

COMPANY PROFILE

ABOUT US

IRITRON is a black economic empowered technology company providing quality solutions in the fields of electrical, instrumentation and control systems engineering, systems integration and simulation.

Established as a new millennium company in January 2000, IRITRON has an in-depth understanding of the domains and cultures of our clients with a proven ability to manage projects efficiently and with high quality results.

IRITRON's extensive engineering expertise and substantial local and international engineering exposure has a proven industry track record in Mining, Metals, Cement & Aggregates, Mineral Processing and Utilities, including Power, Energy, Water and Waste Water.

WE OFFER

- ▶ A wide range of project services delivery models, including turnkey, EPCM and single phase project segments.
- ▶ Electrical, instrumentation and control system engineering, design and consulting services.
- ▶ Structured projects, executed as per the International Society of Automation (ISA) and SABS ISO 9001-2015 methodology.
- ▶ Process simulation enabling rapid implementation and a faster return on investments.
- ▶ Plant automation audits. After sales service and support contracts.

OUR EXPERTISE

IRITRON applies a suite of tools and technologies to optimally address the customer's specific requirements. Based on ISA Standards and our quality methodologies, the following project phases are defined: tendering & contract preparation, preliminary design, engineering & detailed design, programming, manufacturing, acceptance testing, installation, commissioning, hand-over and optimisation.

During these project phases IRITRON emphasises project management, design reviews, quality control and configuration management. Our experience, linked to a sound fundamental understanding of processes, mathematics, networks, hardware and software applications, ensures viable and valid solutions.



Control Systems Engineering & Systems Development

Control Systems Engineering
DCS / PLC / SCADA Systems
Advanced Process Control
Process Simulation
Digitisation



Manufacture & Construction

Members of ESASA
Custom Panels Manufacturer
MCC Manufacturer
Construction Installation Management



Electrical & Instrumentation Engineering

ISA & IEEE Project Methodology
DIN EN ISO 9001:2015 compliant
Design Based Tools
MV / LV Electrical Engineering
Instrument Engineering



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