SOFREL PCWin2

SCADA Central Station

The SOFREL PCWin2 SCADA Central Station is the optimal solution for operating SOFREL networks. The functions and tools offered by the software have been developed with the constant aim of offering a simple and efficient solution to the needs of operators. Its HTML5 Man-Machine Interface allows it to be operated remotely from any type of terminal.
PCWin2 features a comprehensive range of functions, including:

- **Multi-terminal operation (PC, smartphones, tablets) via an HTML5 interface**
- **Self-configuration based on the parameters of the devices**
- **Curve plotting, graphical mimic diagrams**
- **Centralized alarm reporting via SMS/e-mail**
- **Automatic calculations (average flows, balances, formulas, etc.)**

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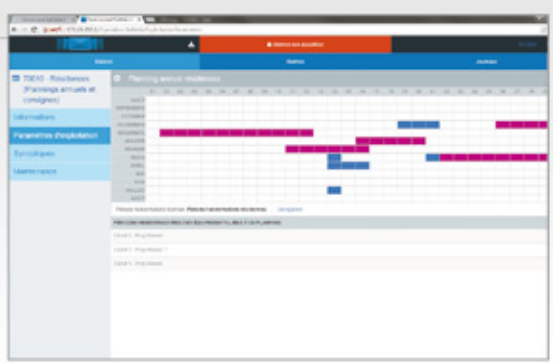
PCWin2: SCADA Central Station for SOFREL remote management networks

Communication with devices

- PCWin2 is compatible with SOFREL S500, LS/LT, Cellbox, Telbox, S50. The SOFREL PCCom communications box accepts PSTN, GSM, RD-RTU2 and DL-HF modem boards entirely designed and manufactured by LACROIX Sofrel. Which guarantees the robustness and durability of the solution.

Annual schedules of time programs

- Centralised schedule management
- Graphical annual programming (1 normal period, 25 exceptions)
- Automatic weekly transmission
- Ad hoc exceptions

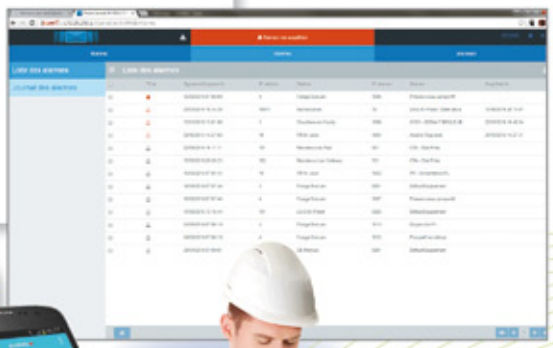


Alarm management, web viewing

Alarm and stand-by duty management

- PCWin2 centralizes, records and reports alarms issued by devices or internal calculations. Alarm reporting is based on:

  • Annual stand-by duty schedules
  • Weekly schedules of sequences of calls to recipients
  • Transmission of alarms in the form of SMS and/or e-mails
  • Activation of a buzzer on the PC
  • Recording of alarms, calls and acknowledgements



Mobile app

The Smart PCWin application enables:

- Alarm viewing and acknowledgement
- Viewing of current data statuses
- Setpoint positioning
- Poll triggering

Remote access via internet

An Ethernet,ADSL or 3G/4G connection is sufficient to operate these devices.

Operating stations

Users navigate via retractable banners and windows or graphical mimic diagrams. Only the elements assigned to the user's profile are displayed. The information available for viewing is chosen by the administrator when he creates the profiles.

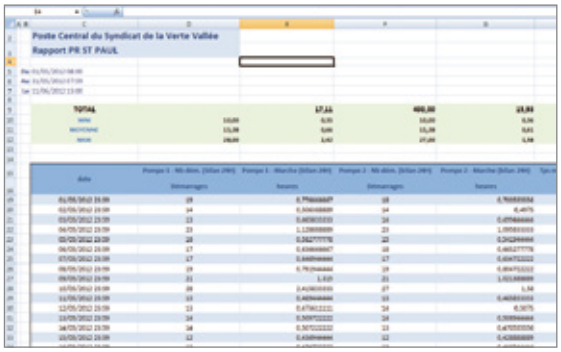
Data retrieval

Operating reports

The information archived by PCWin2 is automatically transferred to Excel workbooks benefiting de facto from the functional power of the spreadsheet (macros, formatting, graphs, etc.) for the presentation of operating reports.

- Periodic report generation (days, weeks, months)
- Insertion of line and column totals
- Automatic distribution by e-mail
- Preview function when designing reports

PCWin2 enables external central systems to access its data via an SQL opening.



Graphical animated mimic diagrams

Easy to use, graphical mimic diagrams enable users to comprehend the operation of an installation in a single view.

- This view is entirely user-definable with a vast library of industry symbols
- Animated component display options: flashing, rotation…
- Displays current numerical values, suffixes, bar graphs
- Data reports
- Control buttons: poll devices, display curves and reports…

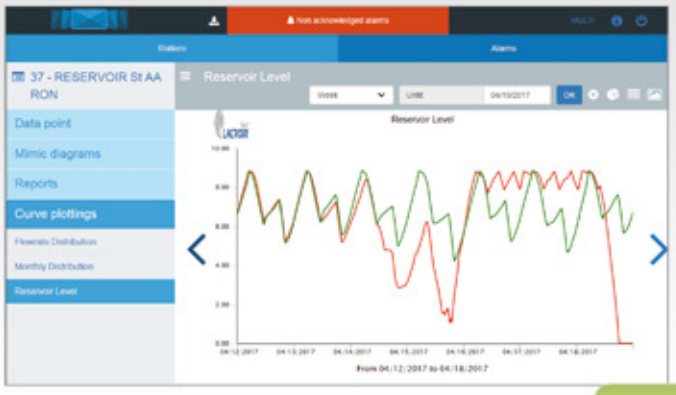
Curve plotting

PCWin2 features a particularly powerful curve plotter.
This interactive system offers:

- 1 to 6 curves displayed in a single view
- Zoom to adjust framing and amplitude (days, weeks, months)
- Time shifting to track information over different periods of time
- Export curve points to Excel and statistics

In addition, create trend curves or archives "on the fly" (free selection of data).

A easy-to-use and user-friendly graphical interface

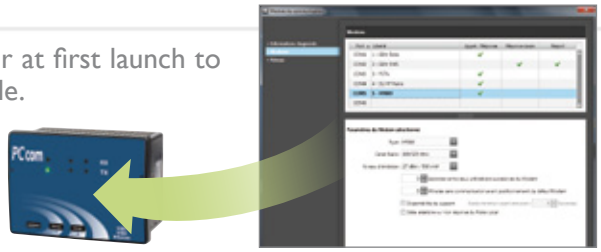


Assisted system set-up

Based on a graphical user interface, PCWin2 makes implementation of the central system and devices particularly quick and intuitive.

Module de communication

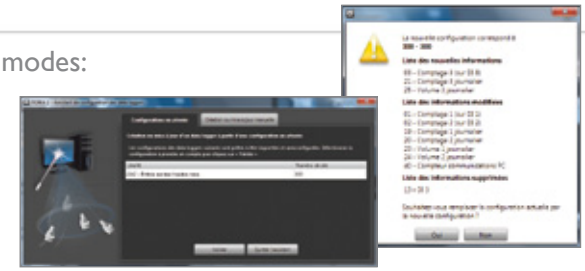
An assistant guides the user at first launch to start up the PCCom module.



Devices

Devices are configured automatically via several modes:

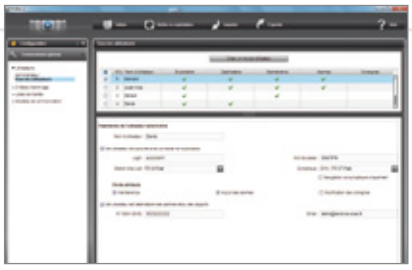
- Self-discovery of devices online
- Import Softools set-up files
- Notification of configurations transmitted by the devices



Users

User access is configured in 3 steps:

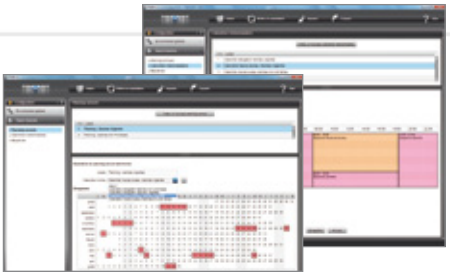
- A profile is created for each user
- Devices are assigned to each user profile
- Functional rights are assigned (alarm acknowledgement, modification of setpoints, etc.)



Stand-by duty

Report cycles are defined in particularly simple graphical screens:

- Annual schedule of exemptions
- Weekly schedules of call sequences



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