

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

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/LT range

TECHNICAL DATA

- Capacities:
 - Up to 500 telemetry and SCADA RTUs
 - Up to 2000 District Metering RTUs
 - 8 communication ports
 - 1 Ethernet link
- Computer hardware:
 - PC microcomputer
 - Operating System:
 - Windows Vista, Seven (32/64 bits)
 - Windows Server: 2003, 2008 (32/64 bits)
- Communication:
 - Ethernet (LAN, ADSL GPRS)
 - GSM Data and SMS
 - Public Switched Telephone Network (PSTN)
 - Radio
 - Dedicated or Private line (DL/PL)
 - Serial link

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).

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.lacroix-sofrel.com.



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