



# Emerson PLC PAC Training

## Proficiency Process Systems Fundamentals 7703

As an authorised training centre for Emerson, IPD is pleased to offer training courses available in both virtual and classroom environments. These sessions combine dynamic lectures with hands-on labs, providing a comprehensive learning experience focused on building and modifying the system and its components.

### WHO SHOULD ATTEND

This course is designed for process, automation or instrumentation engineers and system integrators who will be developing, configuring and using applications on a fully integrated PAC Productivity Suite System.

### PRE-REQUISITES

Participants should have a working knowledge of Windows operating systems. Control Systems experience and knowledge is an asset.

To enrol, please call 1300 556 601, or register via our training page: [ipd.com.au/Automation-Training](http://ipd.com.au/Automation-Training).



5 days  
9:00 am to 4:00 pm (approx.)



Part No: EDU-MAS-7703V  
\$3,750 ex. per person



Virtual or  
onsite at IPD

## OBJECTIVES

The PAC Productivity Suite (PPS) Fundamentals course is designed to provide a good working knowledge of the PAC Productivity Suite used to develop hybrid process applications. This suite provides customers with the integrated tools they need to design, implement, operate, and maintain a process control system. This course explores the solution architecture, features and configuration tools from the controller, through Data Acquisition and Management to Visualization. Valuable hands-on lab exercises are provided to guide students through the building and modification of the system and its constituent components.



## COURSE TOPICS

- Introduction to PAC Productivity Suite
- Engineering Workstation: Controllers & IO
- Creating a Project
- Hardware Configuration
- Programming with Logic Developer
- PPSFunction Blocks
- Ethernet Global Data (EGD)
- EWS – CIMPLICITY Project Essentials
- EWS – CIMPLICITY Visualization
- Hardware and IO Networks
- Controller- Based Alarming
- Building Alarm Displays – CIMPLICITY
- EWS Utilities
- Build Reusable Code
- Historian
- Change Management
- Explore a Sample Project

## OTHER COURSES

- **Emerson Controller Maintenance 7700**
- **Emerson Controller Programming 7701**
- **Emerson Movicon.NExT Fundamentals 7704**
- **Emerson Movicon.NExT Advanced 7705**
- **Emerson Advanced Controller Programming 7707**

NB: Minimum class number must be attained before classes can commence and cancellation fees may apply within 14 days of the course date.

**Enrol in valuable Emerson training today.**