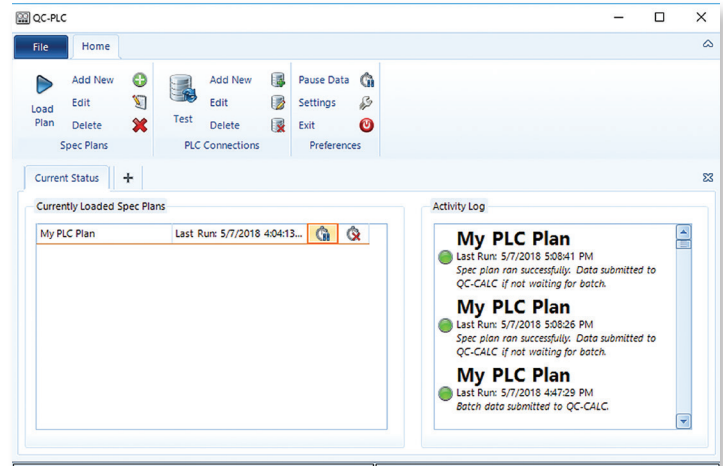# QC-PLC

Introduction

QC-PLC provides a fast and easy method of reading data from programmable logic controllers (PLCs) at regular intervals for data collection by QC-CALC Real-Time.
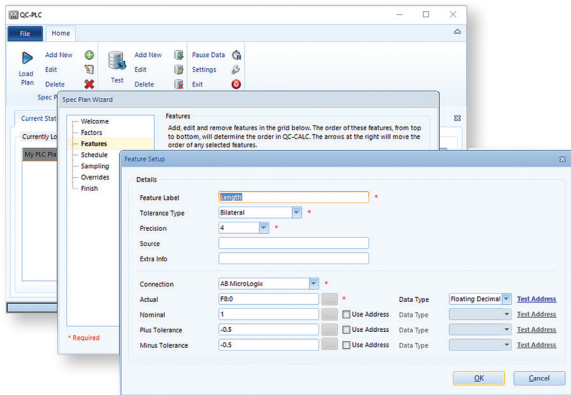
Key Benefits

- Over 100 PLCs supported natively including:
  - Allen Bradley ControlLogix Library
  - Allen Bradley MicroLogix/PLC-5 Library
  - GE Fanuc Library
  - Modbus Library
  - Siemens Library
- OPC support to all other PLCs
- Reusable Connections
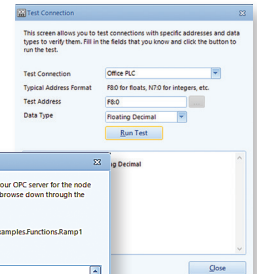- Live monitoring screens

Easily Create new Spec Plans

QC-PLC uses the concept of a spec plan which is a set of instructions to measure a part and create a record of the data. The characteristics of the "part" may not be related to a particular part at all and may instead be the values of a process at a particular point in time. Each spec plan has a different set of trace fields and characteristics that can be collected directly from the register on any PLC.
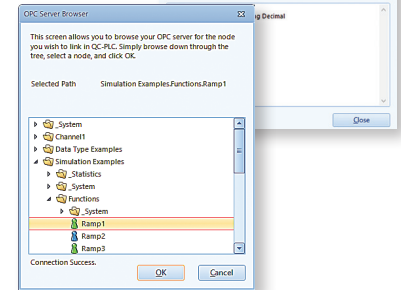

Live Monitoring Screen

You can choose to monitor the addresses of the PLCs by configuring live monitoring screens for your spec plans.

Test Connections

A convenient Test Connection screen allows you to test the connections to your PLCs.

OPC Navigation

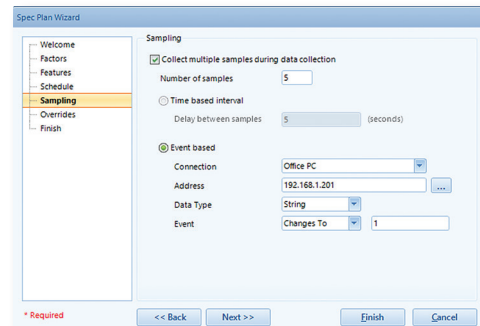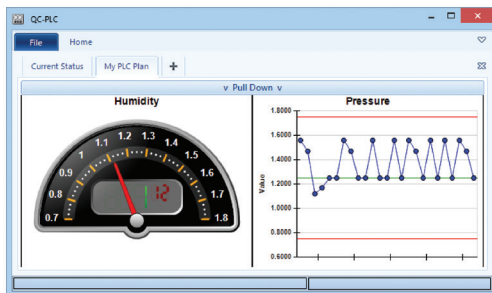The Tree style display screen allows for quick navigation to the OPC tags to be monitored.

Flexible Collection Intervals

You can collect data either on a time interval (such as every 5 seconds) or based on an event (such as the changing of a value or flag inside the PLC). Sampling gives the ability to take multiple measurements at specified intervals.

Licensing

QC-PLC is licensed by the number of connections. The base version includes up to 10 connections (10 different physical IP addresses).

Please download a 30-day trial version from our website and try it out!

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