Africa
DataCentres

Bringing African
data back to Africa

Africa's largest network of carrier-neutral data centres

Africa Data Centres is the only truly pan-African operator of large-scale, vendor- and carrier-neutral data centres which serve as the foundation of the African digital economy. For over a decade, our facilities have served as the interconnected digital hubs to African markets as well as major continental subsea cables.

Currently we have state-of-the-art facilities in nine cities across the continent built to the highest specifications in line with global best practices. We are busy building a network of data centres in five core sites in Africa; Johannesburg, Cape Town, Mombasa, Nairobi and Lagos. Our vision for these five countries are to become the hubs from which we will develop a sub-network of edge data centres in second-tier countries.

We believe in using a combination of reliable, proven, innovative and energy-efficient data centre technologies with strong expertise and the best customer support. Our facilities are designed, built and operated to the highest possible standards that today's top cloud providers, carriers and

enterprises insist on. This guarantees peace-of-mind for our clients, irrespective of the scale of their requirement.

Our facilities are ideal for all organisations who wish to protect their data and guarantee business continuity for their peace of mind. As for the interconnection hubs for Africa's leading businesses, we eliminate the expense for our clients of maintaining their infrastructure, which helps them extend their reach into new markets and allows them to focus their existing IT resources on high-value tasks that benefit their businesses.

We offer our clients greater network reach, networking stability, enhanced resilience and reduced latency.

Our fully neutral facilities are opening doors all over Africa thus allowing our clients to connect to the rest of the world and all the opportunities that go hand-in-hand.

Outstanding security

Today's organisations need stable, reliable IT environments that can adapt to the evolving requirements of their businesses. Our data centres ensure that our clients' network and compute infrastructure is securely hosted, quickly accessible and available 24 / 7 / 365.

Africa Data Centres' core facilities are purpose-built, fully owned and operated by us, ensuring that the physical and digital security of customers' data and transactional computer processing remain top-of-mind from the physical layer up. Our facilities are not only Tier III level, but they are also ISO 27001 and PCI DSS certified.

We use the best information security tools and solutions the industry has to offer to deliver total data protection and have comprehensive perimeter, building and access control systems in place to guarantee a safe environment for our customers. This includes CCTV to cover the perimeters of our facilities as well as all relevant areas within them, such as entry and exit points, all rooms within the facilities and each row inside all computer rooms.

Our CCTV cameras are connected to various independent DVR systems, to ensure continuous recording in the event one system should fail. All camera feeds captured within our facilities are monitored by the data centre IT security teams, as well as our contracted security services provider 24 / 7 / 365.

Over and above our CCTV solution, we have state-of-the-art access control systems monitoring all entry points into our data centres which feature the intelligence to send an alert should a door be propped open. Our computer rooms are accessed via biometric access control only, which ensures that all movement is managed and recorded.

Versitile Ecosystem

Our adaptable and scalable data centres give customers the choice and the foundation upon which they build their digital strategies and expand their businesses. Being carrier-neutral means we are independent of any network, hardware or software vendor. **Africa Data Centres** has no affiliation to any particular partner, so we can draw a full range of connectivity providers into our facilities, giving our clients a real choice of providers who are all vying to offer the best performance, service and price.

This neutrality and flexibility are at the heart of our business. We believe in finding a solution for our clients that works for them, not the other way around. Our ability to interconnect between multiple carriers and cloud providers, ensures that our clients can compare offers, reduce costs while boosting performance and choose the providers that best meet their needs.

At **Africa Data Centres**, all our clients' data centre, networking and storage needs are met, from world-class data centre services, physical and virtual interconnections to always-on support, local and hyper-scale cloud, as well as the widest ecosystem of best-in-class IT suppliers, carriers, ISPs, peering points, Internet exchanges, content distribution networks and many more.

Expertise you can trust

The **Africa Data Centres** team is made up of top experts from around the globe with years of experience, who are dedicated to solving our clients' toughest technical challenges.

Because we always strive to do better, we are continually adding new certifications as well as mastering the latest and greatest technologies, to keep us ahead of the curve, so we may pass that value and knowledge onto our clients.

We also take our customers' business very seriously and are staffed by certified technicians who are passionate about providing top support, consistent responses to all calls, to solve challenges before they become a problem and deliver the best customer experience.

Full personalisation

Africa Data Centres knows that being flexible and scalable is crucial during this digital age. When it comes to technology, it's never a case of "one size fits all'. In addition, your business' data centre requirements must be able to adapt to new technologies as well as shifting business requirements, which is why we have adaptability built into every aspect of our proposition.

We are leaders in flexible design within highly resilient and efficient data centres. We offer a wide array of services that are delivered with flexible, reliable and transparent commercial options and can scale up and down as needed, with little intervention or effort. No matter what our clients' requirements are, we will find a way to meet them, always going the extra mile to deliver a perfect customer experience.

Our unparalleled technical expertise and customer support enable us to help clients seamlessly navigate the waters of all their IT and digital initiatives. Our team of dedicated experts provide our customers with outstanding, single-source solutions, freeing up their valuable time and resources, and allowing them to focus on core competencies while we manage their infrastructure investments.

Also, to help our customers future proof their businesses, we offer pricing and contractual terms that are flexible and dynamic. For customers who choose to have colocation contracts that exclude the option to bundle power on the monthly recurrent costs, **Africa Data Centres** installs meters that measure each rack's power feeds, measuring the exact power consumption of the racks. This data is used to tabulate and work out the monthly power costs based on the actual consumption by our clients' infrastructure. It gets billed separately and in parallel to monthly colocation fees.

The right places for your data

Our carrier-neutral and interconnected data centre facilities are built in strategic locations across Africa to allow our customers to take advantage of the major commercial, utility power, transport and telecommunications infrastructure hubs on the continent.

They are located at Africa's major regional business and trade hubs and other areas we believe are emerging as the epicentres for public and private cloud hosting and attracting multinationals, as well as Africa's largest enterprises.

All our data centres are interconnected through multiple routes and networks so that our clients can connect to any other client in any other data centre seamlessly and with low latency.

Irrespective of where our clients' infrastructure is hosted, our end-to-end capability eliminates the complexity of having to manage multiple suppliers and gives customers an easy, single point of contact for all support of IT and communications.

Environmental sustainability

While data centres cannot deliver effective services to clients without energy, it is estimated that power used in data centres amounts to over 400 terawatts or the equivalent of three percent of all power generated around the world and this is only getting worse.

At Africa Data Centres, we realise the importance of sustainable energy and have a Corporate Sustainability Program in place to lower carbon emissions and increase energy efficiency sustainability goals to positively impact our customers, partners, investors and employees.

We take our impact on the environment extremely serious. This is one of the reasons why we are installing solar power across all of our data centres. In fact, with each facility we carefully consider our sustainability and responsibility in terms of what our impact on natural resources will be.

The biggest input into a data centre is ultimately power, so our aim is to operate extremely efficient data centres and source as much low carbon and renewable energy as possible.

We began with initial solar installations at all our data centres and are currently in the process of expanding those installations. In addition, we carefully examine each country in which we operate and ask ourselves how we can source renewable power.

This is naturally dependent on the policies and regulations in each country. Africa Data Centres partners with the local utility and the government to find large scale, low carbon power systems.

In addition, while data centres actually are not large water consumers, water is typically needed for cooling systems, however, they feature closed loop systems, so a certain amount of water is needed upfront and then water usage becomes minimal. For us, the challenge was how to get the large volume of water needed upfront for the major upgrade of our Cape Town data centre. We ultimately selected an atmospheric water generator, an incredible technology that pulls moisture from the air.

Over a couple of months we generated enough water to fill our entire chilled water system and buffer tanks. Since we now have surplus water, all extra water that is being generated is distributed to local schools in the Cape Town area, lower Cape Flats and an NGO called 'Gift of the Givers' that works with a number of low income schools in the region.

Our aim is to power Africa's digital economy and do this in an environmentally sustainable way. Our facilities are designed, built and operated using sustainable, clean and renewable energy sources as much as possible.

Our Program was created with achieving significant and measurable progress towards a greener future. With this in mind, we recently expanded the use of solar power through the installation of a 1.2 MW solar panel plant at our data centre facility in Nairobi, Kenya. ■

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Johannesburg
Mombasa
Nairobi
Lagos

■ **Africa Data Centres edge sites**
Abidjan
Casablanca
Dakar
Harare
Kigali
Maseru
Bujumbura

June 2020

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