

Experion[®] Process Knowledge System (PKS) Field Device Manager (FDM) Implementation



Course Overview

Course number: EXP30R400

Course length: 4 days

Need to implement your Experion PKS Hart devices using Honeywell Field Device Manager?

This course provides participants the ability to perform the following tasks:

- Build control networks using Field Device Manager.
- Add new devices implementing vendor supplied Device Definition files.
- Modify parameters of Hart Devices from the Experion Station.
- Troubleshoot and Maintain HART Devices

Participants will build HART networks, configure HART devices, configure Hart Multiplexers, modify parameters, utilize history functions, configure and use Mux Monitoring on the Ace node, and troubleshoot HART devices using Field Device Manager.

Course Benefits

Efficient utilization of HART information, parameter modification to maintain process control.

- HART functionality.
- Add and maintain HART devices on Experion systems.

Course Delivery Options

- In-Center Training
- Customer Site Training

Who Should Take This Course?

EXPERION PKS System Implementers

Experion PKS C200/C300 Engineering and configuration tasks can impact the following job roles..

- **System or Application engineer** responsible for configuring process control using HART devices.
- **Maintenance Engineer or Technician** responsible for adding, maintaining and/or replacement of HART devices on a control network.

Prerequisite/Skill Requirements

Prerequisite Course(s)

- C200/C300 Operator R300 (EXP01) and/or C200/C300 and TPS Operator R300 (EXP13)
- Plant experience with HART Devices
- Workable knowledge of Windows operation systems
- Prerequisite waiver of course instructor

Required Skills and/or Experience

- None

Desirable Skills

- Plant, process, and controls knowledge
- Experience configuring DCS Controller

Course Topics

You will learn how to....

- Configure and Modify HART devices using Field Device Manager
- Use of Experion Station interface with HART Device strategies.
- Implementation of vendor Device Definition files to implement changes to devices modified by device suppliers.
- Troubleshooting HART devices using Diagnostics Methods
- Software configuration.

Additional Training

To increase your knowledge and skills, there are additional courses available from Automation College.

For more information and registration, visit www.automationcollege.com.