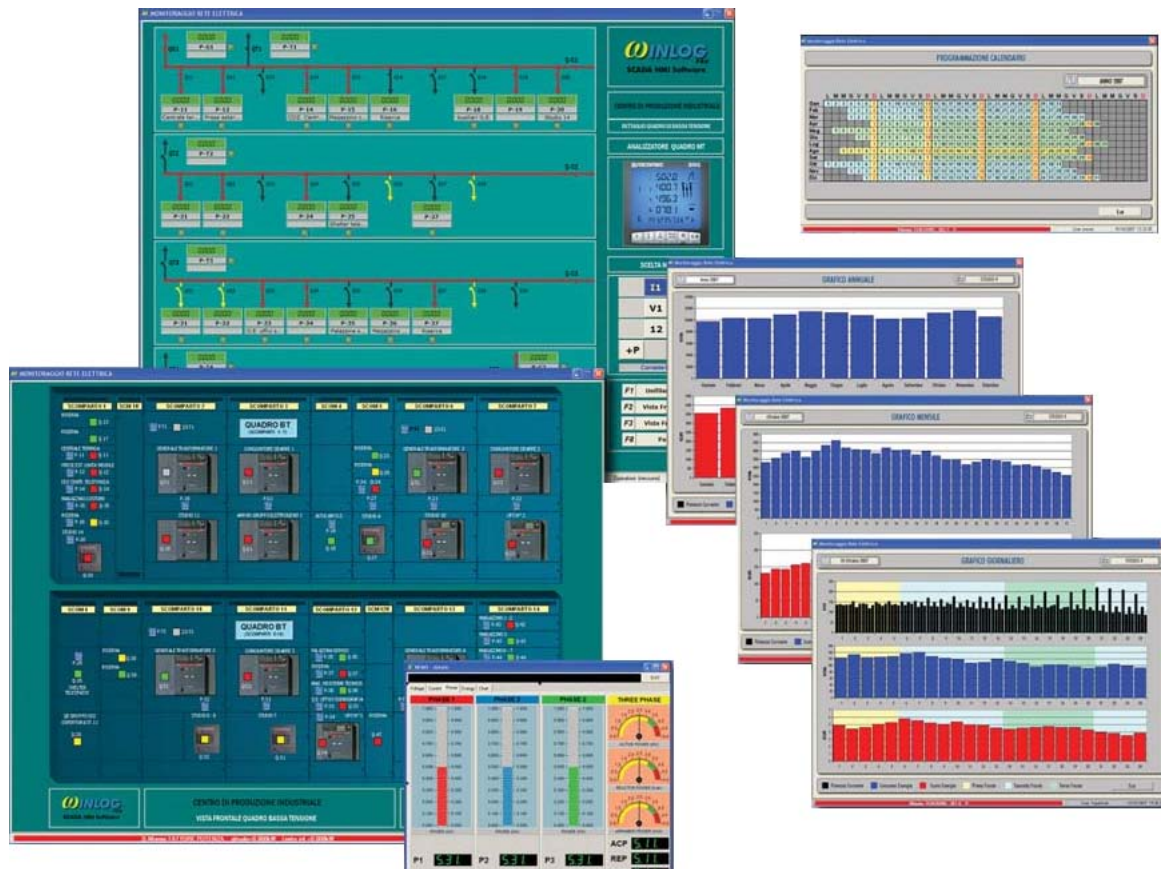




Winlog Applications: Supervision of Low and Medium Voltage Networks



The continuous increase of energy costs, together with the ability to select the most suitable contract among different energy providers, has raised the need for a supervisory system able to ensure a continuous monitoring of power consumption and energy costs of low and medium voltage networks.

Thanks to Winlog Pro SCADA software, it has been possible to develop many supervisory applications able to provide both the continuous monitoring of the electrical network and the ability to increase the overall efficiency. Winlog Pro includes a series of internal objects especially designed to display electrical schemes and cabinets, to monitor power consumption and to calculate energy costs using both real or simulated calendars with different fares according to date and time. The display of electrical schemes, with animated switches and lines changing colour according to current path, highlights energy flows and quickly identifies abnormal operation and the prevention of possible power overflow.

Monitoring of power consumption and energy costs of single user lines and of the overall network in the form of daily, monthly and yearly bar charts provides an ideal report for the analysis and optimisation of the electrical network. The system offers the ability to program the yearly calendar with different fares according to date and time.