



TAG Automations and Controls Ltd

Bringing to you the best solutions.....

Profile





WHO WE ARE

At TAG Automations, we are passionate about transforming industries through intelligent automation. With years of experience, a commitment to innovation, and a team of highly skilled professionals, we deliver solutions that are both reliable and scalable.

Whether you're looking to improve efficiency, safety, or process control, we work closely with you to tailor systems that meet your unique needs.



WHAT WE OFFER

Specialized engineering for industrial process control, instrumentation, and system integration



Control Panel Design

System Integration

SCADA Design

Marine Automation

HMI Programming

Data Center Solutions

PLC Programming

Procurement

Remote Monitoring

Electrical Panel Design

Professional Training

General Automations & Electrical Services



TRUSTED BY INDUSTRY LEADERS

Delivering automation excellence to Africa's most demanding industrial operations.



CocaCola



2 Sure Nigeria



Hypo Home Care



SevenUp Bottling
Company



Nigeria Distilleries
Limited



Olam Nigeria



GB Foods Nigeria



Perfetti Nigeria



Selected Projects



Power Management System Integration (SIGP Project) – Gas Processing Plant

We delivered a comprehensive Power Management System (PMS) integration for a gas processing facility comprising 7 × 1270 kW, 3.3 kV gas generator units.

The project involved integration of:

- Generator Control Panels (GCP) with Woodward controllers, protection relays, and AVR systems
- Main Control Panel (MCP) with Siemens S7-1500H redundant PLC architecture for high availability
- Bus synchronization systems and load management control
- SCADA integration using Schneider Electric EcoStruxure Power SCADA Operation (PSO)

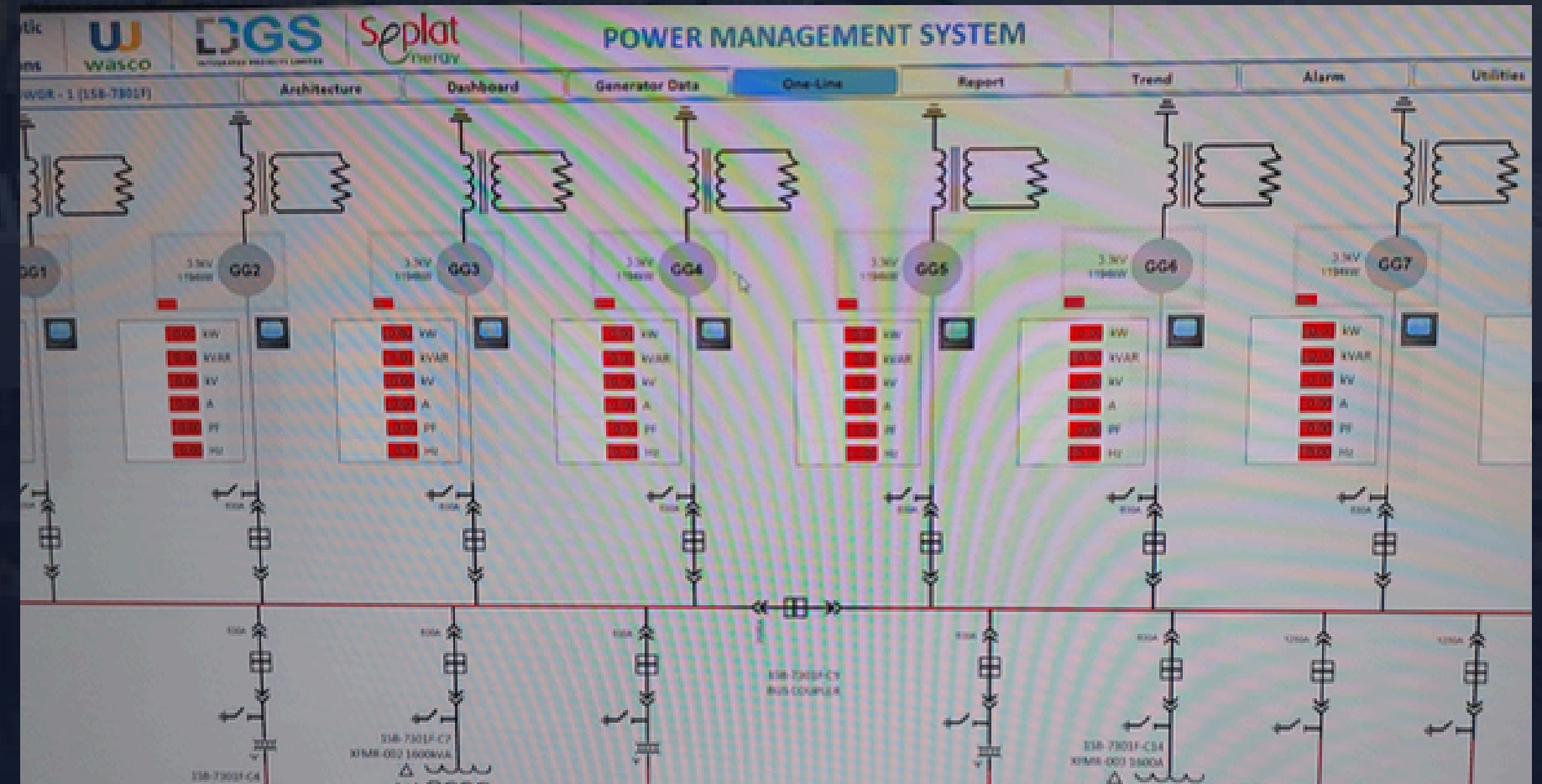
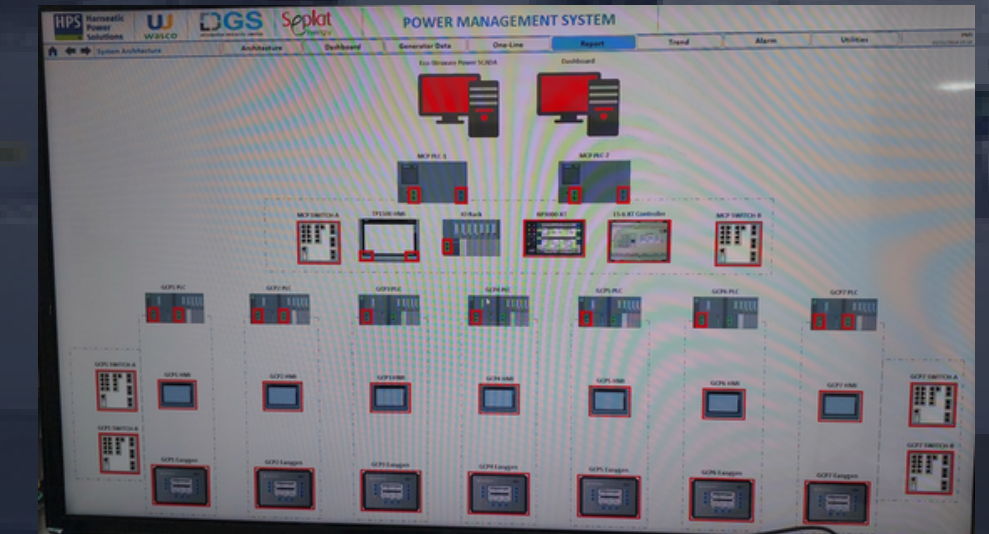
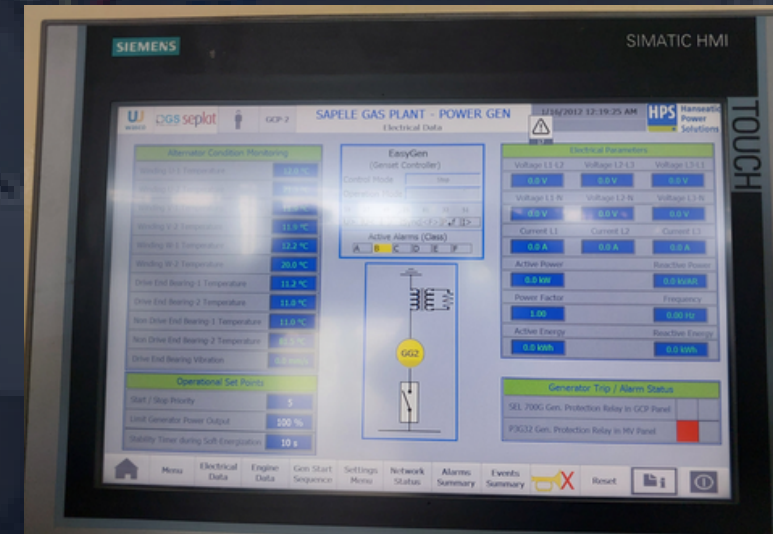


Power Management System Integration (SIGP Project) – Gas Processing Plant

Selected Projects

We also integrated IEDs, MV/LV VFDs, and power meters via industrial networks, enabling centralized monitoring, synchronization, load sharing, and system protection.

This project highlights our strength in high-availability systems, power system automation, and complex multi-vendor integration.





General view

Selected Projects

VFD Upgrade & Conveyor Automation Optimization – Cement Plant

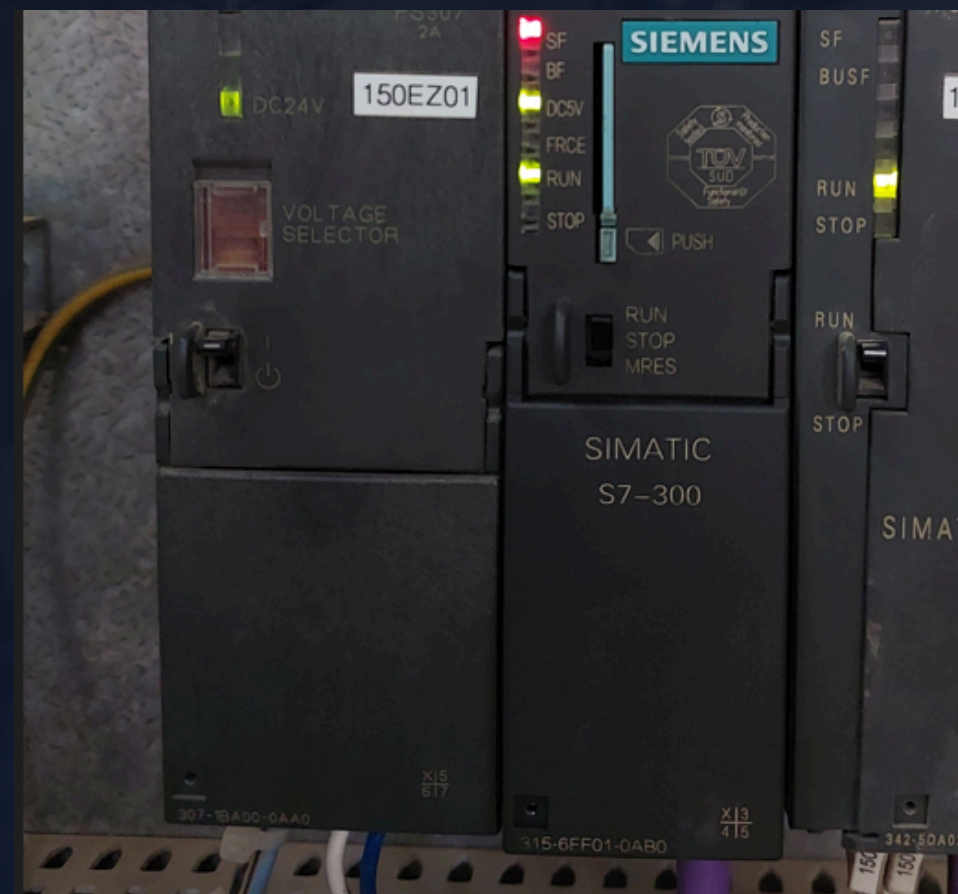
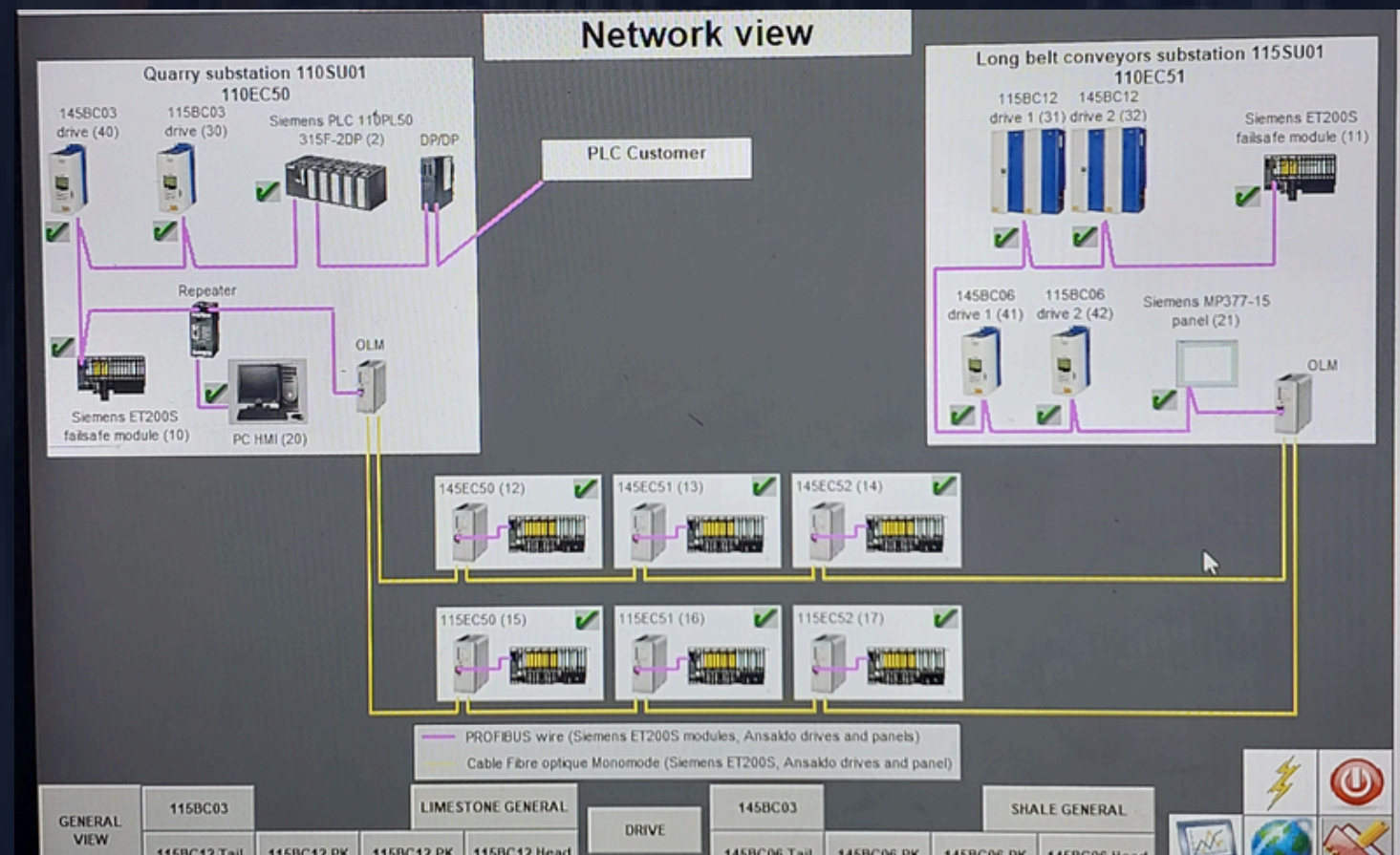
We successfully delivered the decommissioning, relocation, and recommissioning of a complete production line, including full automation reinstallation, reconnection, and retermination.



VFD Upgrade & Conveyor Automation Optimization

Selected
Projects

The project covered blow moulding, filling systems, process units, storage tanks, capping, and packaging lines, with seamless PLC, HMI, and SCADA reintegration, I/O validation, and commissioning—resulting in a fully optimized and operational system





Selected Projects



Production Line Relocation & Automation Recommissioning

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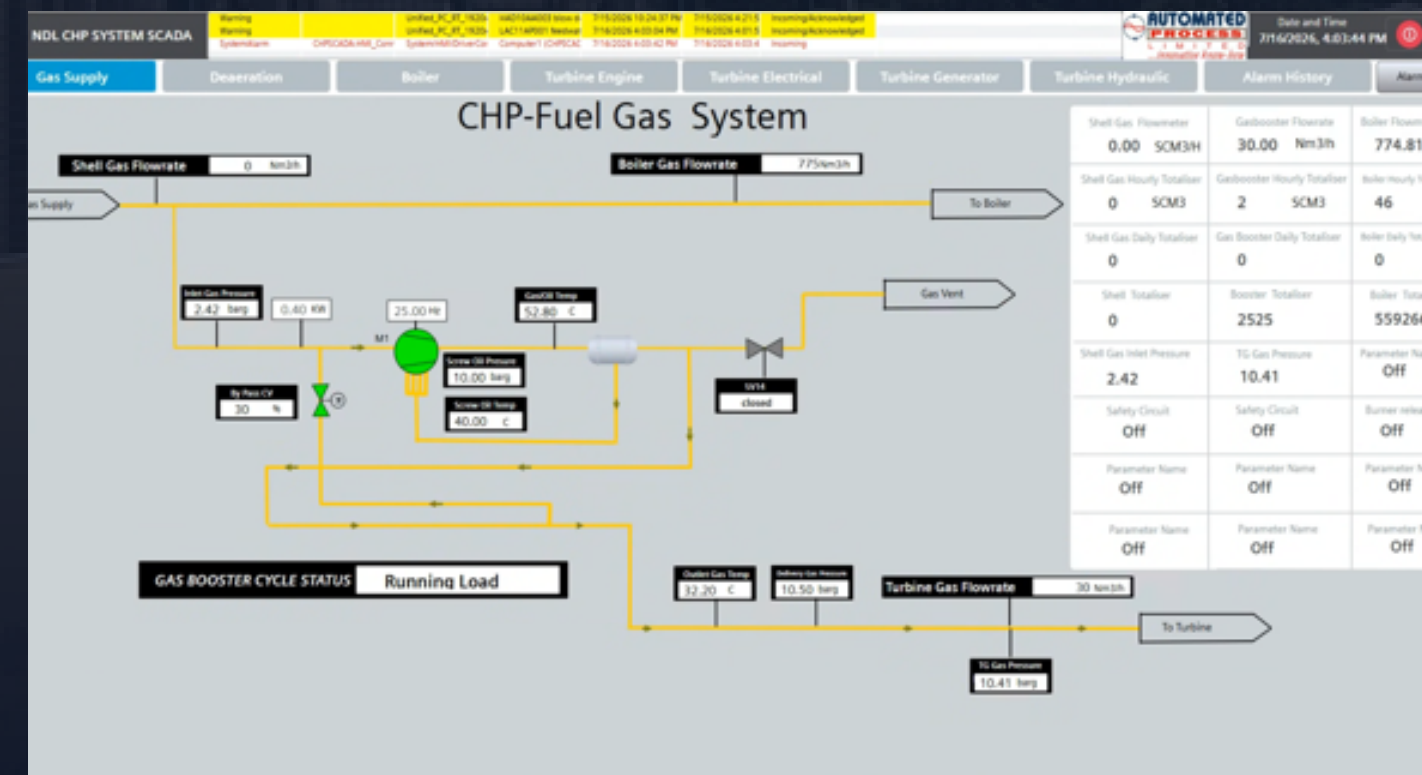
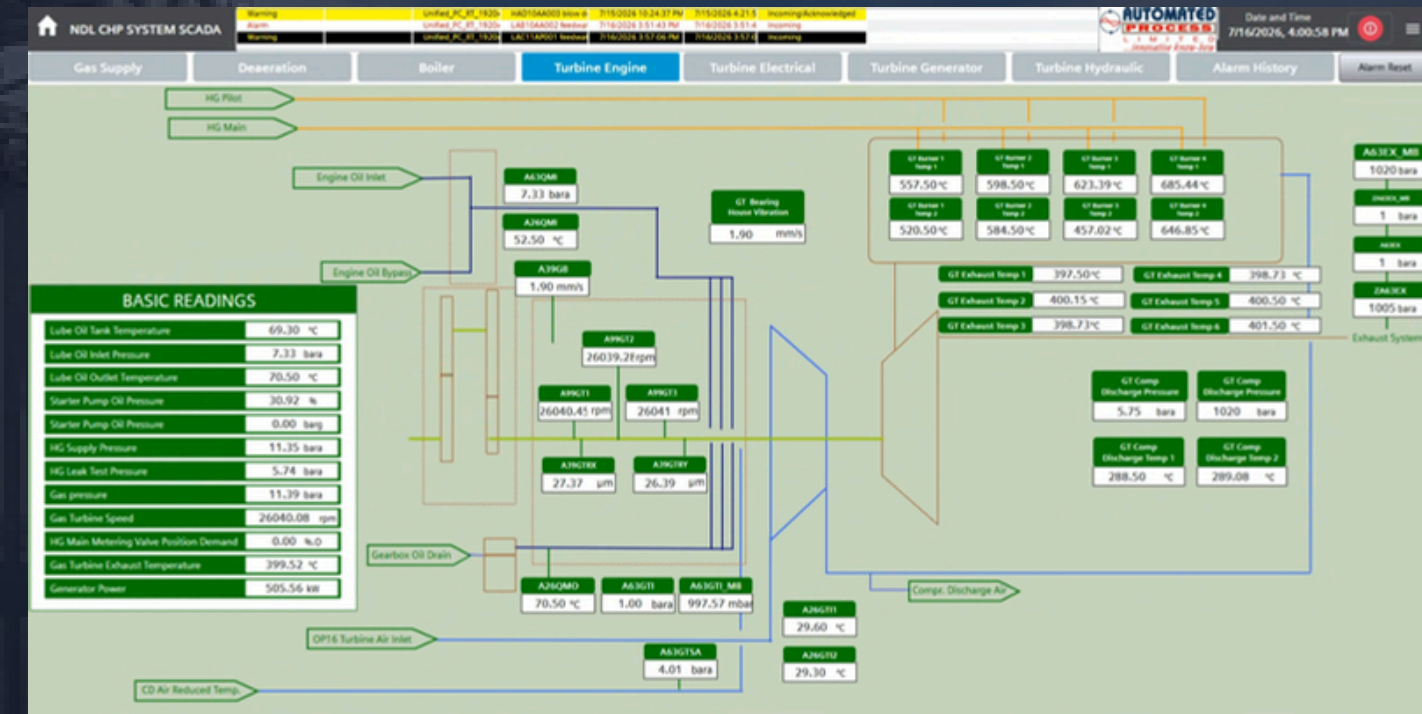


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NBC CHALLAWA BOREHOLE

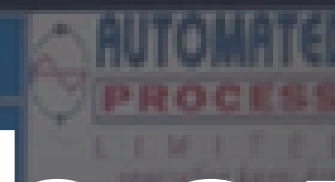


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OVERVIEW SCREEN

Other Projects



Water Borehole System Upgrade & Automation

We upgraded a legacy control system to a Siemens TIA Portal-based PLC platform for the control and monitoring of multiple boreholes and water distribution systems.

The solution included process instrumentation integration (level, pressure, flow, turbidity, conductivity) and deployment of an HMI interface for real-time monitoring and alarm handling, improving operational reliability and control.





Contact

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