

11.05.2026 - 11.05.2026

## CC Link IE Field Networking Using iQ-R PLC

Address / Contact: Travellers Lane, Hatfield, Hertfordshire, AL10 8XB

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 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 iQ-R 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"><li>Selecting suitable hardware and building a network with the optimum topology</li><li>Understanding station types, station addressing, available data and mapping methods</li><li>Designing and testing a configuration with the applicable programming tool</li></ul>
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"><li>Network features</li><li>Topology and specifications</li><li>Compatible hardware</li><li>Station types and data mapping</li><li>Creating and testing a configuration</li><li>Monitoring and diagnostics</li><li>Station parameters</li></ul>
Duration	1 Day
Products and software	PLC, Software

Article number	743345
Participant fee	600.00 GBP