



ekorSYS units: protection,
telemangement & communication

Dispatching center

SCADA remote control and
management software

Reliable innovation. Personal solutions.

Preface

Real-time remote control and management software for remote control, local control and automation equipment in Transformer Substations.

Performance of planning, operation and analysis of Medium Voltage distribution systems functions.

Computer application-based, using a Dispatching Center with SCADA TEDIS function. PC operation with remote network management:

- » Production of lists and synoptics
- » Remote control and simulation of manual controls
- » History log of events and data analysis
- » Graphic display and export to exchange formats

The software adapts to future network extensions..

Most notable features:

- » Improved operational capability avoiding physical presence in substations
- » Reduction of disconnection time
- » Cost efficiency
- » Improvement of planning
- » Reduction of losses
- » Improved fault management
- » Improved consumption management



Characteristics

Functions

- Switchgear status
- Measurements
- Alarms
- History Logs
- Sending text messages
- Remote Terminal (auxiliary to main PC)
- Calser: service quality monitoring module (power supply interruptions)
- Logic and automatism

Communications

Physical medium

- GSM
- FO
- Radio

Protocols

- MODBUS
- IEC-60870-5-101
- IEC-60870-5-104



Applications

- » All types of remote controlled installations:
 - » Medium Voltage distribution networks
 - » Industry, hospitals and laboratories.
 - » Servers...
- » Monitoring the status of the network
- » Presentation of measurements
- » Management of remote and peripheral units

