

30.09.2025 - 30.09.2025

CC Link IE Field Networking using Q-PLC

Address / Contact:

Description	<p>This course offers an introduction and overview of the CC-Link IE Field network, covering various available topologies and specifications. We will examine typical compatible products that can function as stations, with the PLC designated as the Master. Guidelines for addressing each station and mapping data with the Master will be provided. A small-scale implementation example will be thoroughly worked through, covering all aspects of configuration, including fault finding. It is recommended that participants have completed an Advanced level course before enrolling in this one, and experience with industrial control systems would be beneficial. The course incorporates a special-purpose PLC rig and GX Works to enhance hands-on learning, and it is centered around the Q PLC range.</p>
Course target	<p>By the end of the course, delegates should be competent in the following disciplines and demonstrate skills including:</p> <ul style="list-style-type: none">• Selecting suitable hardware and building a network with the optimum topology• Understanding station types, station addressing, available data and mapping methods• Designing and testing a configuration with the applicable programming tool
Target group	<p>This professional development experience has been designed for those individuals who have an Advanced level of knowledge and experience of PLCs and programming and who want to supplement that with a study of networking.</p>
Agenda	<p>Over a 1 day period delegates will cover the following modules and topics:</p> <ul style="list-style-type: none">• Network features• Topology and specifications• Compatible hardware• Station types and data mapping• Creating and testing a configuration• Monitoring and diagnostics• Station parameters
Duration	1 Day
Products and software	PLC, Software
Article number	743346
Participant fee	550.00 GBP