

EXPERION PKS: ADVANCED – FIELD DEVICE MANAGER (FDM) IMPLEMENTATION AND TROUBLESHOOTING

COURSE OVERVIEW

Course Number: EXP-30

Course Duration: 4 Days

Prerequisite Course (s): EXP-2001C3 or EXP-2001UOC

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

- Build control networks using Field Device Manager
- Add new devices implementing vendor supplied DD Files and DTMs
- Modify parameters of HART Devices from the Experion Station
- Troubleshoot and Maintain HART and FF Devices
- Overview of FDM Express Is a portable, on-the-go version of the Field Device Manager (FDM) for configuration and management of smart field instrument
- Build and execute Partial Valve Stroke Tests (PVST) for the supported Emergency Shut Down (ESD) valves
- Integrate FDM with Uniformance Asset Sentinel for asset synchronization, fault model creation and instrument diagnostic synchronization

Participants will build HART, FF networks, configure HART, FF devices, configure HART Multiplexers, view demo of modify parameters, utilize history functions, configure, and use Mux Monitoring solution and troubleshoot HART devices using Field Device Manager.

COURSE DELIVERY OPTIONS

- Asynchronous Training (AT)
 - Self-paced with 10 days to complete
- Instructor-Led Training (ILT)

COURSE OBJECTIVES

- Configure and Modify HART, FF, Profibus, and OneWireless devices using Field Device Manager
- Use of Experion Station interface with HART Device strategies
- Implementation of vendor DD Files and DTMs to implement changes to devices modified by device suppliers
- Troubleshooting HART devices using Diagnostics Methods
- Build and execute Partial Valve Stroke Tests (PVST) for the supported Emergency Shut Down (ESD) valves
- Software configuration
- Integrate FDM with Uniformance Asset Sentinel