



WINLOG SCADA/HMI SOFTWARE



GENERAL DESCRIPTION

Simple, flexible and economical, WINLOG is a real-time SCADA software package for the supervision of industrial and civil plants. An integrated development environment provides different tools (*Gate Builder, Template Builder, Code Builder, ...*) for the easy and intuitive creation of multilanguage applications. Communication with most available devices (PLCs, controllers, motor drives, etc.) is ensured by the extensive catalogue of drivers. Special drivers and applications can be integrated and developed directly by the user. The standard format of the database guarantees accessibility from the main software packages (Excel, Access, etc.). With WINLOG it is possible to set up a distributed architecture based on Intranet/Internet and to use the telephone network to communicate with remote devices or to send SMS. WINLOG is offered at a very competitive price, and is backed up by a personalised assistance service for every customer.

MAIN FEATURES

- MULTILANGUAGE APPLICATIONS
- TCP-IP CLIENT/SERVER SUPPORT
- INTRANET/INTERNET ARCHITECTURE
- INTEGRATED SCADA LANGUAGE
- COMMUNICATION VIA TELEPHONE NETWORK
- EXTENSIVE DRIVER CATALOGUE
- DATABASE ACCESSIBLE FROM EXCEL, ACCESS, ETC.
- TECHNICAL ASSISTANCE AND SUPPORT



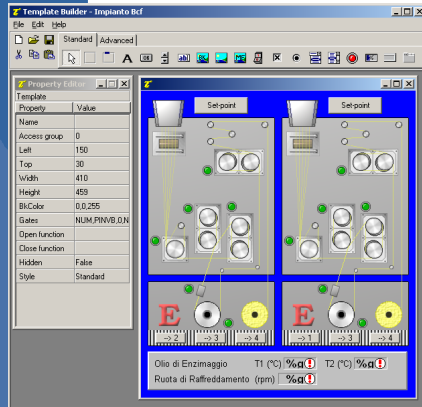
WINLOG SOFTWARE DI SUPERVISIONE (SCADA)

GATE BUILDER

Gate Builder is the tool for setting up your tags database quickly and easily. Different kinds of tags (numeric, digital, string, compound, event, alarm, ...) can be defined and assigned their appropriate properties (names, descriptions, addresses, sample methods, units of measurement, scale factors, ...).

TEMPLATE BUILDER

Template Builder is the tool for creating templates and display pages simply and intuitively. All you have to do to construct a display page is to arrange on the screen the objects that go to make it up (bitmaps, metafiles, text, values, status bars, leds and command icons) and to define their properties (dimensions, styles, associated tags, etc.). A library of over 3000 industrial automation symbols (pumps, valves, motors, tanks, PLCs, piping, etc.) is also available.



CODE BUILDER

Code Builder is the integrated environment in which all the applications can be enriched and personalised. A simple C-like programming language allows the user to write instructions which interact with all the elements of WINLOG (tags, templates, formulas, relationships, etc.) and to define macros and auto-run operations on startup and shutdown of WINLOG.

APPLICATION BUILDER

Application Builder is a powerful tool which allows a drastic reduction of development time; any application can be built by simply taking up from a library and putting together complex objects made of tags, templates, protocols, etc. The library includes standard objects such as controllers or i/o modules; special objects can be created and added by the user.

RUN-TIME APPLICATIONS

A very reasonably priced single run-time key can be used to run any of the applications, independently of the number of tags involved. Multilanguage applications (in two languages or more) can be set up, with a simple command to switch between languages. The standard format of the history database allows the recorded data to be accessed directly from the main software packages (Excel, Access, etc.).

NETWORK ARCHITECTURES

Distributed Client/Server architectures can be set up using a TCP/IP protocol and an Intranet/Internet connection. Multi-master structures, in which each terminal can communicate with the others so as to allow both reading and writing, are also possible. Both the fix and mobile telephone network can also be used to communicate with remote devices or to send SMS; in this way a supervision centre can provide a tele-assistance service to a network of peripheral sites spread around the country.

COMMUNICATION DRIVERS

An extensive catalogue of drivers ensures communication with most automation devices, such as PLCs, controllers, counters, indicators, motor drives, ...; other drivers can be supplied on request, or developed and integrated directly by the user.

TRENDS

Historical or online trends can be displayed individually or in groups: up to ten trends at a time are possible, which can refer to different kinds of tags, each with its own colour and scale. The temporal axe can be shifted backwards and forwards using video icons, the mouse can be used to zoom in and out, and various other viewing options are possible (grids, line thicknesses, modes of superimposition, etc.).

EVENTS AND ALARMS

Events and alarms are activated as a function of the values taken on by associated tags: alarms are signalled immediately in a specially reserved area of the screen, and the confirmation by the operator is also controlled. Status information (active events) and history (date, time, event) can be accessed according to two freely definable categories (eg. priority and location).

RECIPES

The recipes are sets of characteristic values of a process or a section of plant: new recipes can be created and existing ones updated (copied, deleted, renamed, printed and modified), as well as being imported and exported to and from the process itself. The application of a recipe can be commanded by the operator, automatic on startup, or triggered by the program (eg. sequential recipes).

REPORTS

Reports on the status of the plant are produced in a preprogrammed format and are available on-screen, or on the printer or another peripheral device. Reports can be either requested by the operator, periodical (after a specific interval, on a particular day of the week, etc.), or triggered by the program (eg. after an event). Copies of reports are also kept in the history files.

SECURITY

Each menu item, template, tag, etc., can be protected by the specification of the groups authorized to access it and those who can modify it. A name, password, and membership of one or more groups can then be defined for an unlimited number of operators. Every modification is recorded in a history file by description, date, time and operator's name.



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