

AUTOMATION TRAINING

PANASONIC PLC TRAINING + FREE PLC



This 1-day course covers the programming of the FP series family of PLCs from Panasonic, formerly known as National or Nais.

Each student will receive a FREE Panasonic FP0R PLC and a copy of the current Panasonic FPWIN Pro 7 programming software licensed for a maximum of 10000 steps for use within the course. To gain the most from this training course, it is essential each student bring their own laptop.

WHO SHOULD ATTEND

This training course is recommended for anyone that currently utilises or intends to utilise Panasonic's range of PLCs and FPWIN software.

PRE-REQUISITES

Basic programming knowledge. Competency utilising a PC.

A laptop is required for this training.

OBJECTIVE

Participants will become familiar with the features and benefits of FPWIN Pro programming software and the Panasonic range of PLCs. Participants will also learn some basic programming exercises relevant to this software, however it is expected that students have a prior understanding of programming before registering.



1 day | 9.00 am to 3.00 pm (approx.)



\$250 ex. + FP0R PLC
\$490 ex. + FPX PLC

NB: Minimum class number must be attained before classes can commence.

SEMINAR CONTENT

» Introduction to Panasonic 'PLC' models

- FPE
- FP0/FP0R
- FPX
- FP7
- FP0H
- Brief overview of the Legacy systems
FP0, FP1, FP2, FP3 & FP10SH

» Programming software

- FPWIN Pro - IEC 61131-3 compliant software package

» Utilising FPWIN pro package

- IEC standard 61131 and how it impacts programming environment
IEC data types and numbering systems
- Global and local variables and tag names
- PLC Program Structure - accessing system registers, global variables, task list, function library and program sections (POU's)
- The programming environment, tools and workspace
- PLC memory map and addressing structure
- PLC manuals and help files
- Function libraries
- Numerous live exercises covering topics such as programming, compiling, connecting to the PLC, downloading, monitoring and forcing of conditions
- Creation of User Defined Functions and Function Blocks to allow the easy reuse of sections of code



OTHER COURSES

PANASONIC PLC TRAINING

EMERSON CONTROLLER TRAINING

HIRSCHMANN TRAINING

MACHINE SAFETY TRAINING

CONVEYOR SAFETY TRAINING

CONDITIONS :

- Full payment is required prior to commencement.
- A cancellation fee of 20% will apply if notice is less than 48 hours.