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DATA CENTRES

The OADC EDGE Environment
Managing mission-critical data at the edge

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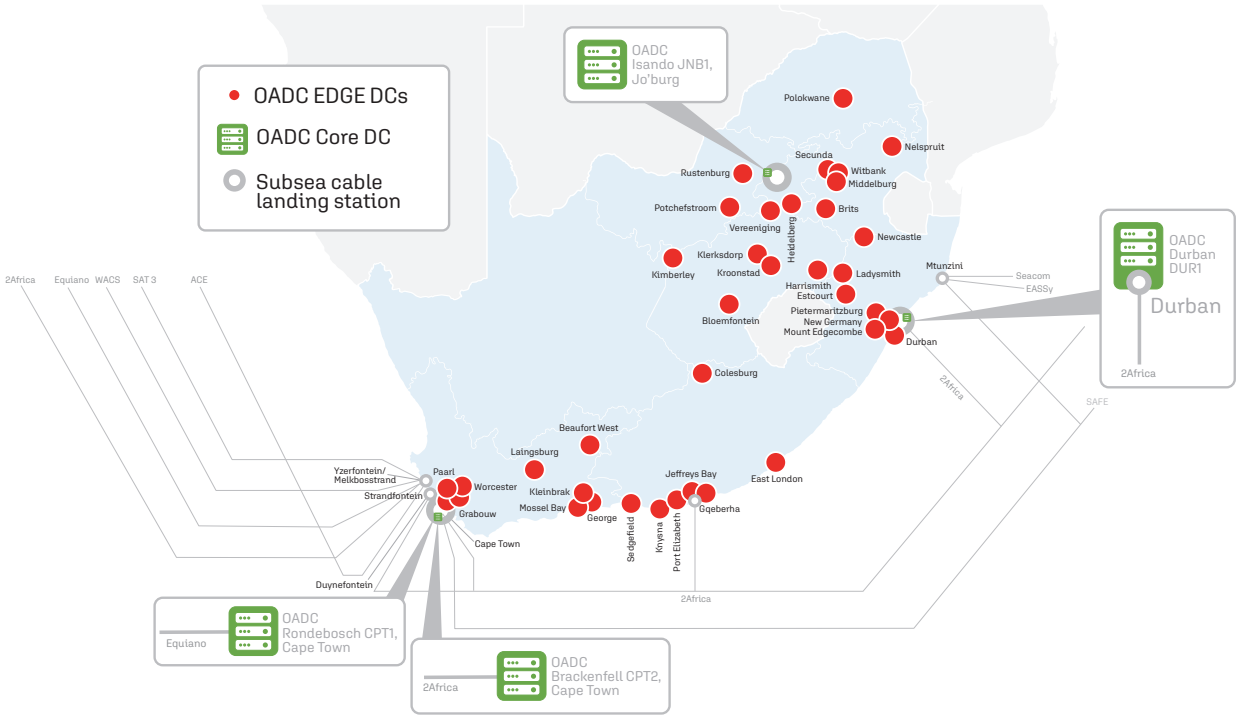
OADC EDGE data centre locations - South Africa



Delivering Africa's EDGE

We are building Africa's edge data centre infrastructure, implementing a core-to-edge architecture supporting clients in delivering improved application performance by serving data, content and applications closer to end users.

OADC is establishing core data centres in major cities, and deploying a network of 50+ rack capable OADC EDGE data centres into major business and connectivity hubs throughout the country. Deployment of OADC EDGE will extend to more countries, starting with Nigeria, with further expansion plans to be shared as they are confirmed.

Bespoke solutions capability

- OADC EDGE data centre facilities optimise the seamless and cost-effective implementation of bespoke client requirements
- Our expert team provides the highest-quality support and guidance to efficiently identify, quantify and implement your standard and custom requirements

Advanced support for business decision-making

- A range of real-time and historical environmental, performance and financial data is tracked and made available for secure online access by a controlled set of your employees

Sustainability, energy efficiency and management

- Committed to minimising environmental impact through use of Green technologies and initiatives recognising sustainability in design, construction and operation
- We are also seeking ISO 9001, 14001, 27001, 45000, 50001; PCI-DSS accreditations, confirming our environmental and energy management credentials

Ultimate flexibility for your digital assets

- Our experts work with you in developing and deploying custom-designed, managed hosting solutions supporting your business needs now and into the future
- Advanced information systems delivering critical information to support your business decision-making
- State-of-the-art facilities are fully protected by uninterruptible power supplies (UPS), backup generators, climate controls, redundant network connectivity and 24/7/365 monitoring and security

Racks

Our EDGE data centres' racks are designed to accommodate your equipment and cables. Racks are available as single, half, and quarter racks, to meet your needs.

- Multiple, single, half and quarter racks to meet your growing colocation needs
- Each rack can be tailored to your specific requirements
- 'Warm Hands' technical support available

Specifications

- Standard rack: D1,200mm x W600mm
- Non-standard racks available, eg: D1,000mm x W800mm, D1,000mm x W600mm or any combination
- High-strength, lockable rack, ideal for holding multiple, rack-mountable servers
- Ventilated front and rear
- Standard power feed: 16 amps
- In-rack PDUs with multiple outlets and configurations to suit your equipment; metering of PDU or each outlet
- 24/7/365 access to your rack
- Bandwidth to suit your specific requirements
- In-house equipment and O/S support (optional)

Transforming digital Africa

OADC EDGE, our open-access and carrier neutral edge DC infrastructure, is the first to be deployed on the continent, integrating hyperscale network connectivity with storage and application hosting in edge locations – initially rolling out in South Africa.

Benefits for clients are enormous, particularly where large volumes of critical data need to be backed up or processed locally before being forwarded to larger, regional facilities, and where end-user experience can be enhanced by minimising latency.

Key Benefits

- Strategically located on core network routes, seamlessly interlinked over protected, high-speed (100Gbps+) network connections, keeping key data close to where it is generated/consumed
- Rapid deployment, utilising existing buildings and external modules as appropriate, supporting scaling on-demand and service delivery into locations unsuited to traditional data centre builds
- Capex & Opex costs minimised
- Underpins deployment of distributed workload applications and servicing of low-latency requirements eg 5G, IoT, content delivery
- Secure locations with assured power supply
- Pan-African expansion roadmap

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