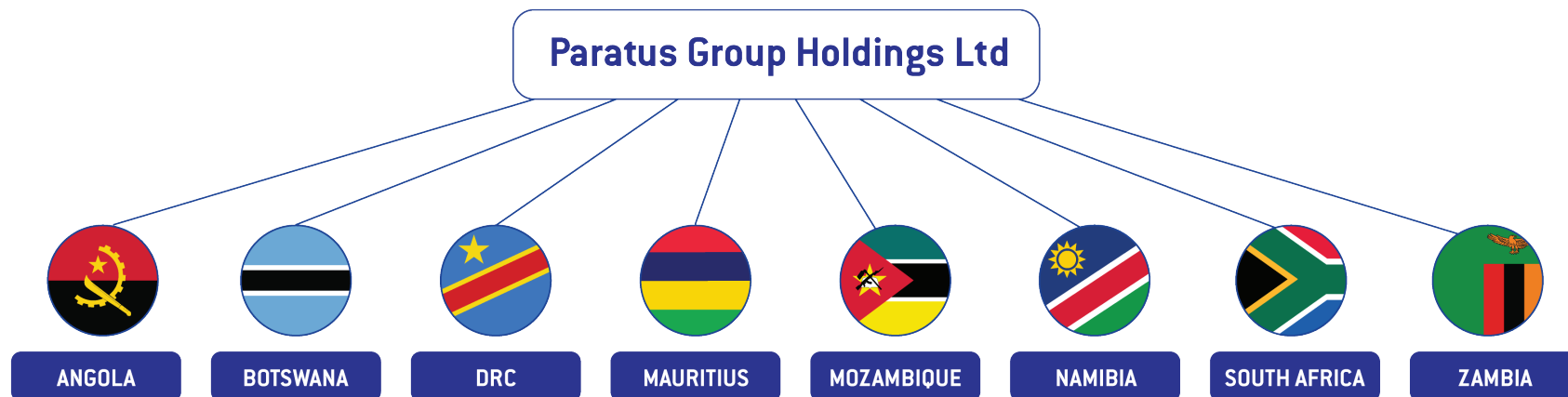
The group is investing in infrastructure and establishing itself as a key player in delivering integrated network services across Africa.

Our African footprint includes:

- Offices in 7 SADC countries - Angola, Botswana, DRC, Mozambique, Namibia, South Africa and Zambia;
- 4 Data Centers;
- 5 Satellite teleports with over 5000 customer sites;
- the Equiano subsea cable landing station in Namibia;

- an extensive network through satellite connectivity-focused service in more than 35 African countries that connects businesses across the continent and delivers end-to-end service excellence;
- international points of presence (PoPs) in the UK, Europe and the USA.

Key to Paratus' success is a passionate and professional operational team that continually delivers on the Group's promise to redefine limits and create a service that works without challenges and sets the bar for providing quality connectivity in Africa.





ANGOLA



BOTSWANA



DRC



MOZAMBIQUE



NAMIBIA



SOUTH AFRICA



ZAMBIA

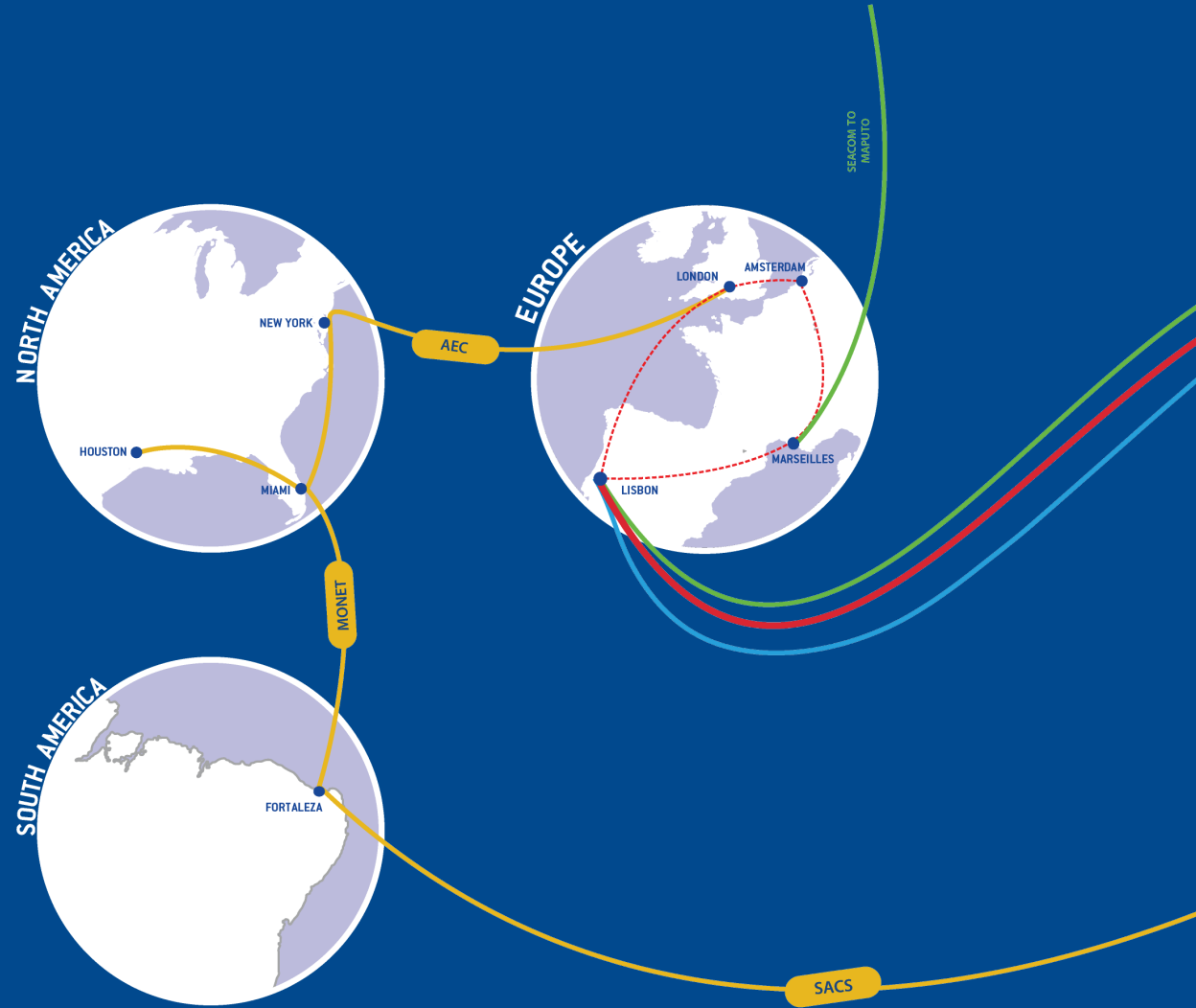
| | | | | | | | |
|----------------|---|---|---|---|---|---|---|
| Cloud Services | ● | ● | | | ● | | ● |
| Data Center | ● | | | | ● | | ● |
| Fiber | ● | ● | ● | ● | ● | ● | ● |
| Mobile Data | | | | | ● | | |
| Satellite | ● | ● | ● | ● | ● | ● | ● |
| Voice (VOIP) | ● | ● | | | ● | | |
| MPLS & SD-WAN | ● | ● | ● | ● | ● | ● | ● |

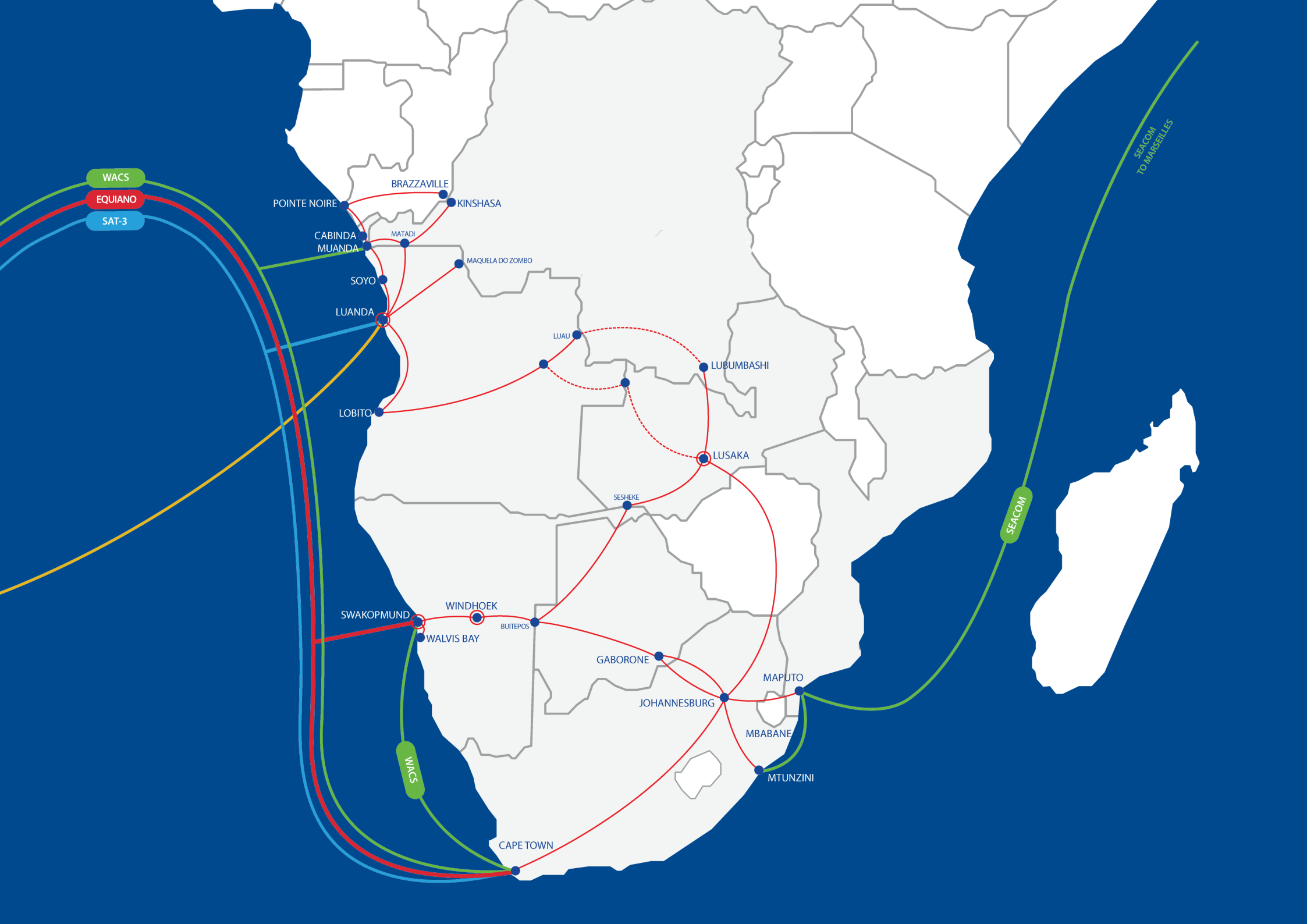
Africa Footprint

KEY:

- SAT-3
- SEACOM / WACS
- SACS / AEC
- TERRESTRIAL NETWORK
- EQUIANO
- DATA CENTER

NOT TO SCALE





Angola

Paratus Angola was founded in 2003 as an internet service provider. It was established to deliver excellent technical services to large corporate clients and is committed to the development of Angola.

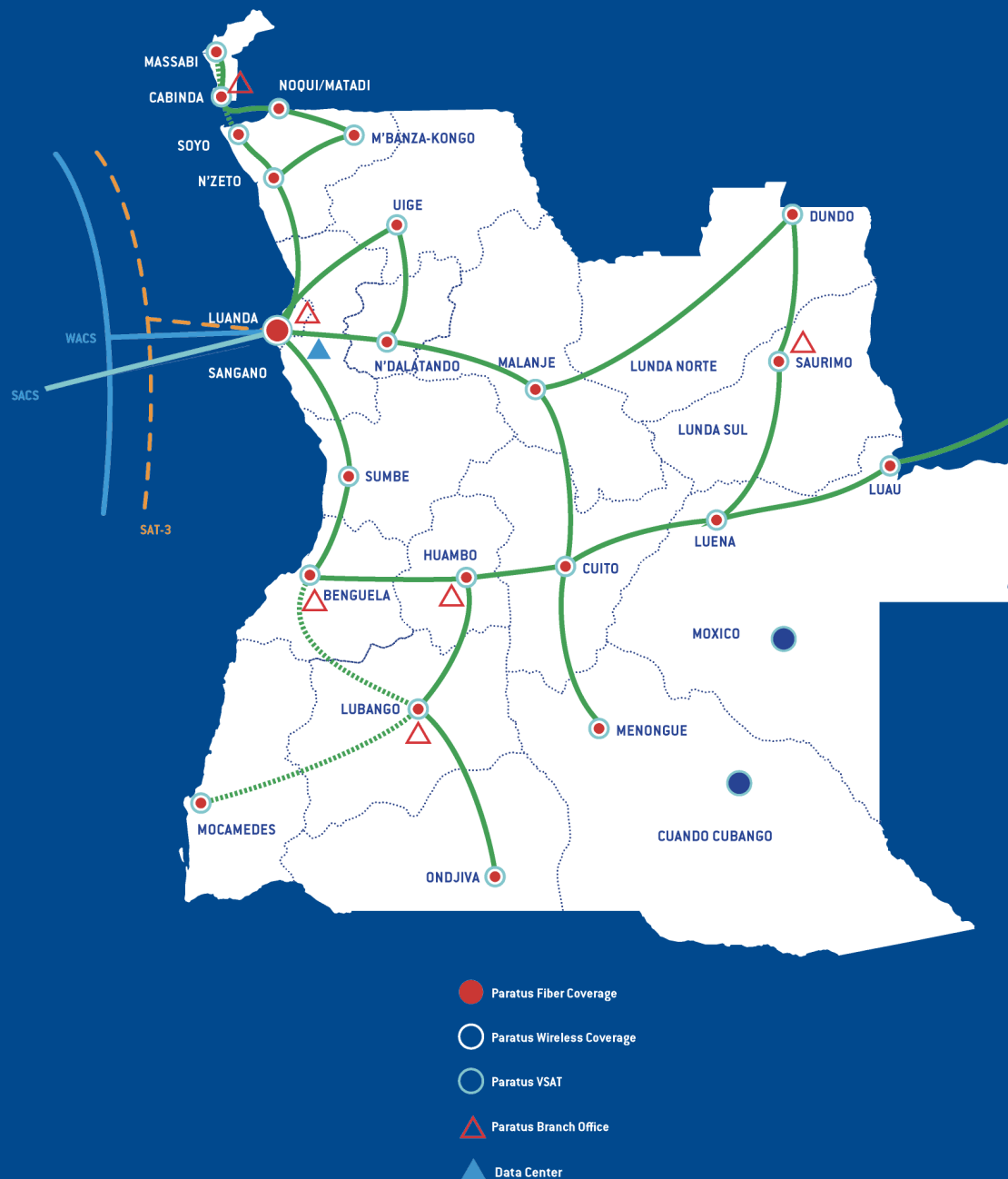
Because of its wide variety of customers, it has expanded its portfolio of services and solutions by increasing innovation and ensuring the redundancy of its links.

This constant evolution is possible thanks to the experienced and dedicated staff, who are reliable and efficient.

Today it is a provider of total telecommunications services, offering innovation, reliability and competitiveness to all its customers. It prides itself by confidently stating that it provides the most reliable global telecommunications service in Angola.

Paratus Angola supports a prolific network providing access via fiber, microwave and satellite from Soyo in the north to Ondjiva in the south.

Paratus Angola operates two secure and reliable Data Centers in Luanda, built to Tier-III standards. The two facilities were launched in 2017 and 2019 and are fully certified (ISO 27001, ISO 9001 and PCI DSS).



Botswana

Paratus Botswana was established in 2016 and has been providing business customers with quality and reliable services ever since.

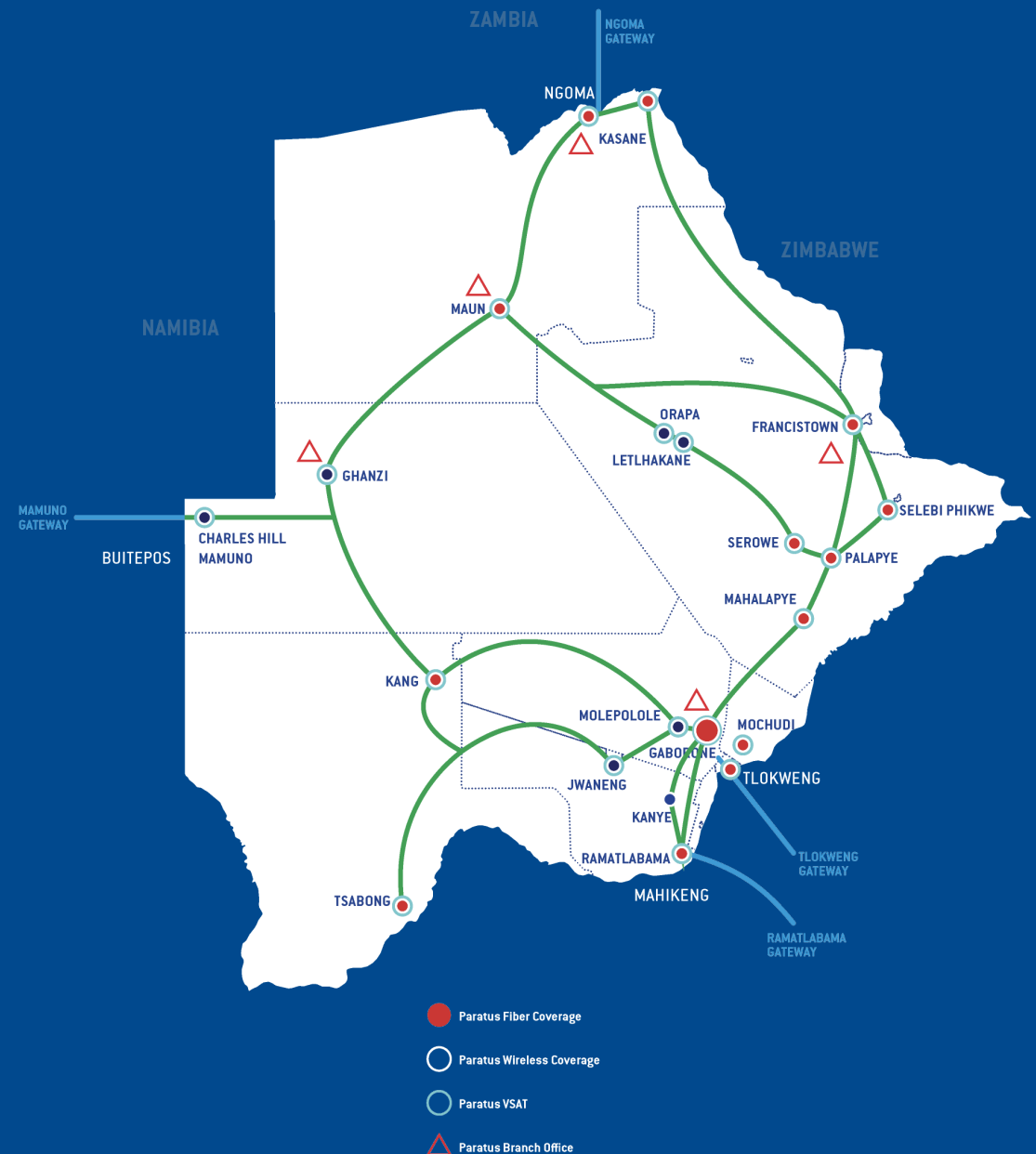
From the onset, they ensured the network unsurpassed uptime through geographically diverse routes in and out of the country. They have invested heavily in infrastructure, which has required significant investment, but ensures promises are met.

With a full Services, Applications and Network Facilities licence, Paratus Botswana is able to offer a range of solutions in the market from Voice, Internet and Data, as well as various value-added services including, but not limited to, Hosted Services and LAN solutions. The innovative team is able to construct and deliver solutions to support organisations ranging from SMEs to Banks and Listed Corporates.

The national network, which utilises both the Paratus network infrastructure as well as aggregated networks from other operators, allows the company, as a relatively young entity, to provide wide coverage across Botswana, even in the most remote locations, via satellite solutions.

Leveraging the Paratus international network opens up new options for the Botswana market in terms of International connectivity and services at competitive prices.

Botswana is placed centrally in southern Africa, a strategic position in being able to offer attractive transit routes through the country to Carrier clients.



Democratic Republic of Congo

FAST Congo was founded in 2021 as a joint venture between the Paratus Group and Global Broadband Solutions (GBS) following the successful awarding of an international tender for the activation and maintenance of the CAB5 fiber link in the Democratic Republic of Congo. With this state-of-the-art infrastructure in place, FAST Congo now provides for a solid, independent circuit for all mobile operators and Internet Service Providers in the DRC, meeting the need for a long awaited alternative route.

To solidify its position as a leader in the industry, FAST Congo acquired four licenses in early 2022, enabling the company to offer regional and international connectivity, as well as dark fiber and carrier-grade IP transit solutions, with direct access to the CLS in Muanda. These licenses allow the company to meet the growing demand for telecommunication services in the DRC, where the sector continues to experience rapid growth and the number of mobile network operators and internet service providers is on the rise.



Democratic Republic of Congo



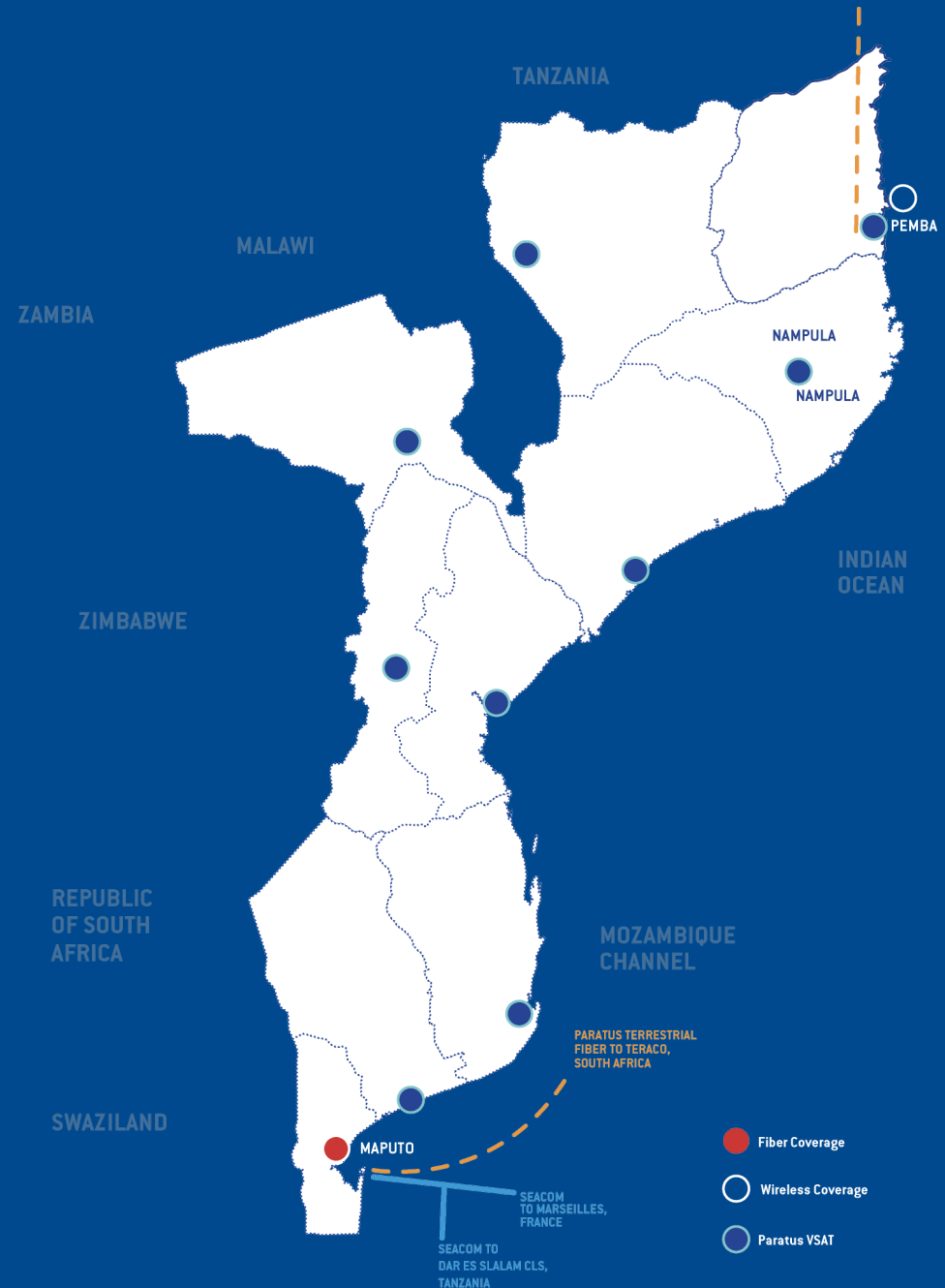
To ensure that it remains at the forefront of this dynamic industry, Paratus Group has already prepared for future investments with its local partners. As a member of the Paratus Group, FAST Congo can offer its customers diverse links that go beyond what is currently available in the DRC. Besides its link to the WACS cable, FAST Congo can provide international connectivity links via Luanda to both SACS and SAT3, ensuring that its customers have access to resilient connectivity options.

Mozambique

Paratus Mozambique was founded in 2017 and licensed by the regulatory authority, Instituto Nacional das Comunicacopes de Mozambique (ICNM), at the end of November 2017. Spectrum was awarded in February 2018.

It currently has several PoPs in Maputo and Matola, covering almost 90% of the city which is connected via SEACOM on the east coast of Africa to international PoPS in Europe, as well as via Paratus Terrestrial fiber to Teraco, South Africa. Eleven additional PoPs are in progress, which includes some in the north of the country.

All services are business orientated and deployed through licensed microwave and fiber last mile infrastructure in the cities of Maputo and Pemba, whilst the rural areas are serviced with satellite solutions.



Namibia

Paratus Namibia was founded in 2005 and is listed on the Namibian Stock Exchange. It is 100% Namibian owned and holds a Class Comprehensive Telecommunications Service Licence (ECS & ECNS).

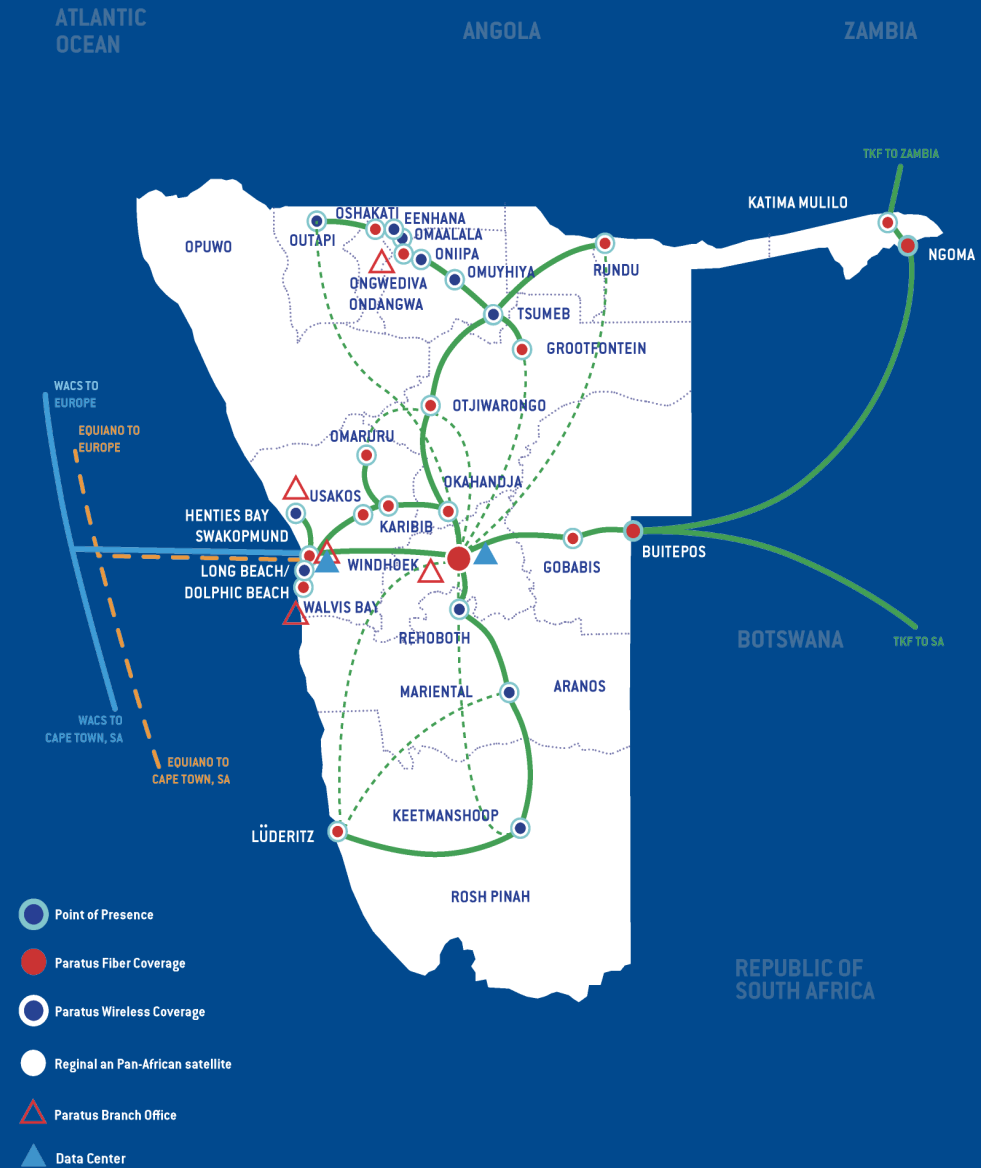
Paratus Namibia believes that investing in its own infrastructure is critical in remaining competitive, meeting customer demand and complying with stringent service quality expectations. By providing national network services through different access technologies and partner networks, Paratus offers resilience and redundancy where always-on connectivity is essential.

With various access technology offerings, from fiber to microwave and Mobile-LTE, Paratus customers can rest assured that the network is stable, reliable and can scale with capacity requirements while providing resilience, disaster recovery and route diversity to ensure maximum uptime.

Paratus Namibia also hosts its digital orbit tracking Satellite Earth Station in Windhoek and can connect customers directly to the fiber backbone, thus delivering connectivity nationwide. With a full suite of satellite products, Paratus offers remote customers Internet connectivity, telephony, Point-of-Sale connectivity and a fully tailored Wi-Fi voucher system for guest lodges and farms.

The company is the landing partner for the Equiano subsea cable system in Namibia.

The Armada Data Center is a Tier-III (by design) facility that offers world-class data storage and hosting services in Namibia. Located 20 km north of Windhoek, it was launched by Paratus Namibia in August 2022 as the first carrier-neutral and the largest data center in the country.



South Africa

South Africa was founded in 2006 as a satellite carrier provider, allowing various African countries access to South African content. It is a member of ISPA (Internet Service Provider Association) and holds a full ECS / ECNS Licence.

Through its presence in South Africa, Paratus can leverage various businesses and technologies on a pan-African level.

It provides access to various undersea cable systems on both the east and west coast, providing traffic to and from international destinations. It forms a hub in Africa, whereby African operations can connect to various content providers, as well as interconnect to various African networks.

Paratus South Africa is an independent provider of last-mile, satellite-based connectivity, and has grown to become a full-spectrum, end-to-end services aggregator and managed service partner. As industry experts, they specialize in providing satellite connectivity across South Africa and Africa.



Zambia

Paratus Zambia was founded in 2010 and holds an Internet Service Provider Licence, issued by the Zambia Information and Communications Technology Authority (ZICTA) in 2011. In 2023, they were also awarded the last Data Gateway Licence by ZICTA allowing it to deploy international gateways, cross-border communications services and import internet data traffic into the country.

It has established a network extending to major industrial and commercial centres throughout the country, which interconnects to the other African operations as well as international networks outside Africa. In 2023 it is set to complete a series of metro fiber rings across the country.

It also hosts critical backhaul routes for the Group by providing entry to South Africa and Botswana via fiber access through Lusaka. This forms a ring network in countries that are operational in southern Africa, thereby interconnecting Namibia, Botswana, Zambia and South Africa.

It has four routes exiting the country for connectivity, providing additional resilience for customers across the Group: to Lubumbashi (DRC), to Johannesburg (RSA), to Katima Mulilo (Namibia) and to Gaborone (Botswana). The border crossing to Namibia between Sesheke and Katima Mulilo is on the Group's own fiber cable.

The existing infrastructure and commitment to innovation ensures that it is always prepared to provide exceptional connectivity solutions to the corporate sector of the Zambian market.

Paratus Zambia launched its secure and resilient Data Center in Lusaka in 2019. It is a fully certified facility (ISO 27001, ISO 9001 and PCI DSS) that has been purpose-built to Tier-III standards.



Equiano Cable

As a leading telecommunications company in Africa, the Paratus Group is dedicated to providing exceptional connectivity solutions to our customers. Our strategic partnership with the Equiano subsea cable project exemplifies our commitment to delivering world-class infrastructure and customer service. Notably, we have played a crucial role in the development of Equiano by constructing the Equiano Cable Landing station on Namibia's western coastline. On 8 June 2023, we successfully activated the Namibian branch of Equiano, marking a significant milestone in our mission to transform Africa's digital landscape.

Equiano, with its landing points in Lisbon, Benin, Nigeria, St Helena, Namibia and South Africa, offers more than just enhanced connectivity. By integrating seamlessly with the Paratus network, it provides unparalleled advantages in terms of latency. Leveraging our extensive cross-border terrestrial fiber network and Equiano's unique routing, we ensure the lowest latency from Johannesburg to London and Lisbon. The combined power of the Paratus network and the Equiano cable significantly reduces latency, offering improved performance for our customers.

With Equiano and the Paratus network, we are able to offer our wholesale customers reduced latency rates, providing them with a competitive edge in the market. Our network configuration bypasses central and western South Africa, traversing Windhoek and Gaborone, and offers true resilience and redundancy. This not only ensures exceptional connectivity and uninterrupted services, but also positions us as an exceptional partner for our customers. The result is improved latency, with reduced round-trip times (RTT) to sub 135ms, and further improvements are anticipated to bring the latency down to sub 125ms from JHB to Lisbon and approximately 150ms from JHB to London.

Total design capacity

144Tbps

Lowest latency
route between
Johannesburg and
Europe.





Wholesale

Paratus provides wholesale bulk connectivity capacity on IP, IPLC and Dark Fiber from the South African caching arena to and from Europe and the USA.

Customers can choose from Lease and IRU (Indefeasible Right of Use) options with direct connectivity to Teraco Data Centres in Johannesburg and Cape Town, as well as 7 international across North America and Europe, with connectivity options through various east and west African undersea cable systems.

Capacity can be delivered into southern DRC from Zambia and the west of DRC from the northern borders of Angola, as well as Pointe Noire via Cabinda.

Access to Zambia and DRC is transmitted through the new Trans-Kalahari Fiber (TKF) cable starting from the WACS landing station in Swakopmund (Namibia), crossing Namibia via Windhoek to the Botswana border, which then extends onwards to Lusaka and South Africa through Botswana.



Data Centers

In a world where data is gold, how a company protects, manages and secures data is vital in unlimiting their true potential. In line with the Paratus commitment to leading digital transformation in Africa, its world class tier-III (by design) Data Centers, now in Angola, Zambia and Namibia, offer the very best in innovative and world-leading data solutions.

A business can be transformed and moved into the future with a Data Center; one that provides highly secure, always available and fully resilient environments, and offer enough flexibility to meet a company's changing needs. The Paratus Data Center facilities are carrier-neutral, and offer various physical and virtual hosting services as well as opportunities for Content Delivery Networks (CDNs) to help provide high availability, faster performance and security of content within Angola, Zambia, Namibia and the region.

Leveraging the latest physical and virtual security, a Paratus Data Center facility ensures secure storage, protection and management of company data. In addition, it offers modern-age cloud computing that not only helps businesses enhance operational efficiencies, but help cut IT capital and operating costs that are synonymous with on-premise data storage and management.

Moving data off-site to a fully secured Data Center facility not only guarantees enhanced processing and protection of data but also offers resilience on connectivity, power and cooling. It features fire suppression and security capabilities where traditional onsite set-ups may be compromised.



Cloud Services

When a business requires expansion of its data services beyond on-site storage facilities, cloud computing plays a critical role. Cloud computing relies on secure shared resources which can achieve coherence but also economies of scale, thus creating cost efficient off-site storage solutions.

With the advent of cloud services and the expansion of almost any conceivable platform in the cloud environment, cloud computing has given way to new methods of product and software delivery. The cost of ownership is no longer a concerning factor in the acquisition of new technologies, where even the most critical business application vendors have conceded to the cloud computing model. Platform and software-as-a-service has become the norm in cloud services.

The Paratus Group offers various services as part of its cloud offering. The state-of-the-art Data Centers can host a company's physical equipment or provide a virtual server environment with secure access to company data.



Satellite Services

The Paratus Group currently manages more than 5000 satellite terminals across more than 35 African countries running on various satellite technologies, covering the majority of the African continent.

It provides 24/7/365 NOC (Network Operation Center) support to all its customers via Angola, Namibia and South Africa respectively.

The group manages its own infrastructure, and through partnerships with the biggest satellite operators, it can supply a multitude of satellite coverage solutions.

It uses the latest technologies from industry leaders and can provide either C, Ku or Ka-Band services to customers.



Features

- 12 beams focused over Africa (pan & sub-Saharan Africa)
- Covering C/Ku/Ka-band solutions
- Teleports across Africa (Own – Angola, Namibia & South Africa)

Markets Serviced

- VSAT
- Mobile
- Maritime
- Government
- Cellular Backhaul
- Trunking
- Oil & Gas
- Financial
- Agricultural

Services Offered

- Capped
- Uncapped
- PAYG (Pay As You Go)
- Fiber backup
- SVNO
- Dedicated services
- Customised Enterprise solutions



PARATUS

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