



Training Modules for AS-i



Connect



Learn



Solve



Mobilise

A core part of our philosophy at ifm is that we work closely with our customers. We want to understand each customer's business and create solutions that work best for them. We also want our customers to grow. Which is why we are offering a new range of training seminars for our AS-i solutions range. As with our solutions, we will customise every training session according to an individual customer's needs and requests. Please see the inside of this booklet for more details of the training modules we have available.

Training Modules



TRAINING MODULES FOR AS-I

CODE	MODULE	DURATION	CODE	MODULE	DURATION
ACGT01	GENERAL AS-I WORKSHOP <ul style="list-style-type: none"> History of AS-I What is AS-i and how AS-i evolved? Hardware components Network length and topologies AS-I product offering Addressing Slaves & slave profiles Diagnostics AS-I safety Practical Exercises x10 Training quiz 	1 Day		<ul style="list-style-type: none"> Web visualization Network variables Fieldbus (EtherNet IP, EtherCAT, Profinet, Modbus, Ethernet TCP/IP) Comms Smart PLC apps Programming practice 	
<i>No prior knowledge</i>			<i>ACGT01 or prior AS-I knowledge</i>		
ACGT02	GATEWAY SETUP TO PLC'S <ul style="list-style-type: none"> How to set up the AC14xx / AC4x2S to the PLC Ethernet IP, Profinet and Profibus Installing GSD, GSDML or EDS file to the PLC Data mapping (Digital, Safety, and Analogues) 	0.5 Days	ACGT05	SAFETY PROGRAMMING (AC4X2S) <ul style="list-style-type: none"> System & global variables Data types & addresses Cross communication Non-safe and safe POU program Using diagnostic safety codes PLC Open Function Block Local and safe variables FSOE programming Web visualization Fieldbus (EtherNet IP, EtherCAT, Modbus, Profinet, Ethernet TCP/IP) Comms Smart PLC apps Programming practice 	1 Day
<i>ACGT01 or prior PLC knowledge</i>			<i>ACGT04 or prior PLC programming knowledge</i>		
ACGT03	CONFIGURATION OF ASIMON SOFTWARE <ul style="list-style-type: none"> Introduction to AS-i Safety Overview of data transfer in AS-i technology ASiMon configuration software Safety monitor configuration Design guidelines Practical exercises x5 	0.5 Days	ACGT06	AS-I NETWORK MAINTENANCE AND TROUBLESHOOTING <ul style="list-style-type: none"> AS-I installations in Food applications Diagnostic protocol AS-I check after commissioning AS-I tips and tricks AS-I checklist for a service call Network audit report AS-I analyzer tool and software 	1 Day
<i>ACGT01 or prior AS-I knowledge</i>			<i>ACGT01 or prior AS-I knowledge</i>		
ACGT04	CODESYS 3.5 PROGRAMMING (AC14XX) <ul style="list-style-type: none"> Introduction to Codesys 3.5 System & global variables Data types & addresses Program organization units Program, function block, function Local variables 	1 Day			



Meet the experts

Interested in training?

We'd love to discuss training options with you! We will customise a training session or series of training sessions to suit your needs.

Phone us on 1300 365 088



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