

ITOT Holdings (Pty) Ltd

Profile

Reg No : 2013/015204/07



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OVERVIEW

ITOT Holdings (PTY) LTD - ITOT is a 100% black owned electrical and automation engineering company in South Africa. We are a registered AVEVA Systems Integrator partner. We bring together the skills of a qualified team of experts with products and services from the world's leading technology vendors to deliver innovative digital solutions that help our clients to maintain a solid smart electrical network. We deliver our solutions using products from the world's leading energy vendors which include AVEVA's Official Distributor in Sub-Saharan Africa **Industry Software, Solutions & Support (IS³) and Schneider Electric/AVEVA**. Over and above the smart grid solutions, we also provide a range of specialized energy engineering services.

IT/OT Consulting and Implementation

Our team has vast experience in IT/OT implementation and we offer the following:

- Project Management
- IT/OT Solution Integration
- Business Process Management
- Schneider Electric/AVEVA - ADMS/OMS/SCADA/APM
- Enterprise Historian Systems - Wonderware EDNA Historian
- Pipeline Historian & SCADA
- Predictive Maintenance, Mobile Operator Rounds Solutions
- Operator Training Simulations
- Advance Process Control & MES Systems
- Unified & Remote Operation Centre
- IOT and Cloud Solutions
- Protection/Power Systems

Skills

- Historian Systems Integrators
- ADMS/OMS Engineers/Developers
- SCADA Systems Integrators
- Asset Performance Management Engineers/Developers
- Assets Management System

Electrical Engineering Services

Our services include the following:

- System and facility review and planning
- Site selection, planning and permitting
- Preliminary conceptual layout and design
- Project schedules and creating budgetary/firm estimates
- Detailed specification for material, equipment and construction
- SCADA and communications design, integration and testing
- Protection Relays design and logics programming
- Metering system design and Tests
- Installation and Commissioning
- Protection Relay Settings Testing
- Secondary and Primary Injection Tests
- Relays Parameter Settings Testing
- Substation project construction management
- Project record "as-built" documentation

General Electrical Infrastructure

We offer Engineering, Procurement and Construction/Installation of general electrical equipment in industrial plants and commercial building. This includes the following:

- Lighting and Small Power
- Standby Generators
- Earthing and Lighting Protection
- Access Controls and Security Systems
- HVAC
- Assessment of Electrical Infrastructure and making Recommendations maybe include (Protection and Control Panels and Switchgear panels installation and commissioning since it's our vision)

Achievements

ITOT is a partner to IS³, AVEVA's Official Distributor in Sub-Saharan Africa on Wonderware Enterprise Historian and Prism Predictive Software Implementation and Support at **Eskom**.

ITOT is a partner to Proconics in upgrading of HMI in Kendal power station.

Conclusion

ITOT is the best positioned solid black smart grid and energy engineering company with a solid skills base to delivery on critical projects within the energy and water and sanitation space in South Africa.

AVEVA Solutions

