

Introduction

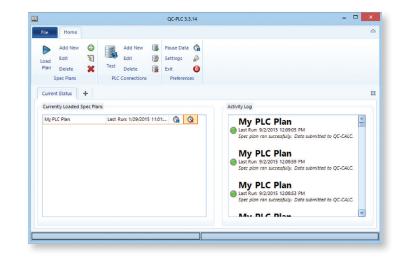
QC-PLC provides a fast and easy method of reading data from programmable logic controllers (PLCs) at regular intervals for data collection by QC-CALC Real-Time.

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 dimensions 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 traceability fields (factors) and dimensions that can be collected directly from the register on any PLC.



Test Connections

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

Test Connection	Modbus	Ψ.
Typical Address Format	Numeric. Typically 40001-49999.	
Test Address	40002	
Data Type	Floating Decimal	
	Run Test	
Value: 1.34 Done.		

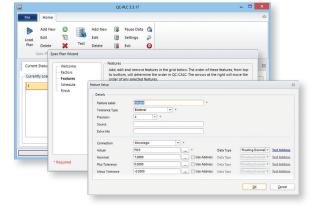
OPC Navigation

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

		X
This screen allows you to brow you wish to link in QC-PLC. Sim tree, select a node, and click O	ply browse down t	
Selected Path Simulation	on Examples.Functio	ns.Ramp1
▶ 🏐 _System		
Channel1		
Data Type Examples		=
4 🔄 Simulation Examples		
Statistics		
System		
4 🔄 Functions		
System		
Ramp1		
Ramp2		
Ramp3		-
Connection Success.	OK	Cancel

Licensing

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



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).

