datacentrix

Operational Technology

Advisory Services

Confidential
This document is confidential and intended for the use of the distribution parties only. Any copying or dissemination of this document is strictly prohibited.
© 2026 Datacentrix (Pty) Ltd

At Datacentrix, our operational technology (OT) advisory services help industrial organisations secure and optimise their environments by prioritising operational resilience, regulatory compliance and uninterrupted production. From Zero Trust security and IEC 62443 alignment to real-time analytics and disaster recovery, we transform operational technology into a resilient, data-driven asset. Unlock visibility, reduce risk and drive efficiency across your industrial operations with a future-ready OT strategy.

1. Secure: Fortifying the Industrial Edge

Security in an OT environment is not just about data protection; it is about operational resilience. While IT prioritises confidentiality, we prioritise the availability of the physical process. The Datacentrix security framework creates a "protective bubble" around critical control systems.

- **Zero Trust access control:** Datacentrix implements granular identity management so that only verified personnel can interact with specific programmable logic controllers (PLCs) or human-machine interfaces (HMIs).
- **End-to-end encryption:** We secure data in transit from the sensor level to the edge gateway and into the cloud, ensuring that commands cannot be intercepted or spoofed.
- **Micro segmentation:** By isolating network segments, we prevent lateral movement, ensuring that a breach in the office network cannot jump to the production floor.

2. Compliant: Mastering the Regulatory Landscape

Navigating global standards like IEC 62443 or NIST can be daunting. Datacentrix transforms compliance from a "box-ticking" exercise into a strategic advantage that simplifies audits and proves your commitment to global safety standards.

- **Standard alignment:** We map your existing infrastructure against the IEC 62443 framework, identifying specific gaps in technical and procedural controls.
- **Audit-ready reporting:** Our automated asset inventory and vulnerability logging provide a real-time "paper trail" for regulators and insurance providers.
- **Governance frameworks:** We help develop a cyber security management system (CSMS) that defines clear roles, responsibilities and incident response protocols for your organisation.

3. Resilient: Ensuring Uninterrupted Operations

In the OT world, downtime is the ultimate enemy. A resilient system is one that can withstand hardware failures, human error and cyber incidents without stopping production.

- **Proactive remediation:** By identifying vulnerabilities before they are exploited, we move your maintenance strategy from "reactive" to "preventative."
- **Disaster recovery for OT:** We implement robust backup and recovery solutions for industrial configurations, allowing you to restore a production line in minutes rather than days.
- **Secure remote access:** We provide engineers and third-party vendors with secure, monitored pathways to perform maintenance, reducing the need for physical site visits while maintaining total oversight.

4. Data Centric: Turning Signals into Strategy

Operational data is often "trapped" in legacy silos. Datacentrix unlocks this data to provide a "single source of truth," allowing you to move beyond basic monitoring into the realm of predictive intelligence.

- **Real-time analytics:** We bridge the IT/OT gap to feed raw operational data into high-level dashboards, providing visibility into overall equipment effectiveness (OEE) and energy consumption.
- **Interoperability:** We ensure that your legacy equipment communicates seamlessly with modern enterprise resource planning (ERP) and cloud platforms, removing vendor lock-in and "data islands."
- **Informed decision making:** By providing context to your data, we empower leadership to make capital expenditure and operational decisions based on actual performance metrics rather than estimates.

5. Optimise Your Operations

Contact our industrial OT specialists today to discuss how we can help unlock visibility, reduce risk and drive efficiency across your industrial operations with a future-ready OT strategy.

Email Karina Geyser, Business Unit Manager: Infrastructure Solutions and Operational Technology at Datacentrix on kgeyser@datacentrix.co.za.

6. National Contact Details

Corporate office
Tel: +27 87 741 5000

Corporate Park North
238 Roan Crescent, 1685
Old Pretoria Road, Midrand

PO Box 50722
Randjiesfontein
Midrand, 1683

Logistics centre
Tel: +27 12 657 5000

26 Landmarks Avenue
Kosmosdal, Extension 11
Samrand, Midrand

PO Box 50722
Randjiesfontein
Midrand, 1683

Coastal

Cape Town office
Tel: +27 21 529 0700

18 Oxbow Crescent
The Estuaries
Century City, 7441

PO Box 181
Century City
Cape Town, 7446

East London office
Tel: +27 43 705 8000

Suite 2, 11 Cavendish Road
Vincent
East London, 5217

PO Box 19066
Tecoma
East London, 5214

Gqeberha office
Tel: +27 41 391 0200

Southern Life Gardens
Ground Floor, Block B, 70 2nd Avenue
Newton Park, Gqeberha

PO Box 63657
Greenacres, 6057

Durban office
Tel: +27 31 389 0500

1st Floor, 30A The Boulevard
Dawncliffe, Westville
Durban, 3629

PO Box 1645
Westville, Durban, 3630

Middle East

Doha office
Tel: +974 4007 1793

Eighteen Tower
Zone 69, Street 303, Building 230
19th Floor, Office 1972
Lusail, Doha, Qatar
PO Box 23107

Rest of Africa

Datacentrix deploys technologies and provides support services to customers across 45 countries in the rest of Africa.

www.datacentrix.co.za