

Stelmec launches **“Stelmec Spectra Smart SCADA Solution”** for Supervisory Real Time Monitoring & Control of Power System in various applications to prevent breakdown and reduce downtime.

It is the state of art SCADA solution to cater to the needs of customers.



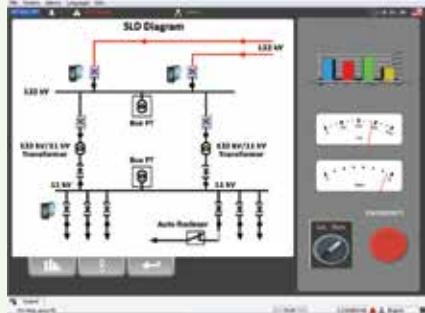
### Salient Features

- Multilingual
- Multi-application
- Amazing Soft Logic Engine
- Asset Management
- Equipment Monitoring
- Redundancy
- Fail Proof Systems
- Remote Real Time Video Capture (IP Camera)
- Cyber Security Feature
- Web Ready (Windows, Linux, Mac)
- Mobile Ready (Android, IOS, Blackberry)
- Environment Monitoring
- CCTV, Biometric Capture
- GIS Map Integration
- IT Hardware and Network Monitoring
- Extensive Database Management and Open Database Support
- Multiprotocol Integration Capability
  - ▶ IEC61850
  - ▶ IEC870-5-104
  - ▶ IEC870-5-103
  - ▶ DNP3.0
  - ▶ MODBUS RTU



### Application

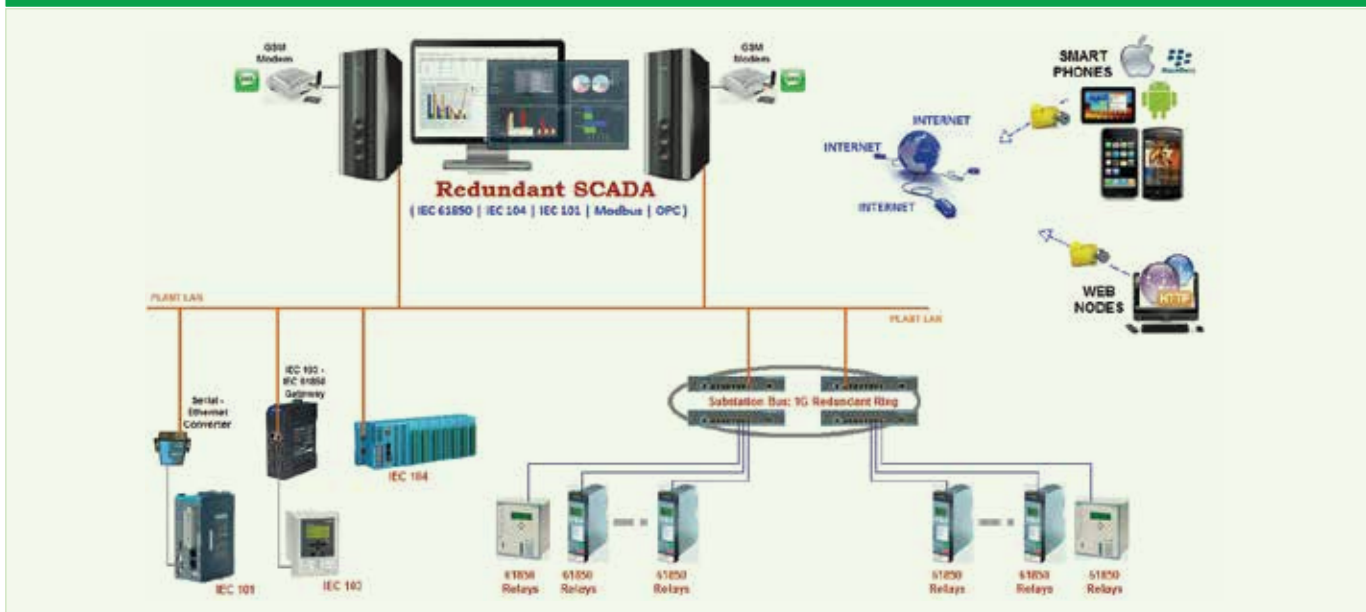
- Substations
- Solar
- Wind



## Key Functionalities Of The System

- Real time substation monitoring and control with display of single line diagram, individual bay monitoring, control and monitoring of station parameters/measured values
- Communication with third party IED and SCADA on various protocols
- Online Relay Parameterisation.
- Relay fault record extraction and Disturbance record evaluation.
- Online sequence of time tagged events (Source/System time stamp) printing and event file storing.
- User interface for input output mapping of Bay IED/protective relays.
- System security/Cyber security
- Centralised report Management.
- Data integration with any third party HMI, SQL or ERP (SAP) systems through ODBC connectivity.
- Time synchronisation through GPS (The Offered system is compatible to be synchronised with any third party GPS receiver).
- Bay level time stamping and events with 1 ms time resolution
- Emergency trip information to client owned mobile devices
- Cloud based functionalities available

## Typical Architecture



- There is continuous effort at Stelmec to keep abreast of latest technology in line with customers' requirements and hence the product specifications are subject to change.
- Products described in this catalogue are manufactured and supplied according to Certified Management System ISO 9001:2015.