Digital Parks Africa
Company Profile

Your Partner for World-Class, Reliable, and Agile Data Centre Services in Africa.

DIGITAL
PARKS AFRICA

About Digital Parks Africa (DPA)

Digital Parks Africa was founded in 2017 with a bold vision: to revolutionise Africa's digital landscape by making world-class data centre services accessible to all businesses, regardless of size. As a 100% African-owned company, we're more than just a data centre operator - we're the digital heartbeat of the continent. We take a partner approach to deliver tailored data centre services that meet the unique needs of our customers.

Rooted in local expertise and strengthened by global skills, we understand Africa's unique challenges and opportunities. As trusted custodians of advanced data environments, we are a leader in high and flexible rack-power densities, innovative cooling solutions, class-leading guaranteed PUE of 1.5, and cost-optimised structures like our pass-through power billing model. Enjoy enhanced scalability, low latency, and robust disaster recovery in South Africa's economic hubs.

Digital Parks Africa is always reliable, always agile, and always on.

Our Mission.

To revolutionise Africa's digital landscape, safeguard digital resources, and empower our people and partners.

Our Vision.

To be Africa's premier data centre partner.

We strive to be recognised for our excellence in reliability, scalability, and innovation. We commit to setting industry benchmarks by delivering tailored and reliable data centre services that drive digital transformation and enable business to thrive in a connected, technology-driven world.

The DPA Experience

At DPA, we focus on managing your data efficiently. Our data centres are designed to support businesses of all sizes with scalable and secure solutions. We emphasise cutting-edge, high-performance technology and strong security to help your business grow and succeed.

Local Expertise

DPA has a deep understanding of African market dynamics, and we are committed to regional economic growth.

World-Class Solutions

DPA offers globally competitive data centre services that adhere to international standards of construction, redundancy, and

Partner Approach

We are collaborative and client-centric, fostering strong relationships and offering personalised service to each of our clients. We have a "partners for life" mentality.

Cutting-Edge Technology

At DPA, we use the latest advancements in data centre technology to offer state-of-the-art solutions.

Infrastructure for Every Business

Enabling businesses of all sizes to thrive with equal access to advanced digital infrastructure solutions.

Future-Proof Solutions

DPA provides scalable and adaptable solutions to support growth and meet the evolving needs of clients.

Advanced Security and Reliability

We offer cutting-edge physical and digital security measures to safeguard critical data and infrastructure, while our next-level power redundancy ensures optimal uptime.

Our Values

DPA is committed to being your essential data centre, connectivity, and ICT lifeline. DPA is a B-BBEE level 4 business. **We are:**

Customer Obsessed
Our customer is king. We are committed to providing the best, personalised service and prioritising our customers' needs.

Agile
We embrace flexibility and deliver agile solutions that scale seamlessly, giving our customers the freedom to evolve and grow as needed.

Empowering
We enable our customers and employees through our data centre services, leading with cutting-edge technology and future-proof solutions.

Accessible
We break down barriers by democratising access to advanced data centre services.

Africa-Centric
Our operations and strategies are rooted in a deep understanding and commitment to the African market.

What We Offer.

At DPA, we specialise in world-class, reliable colocation services, providing secure and robust data centre infrastructure to ensure your ICT operations run smoothly.

White Space
We offer secure, dedicated environments to customers, allowing them to protect their infrastructure and data.

Customisable: Customers can tailor their white space to specific requirements, such as power density, cooling, and security.

Advanced security: Our data centre offers multiple layers of security, including biometric access and CCTV surveillance, and is compliant with international standards to ensure that white space environments are highly secure.

Highly efficient: Our white space features robust cooling efficiency with dedicated cold-aisle containment optimising your ICT infrastructure's performance.

Power

Power is at the heart of any data centre, and our comprehensive power offerings provide our clients with peace of mind - always available.

Uptime guarantee: Our facilities are equipped with multiple power redundancies, ensuring we can offer an uptime guarantee.

Scalable power: Our facilities provide 1-15kW per rack with the option to scale up according to your needs. Enjoy real-time metering and effortless adjustments.

Triple Change Over: Our Triple Change-Over (TCO) system integrates multiple devices to seamlessly manage and switch between, up to three, power sources. Its primary function is to ensure a reliable electrical supply by selecting and delivering power from the most appropriate source.

Cooling

We offer efficient data centre cooling solutions to optimise PUE ratings for our clients,

Our cooling technologies include chilled water systems, direct expansion (DX) cooling, and free-air cooling.

Security

At DPA, we provide multiple layers of security:
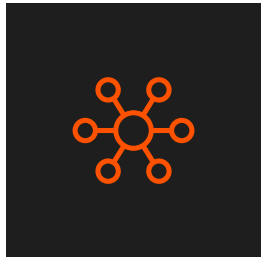
NOC: Dual NOC monitoring, on-site and off-site.

CCTV surveillance: Continuous monitoring throughout our facilities.

Multi-layer Biometric access: Access to the data hall, pods and racks are highly restricted with biometric access systems, ensuring that only authorised personnel can access your equipment.

Access control choice: Secure access at rack level using a range of options, including keys, access cards, biometric readers, or coded keypads.

Information security certified: ISO 27001

24/7 Network Operations Centre (NOC): Dual NOC monitoring, on-site and off-site. Monitors data centre equipment and infrastructure around the clock to ensure uninterrupted availability.

Connectivity

Elevate your business with our advanced data connectivity solutions tailored for seamless performance and scalability.

Diverse routes: Diverse paths for data transmission across four independent fibre entries to the building.

DPAP: DPA offers a high-availability and capacity, low-latency protected solution that extends your data centre footprint to another data centre facility with flexible, future-proof connectivity.

Carrier neutral & open access network: Multiple carriers present on site and an open market for partner networking

Cross connect: Our customers can establish private network links without needing to connect using the Internet.

Internet exchanges: We enable direct and efficient traffic peering between multiple networks, reducing latency and improving network performance for critical applications..

Carrier connectivity (fibre, wireless): High-speed, reliable connectivity through fibre and wireless solutions, offering flexibility and resilience for all your business communication needs.

Real-time monitoring

We deliver detailed and real-time insights into our data centres' critical infrastructure, power systems, cooling mechanisms, and environmental elements through customer reports and customisable dashboard views.

Transparency through reporting on all data centre elements:

— Pod Temperature
— Pod humidity
— Energy Consumption
— Generator run-time
— Battery status

— Access control records
— Uptime
— PUE
— Diesel Levels
— UPS Status

Value-Added Services

Digital Parks Africa does not just provide you with space; we help you manage it too.

24/7 Highly-trained remote hands: Our facilities are meticulously managed by highly-trained plant specialists, networking engineers, and electricians available to assist with any of your support, installation or maintenance requirements around the clock.

Structured cabling: Digital Parks Africa's structured cabling solutions ensure seamless connectivity and reliable data flow in high-density data centres. We provide pre-tested copper and pre-terminated fibre cables. Structured cabling provides the foundation for efficient equipment deployment and fault-free operation ensuring uninterrupted data flow, which drives uptime, scalability, and cost-efficacy.

Rack and Stack: A done-for-you solution which includes complete installation, organisation, documentation including installation drawings and images, and management of your IT equipment within our data centres.

Lift and Shift: Digital Parks Africa's Lift and Shift service ensures the safe, efficient relocation of your IT infrastructure with minimal downtime and disruption, providing seamless transitions between data centres or upgrades. Typically, this will comprise of de-installation, packing, transport, unpacking, and re-installation.

White-labelled Customer Pods: We provide fully customisable, secure, and dedicated data centre spaces that allow clients to tailor infrastructure to their specific needs, all while maintaining their own branding and operational control. . We can also adapt cooling, power, and security according to customer specifications.

Smart locks: Our smart locks are electronic lock systems installed on individual racks, giving clients the ability to manage and monitor who accesses their equipment. Each lock can be remotely operated, tied to specific user credentials, and provides a full audit trail of access events. Smart locks enhance physical security and support compliance requirements.
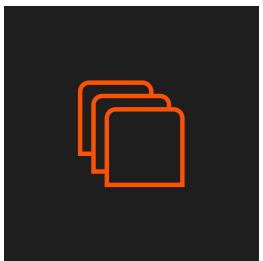
Compliance

With a commitment to industry-leading standards and certifications, we ensure that your information assets are protected and that your operations run smoothly.

Digital security: We comply with all the relevant critical data security measures, ensuring the safety of client data and digital resources.

Technology: Our technology has been thoroughly tested and billed to compliance against all the relevant ISO measures.

Redundancy

At Digital Parks Africa, redundancy is our top priority, ensuring our clients are offered solutions that meet their needs.

Power feeds: We offer multiple redundant power feeds.

Backup solutions: We host multiple on-site backup generators, uninterruptible power supplies (UPS), batteries, and a host of other power solutions.

Cooling: Our facilities are equipped with a range of cooling systems to increase PUE (Power Utilisation Efficiency).

Our Milestones in Shaping the African Digital Landscape

Our journey has been one of innovation and commitment, driving technological excellence and local economic growth.

2017

DPA Launches

DPA entered the South African market to provide accessible, high-quality, carrier-neutral colocation data centres. Its first modularly designed data centre in Samrand allows easy scalability to meet demand, serving as an innovation hub for enterprise and telco

2018

DPA's First Major Colocation Customer

DPA lands its first major colocation customer with 270 sqm of floor space, growing to 540 sqm of floor space in the same year.

2019

Strategic Partnership Growth

DPA partners with a second mobile operator to launch the client's first cloud availability zone in South Africa. Marking the arrival of DPA's first hyperscale cloud provider in its Centurion Samrand data centre.

2020

Increased Footprint

Construction starts on the second floor of DPA's Samrand facility, and a top multinational ICT integrator enters the DPA facilities. It also adds a new data centre in Centurion.

2021

New Strategic Initiatives

DPA completes the Samrand expansion, making it the largest modular data centre in Africa. Additionally, DPA acquires a new site in Johannesburg CBD and enhances connectivity by

2022

Increased Capacity

Capacity at the Samrand Energy Centre expands to 22 MVA to meet increasing customer demand.

2023-2024

Flagship Data Centre Expansion

DPA's flagship facility, Samrand, begins construction of a 3rd floor in its modular building. Simultaneously, expanding the site with a brick-and-mortar extension, adding 810 m2 of white space to support a further 570 racks. DPA launches a Data Centre Interconnect solution.
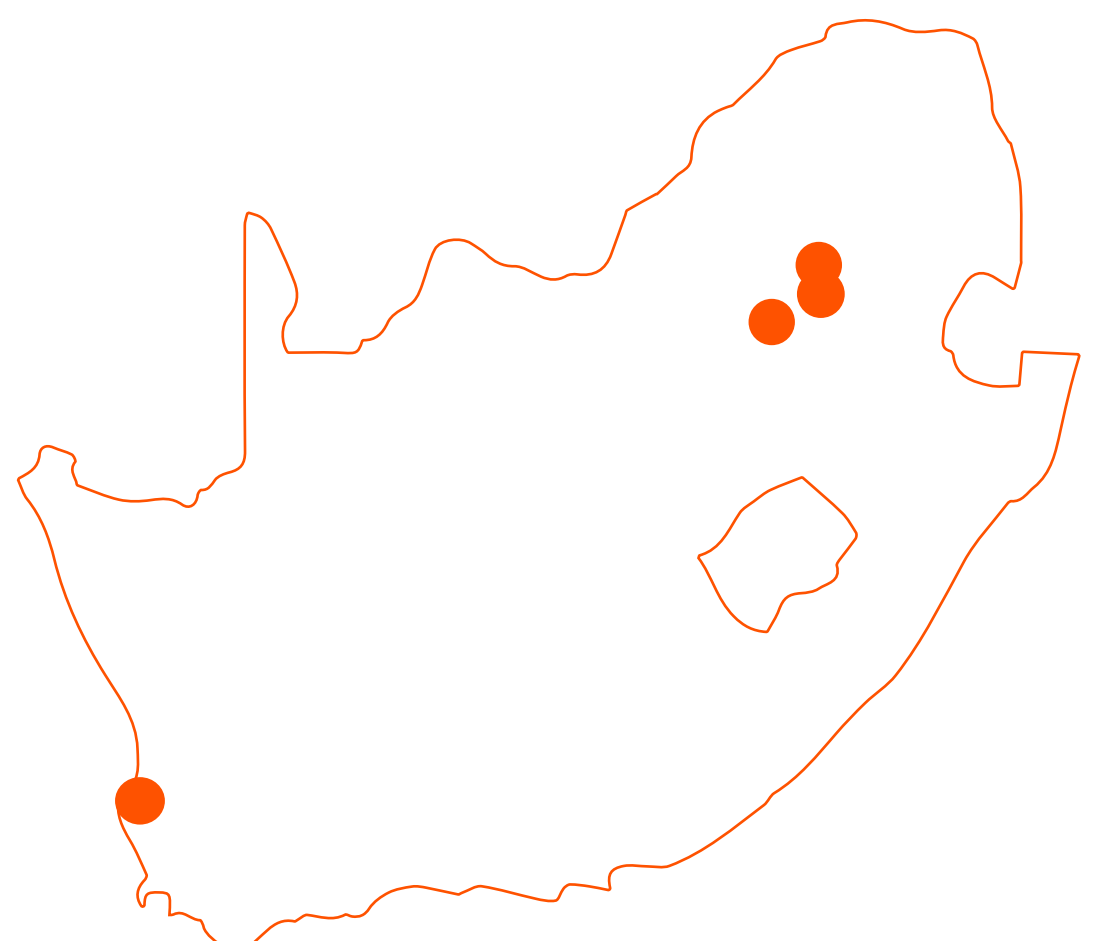

Our Locations.

Pretoria East

Coming soon.

Johannesburg City Centre

Coming soon.

Cape Town

Coming Soon.

Samrand

Our flagship data centre, strategically located in Samrand, provides robust infrastructure and connectivity for critical operations.

Location: Conveniently positioned near major highways, airports, and fibre routes, ensuring easy access and optimal connectivity.

White space: Over 2,400 square meters of white space with a total capacity of 4,500 racks.

Connectivity: Carrier-neutral and open access network with diverse fibre and wireless connectivity mast services, premium WISP backhaul options, a Meet Me room/Carrier Hotel facility, and the DP-IC (Digital Parks Interconnect).

Power: Equipped with high power density per rack, backed by 2(N+1) power resilience, advanced UPS systems, and a 72-hour minimum fuel capacity. PUE of 1.5 guaranteed.

Cooling: Dual Circuit Cooling with Direct Expansion and Chilled Water systems offering N+1 redundancy, a PUE of 1.5, and filtered Free Air Cooling for optimal efficiency and eco-friendliness.

HVAC: Designed with advanced HVAC systems for precise temperature and humidity control, conforming to ASHRAE standards.

Fire system: Uses a Dual VESDA early smoke detection system paired with IG-541 fire suppression for comprehensive fire protection.

Security: 24/7 onsite security, CCTV, electric perimeter fencing, vehicle trap, NOC-managed, pre-authorisation for access, and biometric access control.

Monitoring: 24/7 real-time monitoring and management of environmental, power, and security systems through on-site and off-site NOC monitoring and management.

Certification: Uptime Tier III design ready, ISO 27001:2022 and ISO 9001:2015 Certified, with PCI-DSS readiness available.

Neutral workspace: Neutral customer spaces include staging/storage areas, meeting rooms, hot desks, and boardrooms.

Our Future Plans

Cooling Innovation

We plan on implementing triple-redundant (N+2) cooling for maximum reliability and efficiency, while exploring liquid cooling for superior heat dissipation in high-density environments and reduced energy use. We further plan on enhancing cooling efficiency, minimising environmental impact, and maintaining optimal performance during peak demand.

AI-Optimised Infrastructure

We plan on providing scalable, secure, and flexible data centre designs tailored for AI-driven applications, ensuring seamless cloud integration and advanced cooling.

Site Expansion

Our Samrand facility is continuously growing, and will soon boast a brand-new 3-floor building adjacent to the current building.

Location Expansion

We are developing new colocation sites in Cape Town, Tswane, and Johannesburg to enhance capacity, connectivity, and operational resilience across South Africa.

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