1. About myPROJECT Designer

The myPROJECT Designer, part of mySCADA bundle, is an integrated development environment used to configure, develop and manage HMI/SCADA applications. You will find everything you need to create a full-featured SCADA (Supervisory Control and Data Acquisition) visualization with this designer.

The myPROJECT Designer is used to create and manage mySCADA projects, configure connections to devices, enter tags, alarms, and trends. This editor also allows you to design advanced mimic graphics with specific animations corresponding to tag values in the PLC. A simple to use interface allows for easy manipulation of project's configuration and data. Project data is stored in a single directory for easy backup and restoration. The myPROJECT Designer has an integrated GUI (Graphical User Interface) visualization editor for easy creation of professionally looking mimic graphics. The graphics are based on the Scalable Vector Graphic format, which means you will always have a sharp view of your controlled technology.

Key Features

- Free for personal and business use
- Simple to use
- GUI design in Scalable Vector Graphics (SVG)
- Animations and effects based on tag values can be added to any shape or object
- Support for background images (JPEG, GIF, PNG)
- Ability to attach PDF-documents to the project
- Ability to attach MP3-sounds to the project
- Built-in script editor
- Available for Mac OS X, Windows and Linux

Drawing capabilities

- Shape tools: rectangles, circles, ellipses, paths, texts, images
- Path tools: Bezier curves, conversion to a path, union, subtraction, intersection, merge
- Group editing
- Advanced text support
- Images import (jpg, png)
- Transformations: resize, rotate, skew, align, distribute
- Property manager

- Resource manager: gradients, patterns, markers
- Object viewer

Project Management

The key components of any mySCADA project are the visualization screens. This is where the schematic visualization of the devices being controlled is displayed. Within these visualization screens, an object or groups of objects can be created and then defined specifically for communication with the connected PLC. These specified objects will then be animated on the basis of the tag values located inside of the PLC.

The display screens are internally represented as SVG files. Defined project connections are internally represented as configuration text files, along with the alarm states and trends, which are also stored in a separated text file. Text files are easily edited in mySCADA Project editor instead of editing the text file directly. Scripts are also stored in separated files, so that you can edit them with your favorite text processor instead of this editor. The mySCADA projects are saved directly onto your computer's hard drive and are composed from all the configuration text, SVG files, scripts, documents and sounds.

The following sections describe how to create new projects, how to add, configure or delete connections, how to define alarms, trends and other project settings.