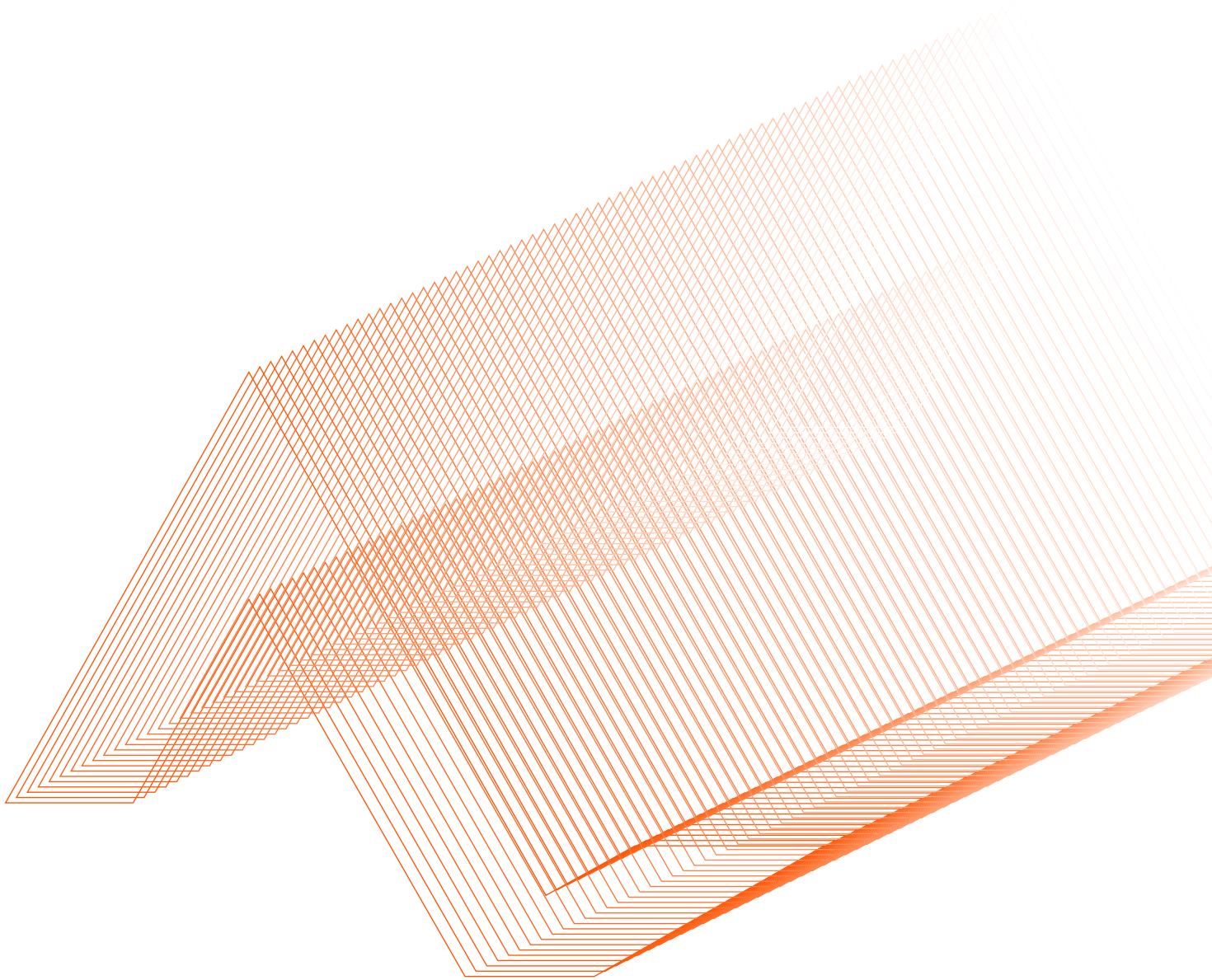# Technical Sheet
Digital Parks Africa, Samrand.

Your Data, Your Way, Always On.

Centrally located between Johannesburg and Pretoria, the Samrand Facility is the flagship data centre of Digital Parks Africa (DPA). Positioned in a major technological corridor, this Uptime Tier III design-ready facility is built to support Africa's growing digital needs with advanced infrastructure and scalable solutions.

Samrand

At Samrand, we offer best-in-class data centre services tailored to businesses of all sizes, democratising digital infrastructure. Our facility is carrier-neutral, allowing unrestricted interconnectivity between various network providers, carriers, and customers. This open-access network fosters a competitive environment that enhances service quality, making it an ideal choice for businesses seeking a secure, flexible, and high-availability environment for their ICT infrastructure.

Facility Specifications.

Location: Samrand, Gauteng, South Africa.

Capacity: Over 2,400m² of white space with a total of 4,500 racks.

Power Density: Up to 15kW per rack and more.

Cooling System: Dual circuit (DX and Chilled Water).

Resilience: Concurrently maintainable with 2N resilience with 45MVA; Energy Centre 1: 18MVA.

PUE: 1.5 guaranteed.

ISO Certifications: ISO 27001:2022, ISO 9001:2015.

Security: 24/7 on-site security, CCTV, biometric access, electric perimeter fencing.

Connectivity: INX-ZA peering, carrier-neutral, fibre & copper structured cabling.

Support: 24/7 'Remote Hands' availability.

Why Choose Samrand?

Peace of Mind
With 99.982% uptime and advanced fault tolerance, your critical infrastructure is always available.

Reliable Power and Cooling
High-density power options and versatile cooling systems ensure your equipment operates without interruption.

Seamless Scaling
Confidently expand as your business grows with our flexible colocation options and scalable architecture.

Carrier-Neutral Connectivity
Enjoy the freedom to connect with multiple network providers, giving you control over your connectivity solutions.

Features.

Power

Backup Power

Flexible power density up to 15kW+ per rack.

Concurrently maintainable with 2N resilience.

Advanced double conversion UPS systems with battery backup.
72-hour fuel generator run-time included in your contract.

Utility Power

Essential supply on medium voltage.

Connectivity

Network: Carrier-neutral and open access.

Options: INX-ZA peering, and NAP exchange point, diverse fibre and copper cabling, Meet Me room/Carrier Hotel facility.

Additional: Multiple dark fibre, NLD options, high-quality international breakout, premium WISP backhaul.

Cooling

Systems: Dual circuit cooling (Direct Expansion and Chilled Water).

Efficiency: PUE of 1.5 guaranteed.

Features: Hot and cold aisle containment, real-time environment monitoring.

Fire Control

Systems: Dual Very Early Smoke Detection Apparatus (VESDA) and IG-541 Fire Suppression System.

Features.

Governance, Risk, and Compliance

Certifications: ISO 27001:2022, ISO 9001:2015, PCI-DSS Ready (optional per customer requirements).

Compliance: HSE compliant, B-BEEE Level 4.

Security

Measures: 24/7 onsite security, biometric access control, full CCTV coverage (stored for 90 days).

Additional: Electric perimeter fencing, vehicle trap, secure tenant delivery area.

Support

Services: 24/7 remote hands, routine maintenance, comprehensive remote monitoring and management.

Support Team: Highly trained technicians.

Scalable Infrastructure

Design: Hybrid modular and brick-and-mortar.

Capacity: Over 2,400m² with a total capacity of 4,500 racks.

Customisable White Space

Features: Exclusive white space areas and segmented pods for enhanced security and operational efficiency.