10.07.2025 - 11.07.2025

Q PLC Advanced

Address / Contact:

Description	This advanced training course is part of a learning pathway designed to equip you with the knowledge and skills to successfully work the Q range of programmable logic controllers or PLC's. This course blends knowledge transfer and classroom practicals and focuses on the advanced features of Q PLCs using the GX Works software in "simple mode" with labels. It emphasizes the applied instruction set, enabling participants to utilize mathematical functions, interface with analog units, and employ complex instructions, among other capabilities. Attendees will engage in numerous practical exercises to solve real-world problems. While prior experience with Mitsubishi PLCs is preferred (or attendance in the PLC Introduction training course), familiarity with other manufacturers' PLC products will also be beneficial. A basic understanding of electrical principles is essential. The training utilizes a dedicated Q-PLC simulator system hardware along with GX Works programming software.
Course target	By the end of this course delegates should be competent PLC programmers with an understanding of complex PLC programming and demonstrate this as a skill they can take back to their organisation.
Target group	This professional development experience is aimed at delegates that have previous Mitsubishi PLC experience or at minimum experience of other PLC equipment.
Agenda	Over a 2 day period delegates will cover the following modules and topics: • Analogue module selection and configuration • Structured data types • Accessing data ranges – arrays and indexes • Project security • Program execution types • Data manipulation and maths operations • Diagnostics
Duration	2 Days
Products and software	PLC, Software
Article number	743377
Participant fee	1000.00 GBP