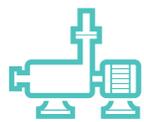


SOFREL YDRIX: smart RTU

FOR MONITORING AND AUTOMATION OF WATER FACILITIES



Pumping stations



Water Treatment Plant



Water tank



Waste Water Treatment Plant



Waste Water Lift Station



SIMPLIFIED REMOTE FACILITIES MANAGEMENT AND SECURED COMMUNICATION

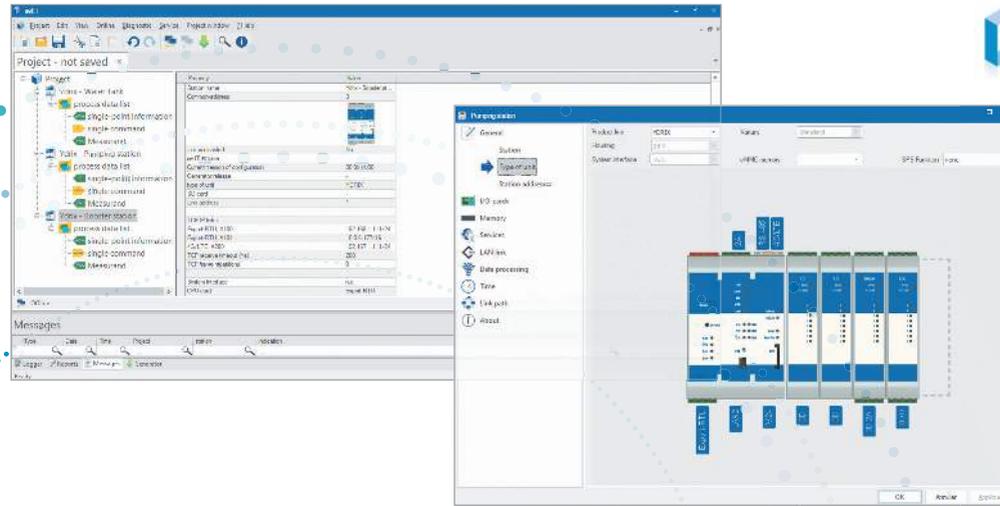
- ▶ Integrated 2G/3G/4G modem, Ethernet ports and VPN
- ▶ Cybersecurity
- ▶ Inter-sites M2M communication
- ▶ Communication media redundancy
- ▶ Dedicated Water use cases functions
- ▶ Integrated webserver
- ▶ DNP3 & IEC compliant

A RTU 100% DEDICATED TO WATER INDUSTRY

- 24/7 facilities remote control and management
- Automation functions from simple commands to process control
- Safe and reliable Inter-RTUs and SOFREL data loggers communication for remote facilities control
- Compliant with all SCADA

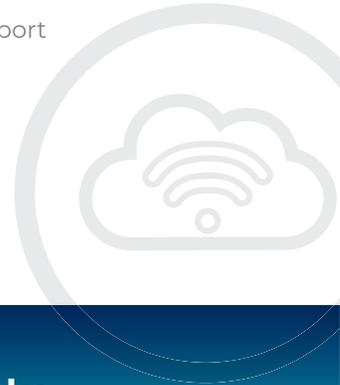


Smart software to save time in applications implementation



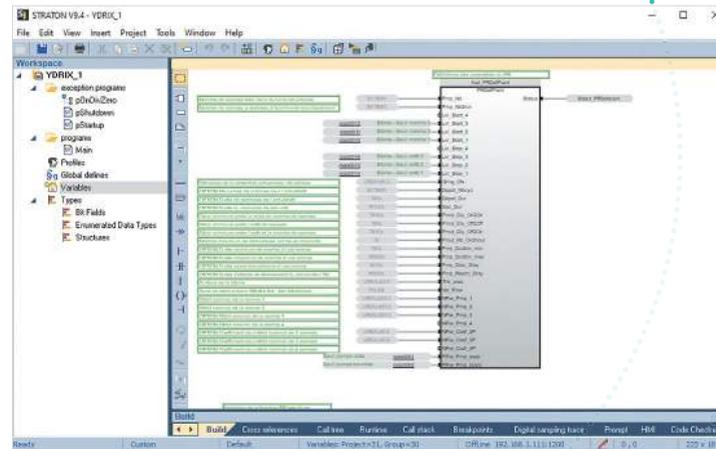
setIT: SIMPLIFIED EQUIPMENT CONFIGURATION SOFTWARE

- Product, I/O, protocols, communication configuration
- Load/save project
- CSV import/export



AUTOMATION WORKBENCH

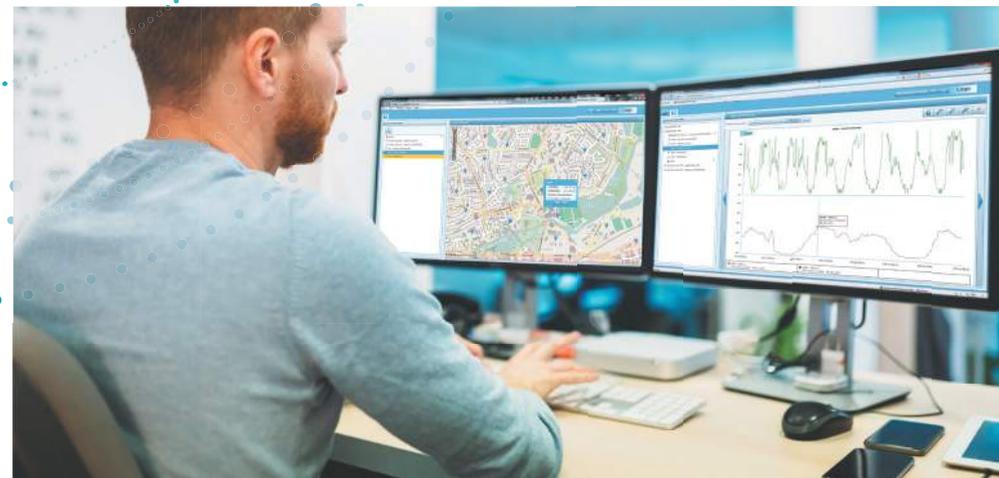
- Program languages: ST-Ladder-FBD-SFC (grafcet)
- Systems and water libraries: calculation, flowrate, PID, lifting station blocs...
- Tuning tools: Simulator, debugger, graphical analysis...



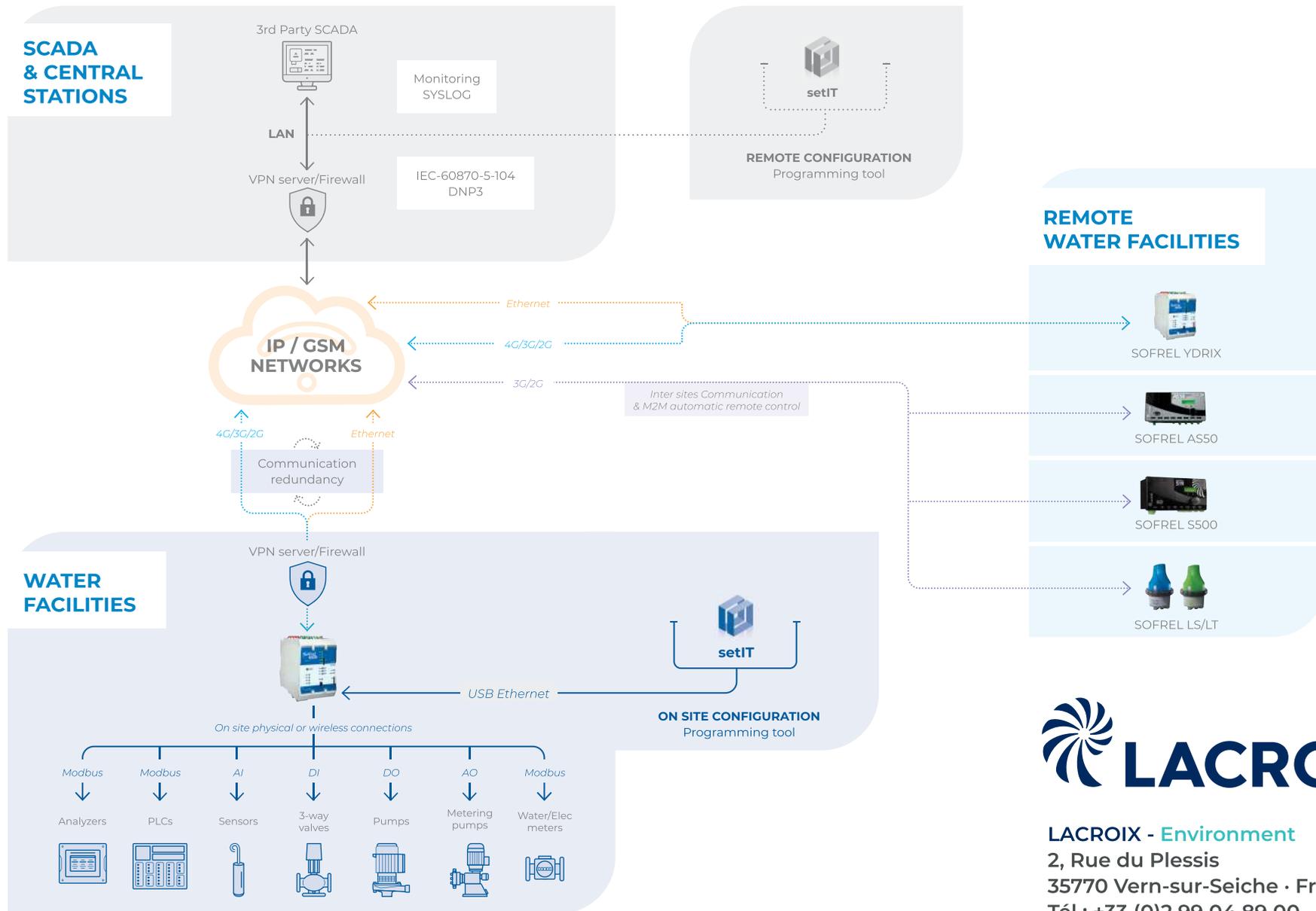
Water library blocks available (lift station, PID, flow rates...)

INTEGRATED WEB SERVER ON YDRIX SOFREL

- Station information
- Inputs & outputs status & settings
- System State
- Logs



Remote management network architecture



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