

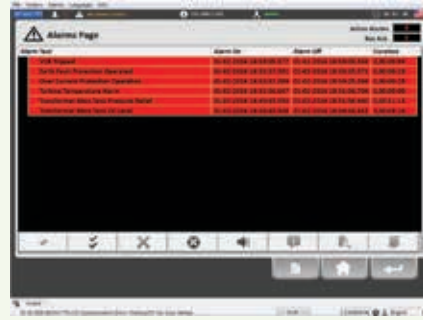
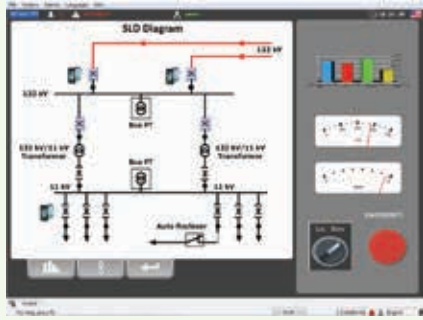
In the field of smart grid & power system automation, Stelmec launches the power of Supervisory Real Time Monitoring and Control of HIGH VALUE power systems in SUBSTATIONS/SOLAR/WIND applications with “STELMEC SPECTRA SMART SCADA SOLUTION” to prevent breakdown and reduce downtime. Stelmec is launching the state of the 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
  - ▶ IEC870-5-103
  - ▶ MODBUS RTU
  - ▶ IEC870-5-104
  - ▶ DNP3.0

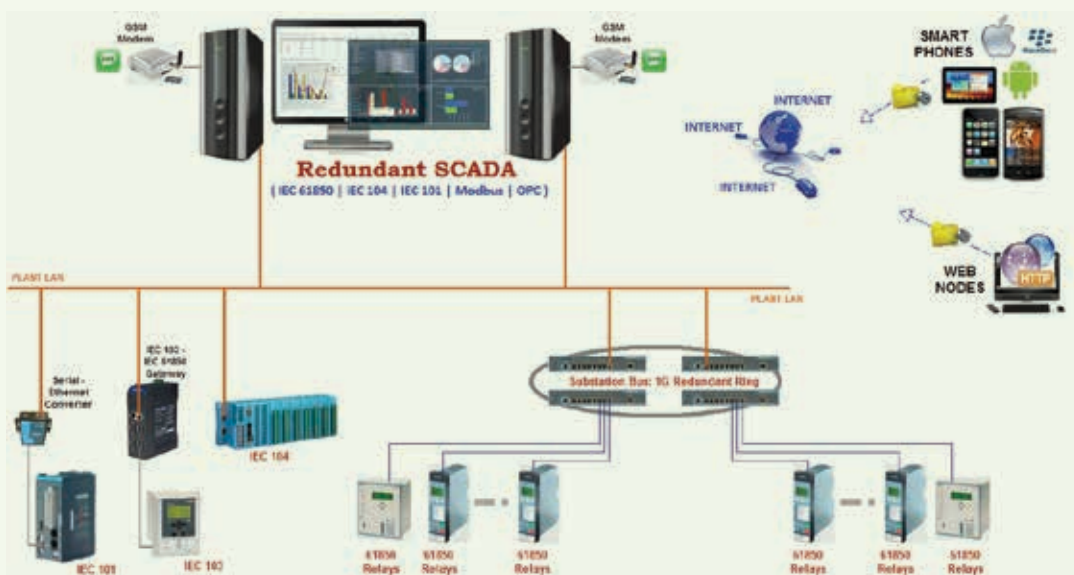




## Key Functionalities Of The System

- 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 1ms time resolution
- Emergency trip information to client owned mobile devices
- Cloud based functionalities available

## Typical Architecture



- There is a continuous effort at Stelmec to keep abreast of latest technology inline with customers' requirement.
- All these activities are followed as per ISO 9001 : 2008.