

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.

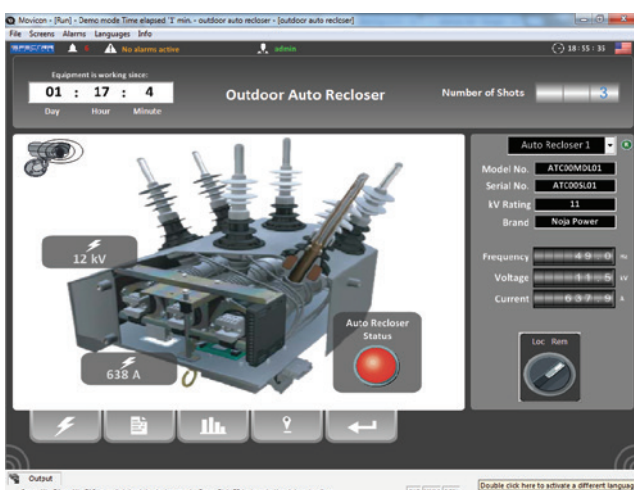
It is the state of art SCADA solution to cater to the needs of customers.

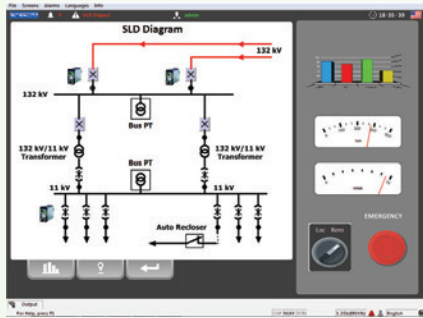
Salient Features

- 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 (future release)
 - ▶ MODBUS RTU

Application

- Substations
- Solar
- Wind
- Industry



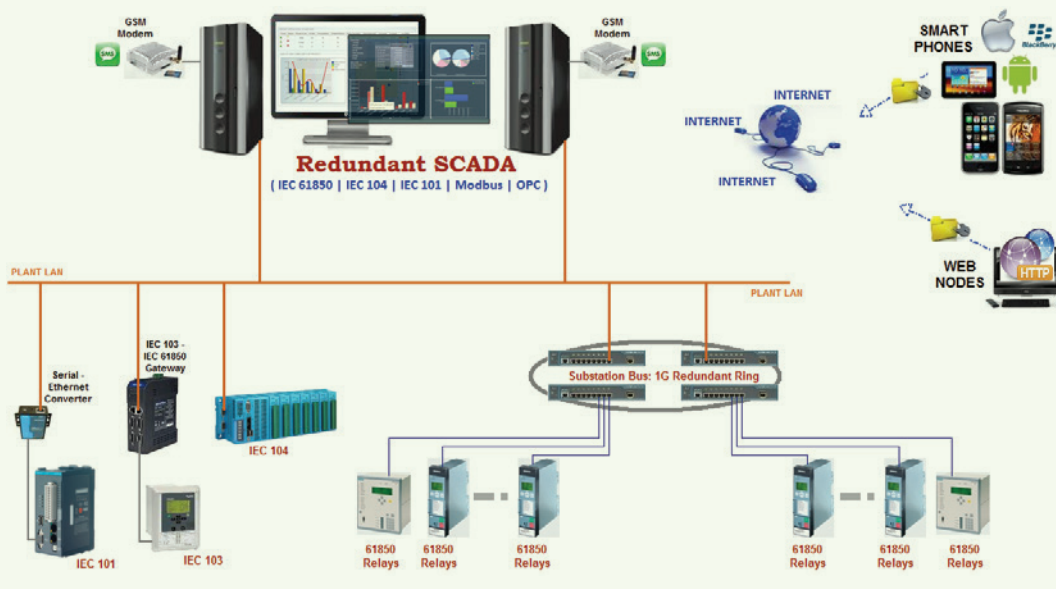


Alarm Test	Alarm On	Alarm Off	Duration
1000000000	01-02-2018 18:25:01.517	01-02-2018 18:25:10.100	00:00:08.583
Earth Fault Protection Operated	01-02-2018 18:52:07.881	01-02-2018 18:58:24.571	00:06:16.690
Over Current Protection Operated	01-02-2018 18:52:07.888	01-02-2018 18:58:24.588	00:06:16.700
Highline Maintenance Alarm	01-02-2018 18:51:04.841	01-02-2018 18:51:04.780	00:00:00.000
Transformer Main Tank Pressure Relief	01-02-2018 18:40:43.302	01-02-2018 18:51:04.402	00:10:11.100
Transformer Main Tank Oil Level	01-02-2018 18:40:43.448	01-02-2018 18:49:09.448	00:08:26.000

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 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 / Kernel Based End Point 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 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.