

SOFREL OPC

OPC communication server



OPC (OLE for Process Control) is the protocol for data exchange between industrial software in a Windows environment. It is a standard software interface providing genuine communication openness thanks to the interoperability of the different manufacturers' hardware. The OPC standard thus frees users from the obstacles imposed by proprietary protocols.

LACROIX Sofrel has committed fully to this approach by offering SOFREL OPC: an OPC Server software package enabling supervisors with an «OPC client» interface to communicate with all SOFREL Remote Terminal Units.



SOFREL OPC: OPC communication server

► PRINCIPLE OF OPERATION

SUPERVISOR
"OPC client"
+
Server
SOFREL OPC



PSTN - GSM
Radio - DL/PL - Serial
Ethernet (LAN, ADSL
GPRS)

Network of SOFREL RTUs



S500 range



LS range



BOX range



S50 range

► FUNCTIONS

- Access to all data generated by the network of Remote Terminal Units:
 - current status values, alarms, measurements, metering
 - historical values and reports
 - operating parameters (time periods, etc.)
- Transmission of setpoints and operating parameters
- Dual access medium to each Remote Terminal Unit (backup medium in the event of malfunction of the main medium)
- Presentation of available services in the form of lists (browser).

► TECHNICAL DATA

- Capacities:
 - Up to 250 telemetry and SCADA RTUs
 - Up to 1000 District Metering RTUs
 - 8 communication ports
 - 1 Ethernet link
- Computer hardware:
 - PC microcomputer
 - Operating System: Windows XP or Vista
- Communication:
 - Ethernet (LAN, ADSL GPRS)
 - GSM Data and SMS
 - Public Switched Telephone Network (PSTN)
 - Radio
 - Dedicated or Private line (DL/PL)
 - Serial link

► COMPATIBILITY

With concerns for both performance and reliability, each supervisor with an «OPC client» interface is first validated. A list of validated supervisors is available on request, or from the technical area of the LACROIX Sofrel Web site: www.sofrel.com.



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