LICENSES

Winlog Evo licenses are supplied with a case containing a protection key for USB port. Unlicensed protection keys for later programming are also available.
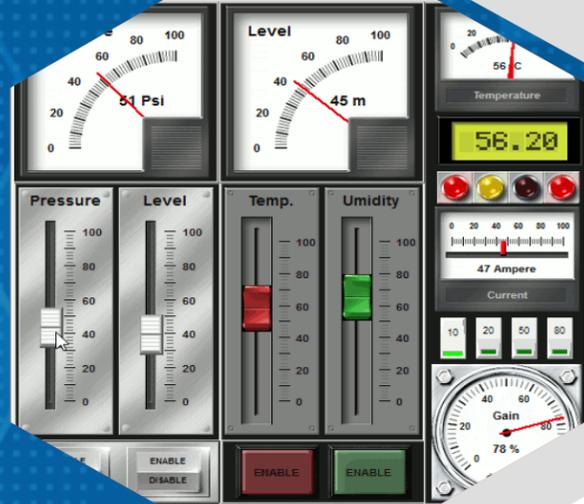
DEMO MODE

You can freely download the demo version of Winlog Evo, that allows development and running of SCADA application with unlimited tags and 120 minutes of full operation.

DEVELOPMENT LICENSE

It is required to validate the applications developed with Winlog Evo SCADA software. Only a validated application can run with the relevant runtime license.
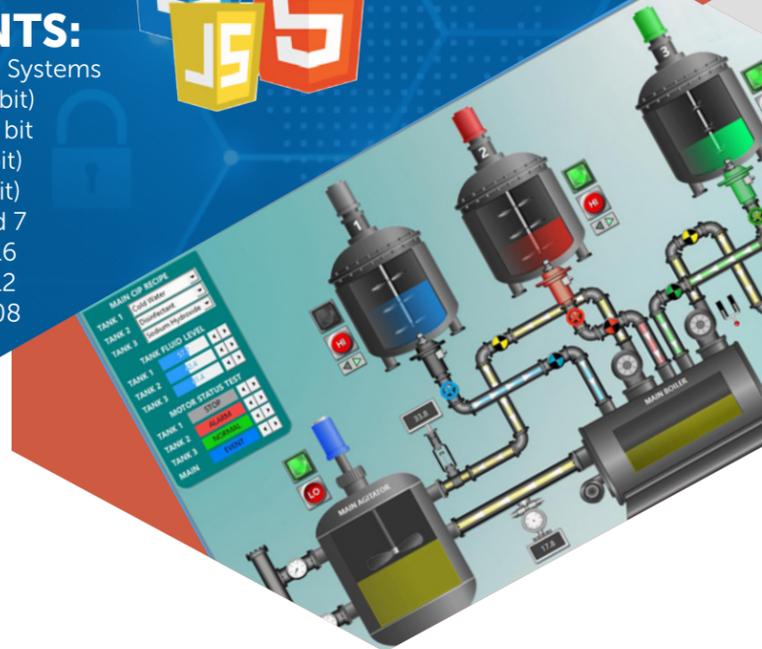
RUNTIME LICENSES

Runtime licenses allow both running and editing of Winlog Evo applications previously validated with a development license; the editor function and all other features are always included. Licenses only differ in the number of tags; available sizes are: 32, 64, 128, 256, 512, 1024, 2048, 4096, 8192, unlimited

REQUIREMENTS:

- » Microsoft Operating Systems
- » Windows 10 (32/64 bit)
- » Windows 8.1 (32/64 bit)
- » Windows 8 (32/64 bit)
- » Windows 7 (32/64 bit)
- » Windows Embedded 7
- » Windows Server 2016
- » Windows Server 2012
- » Windows Server 2008

WINLOG 4.0
SCADA HMI

SOFTWARE FOR
INDUSTRY 4.0

SIELCO SISTEMI

PIANO INDUSTRIA 4.0

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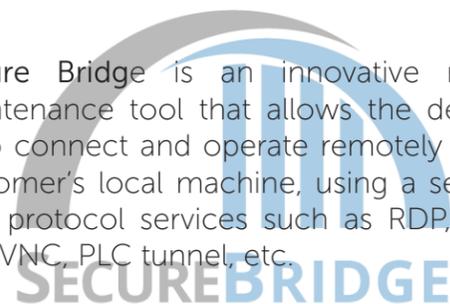🏠 via Roma, 24 - 22070 Guanzate (CO) - Italy

GENERAL DESCRIPTION

Winlog Evo is a flexible, convenient and easy-to-use software package for the development of multi-language SCADA applications. The technology, the development environment and the communication protocols make Winlog Evo an ideal tool for programmers who want to develop projects for industry 4.0 in a simple and convenient way. Development tools include the libraries Symbol Factory (static graphic symbols) and Industrial Gadgets ActiveX (animated graphic objects). Winlog Evo supports most popular communication protocols (Siemens, Omron, Allen Bradley, Modbus RTU/TCP, KNX, BACnet, etc.) and provides OPC interfaces DA and UA (Client and Server). It allows management of process recipes and generation of

reports in both pdf and csv formats. It provides an interface with external DB (MySQL, ...) to record data (datalogger function) or operate through generic queries (API). Winlog Evo makes it possible to set up distributed Client/Server architectures and create web applications accessible from smartphone or browser.

Secure Bridge is an innovative remote maintenance tool that allows the developer to connect and operate remotely on the customer's local machine, using a series of TCP protocol services such as RDP, HTTP, FTP, VNC, PLC tunnel, etc.

TOOLS

GATE BUILDER
The tool for creating and managing the gates (tags) database. Gates can be external (sampled from field devices) or internal. The sampling method can be configured for each gate or set of gates in order to optimize the update frequency.

TEMPLATE BUILDER
The visual tool for an easy and intuitive creation of templates, with the possibility of conditioning access to each object based on the password level. It makes available thousands of vector graphic symbols (SVG) and animated graphic objects.

CODE BUILDER
A simple programming language allows developers to write code routines with special API for interacting both with the internal components of Winlog Evo (tags, templates, recipes, reports, ...) and with external DBMS (SELECT, INSERT, UPDATE, ...).

APPLICATION BUILDER
A powerful tool for the automatic creation of SCADA applications, by simply taking up from a library and putting together predefined software objects relating to automation devices or functional blocks, each of which made of variables, templates, trends, etc.

SMART APP BUILDER
The visual tool for creating web applications taylored for mobile devices (iOS and Android), able to interact with the Server application both in reading and writing. The final structure is menu-based, browsing is typical of most mobile devices.

FUNCTIONS

EVENTS & ALARMS
You can display both online and historical events & alarms on the basis of freely assignable access classes such as priority, location or competence. Each new alarm is promptly notified on a reserved area of the display.

RECIPES
You can create multiple recipe models and, for each model, multiple recipes consisting of a set of process variables (tags). You can also create new recipes by importing values directly from the field.

DATA MANAGMENT
The datalogger function allows recording of historical data on CSV files or on external DBMS (MySQL, ...). Special code instructions (API) allow interaction with external DBMSs through generic queries.

GRAPHICAL TRENDS
You can display simultaneously up to 10 graphical trends, each with its own colour and scale. You can also shift backwards and forwards the time axis, change the scale, zoom the image or display the values of the variables.

REPORTS
Reports are explanatory documents that describe the manufacturing process over a period of time (eg production batch), drawn up in a predefined format and available as pdf files.

MAIN FEATURES

» Multi-language and multi-user SCADA applications for Industry 4.0 projects
» Access from smartphone (Smart App) or Internet browser (HTML5)
» Thousands of animated objects and graphic symbols in SVG format
» Most popular drivers: Modbus, Siemens, Omron, BACnet, Mbus, KNX, ...
» OPC DA and OPC UA (Client and Server) to interface with MES or ERP
» Graphical trends and recordings of events, alarms and operator actions
» Management of process recipes and generation of production reports
» Interface with external DBMS (MySQL, ...) to record data or interact through API
» SecureBridge to operate remotely on the field devices (PLC, drives, ...)