**Honeywell Academy**

# EXPERION PKS: FUNDAMENTALS – TPS TO EXPERION MIGRATION AND TROUBLESHOOTING OVERVIEW

## COURSE OVERVIEW

**Course Number: EXP-1024**
**Course Duration: 5 Days**

**Prerequisite Course (s): TPS-0005**

This course provides participants with the information and ability to install, migrate and troubleshoot both the hardware and software of an Experion PKS system connected to the TPS/TDC3000 System with HPM Controllers. It also provides skills and knowledge required for configuring, implementing, and migrating to the Experion LCN (ELCN) Network including the ELCN Bridge, ELCN Appliance Nodes and Virtual ELCN Nodes.

## COURSE DELIVERY OPTIONS

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

## COURSE OBJECTIVES

**Participants will be able to develop detailed understanding of these topics including (but not limited to):**

- Experion PKS-TPS System Architecture with new components like ENIM, EHPM, ENB,
- EMDB and ERDB overview
- TDC System Migration to Experion Information, best practices, and migration tips
- Off-process Migration concept of HPM/NIM having UCN interface to EHPM/ENIM having EUCN interface
- On-Process Migration concept of HPM/NIM having UCN interface to EHPM/ENIM having EUCN interface using ENB
- Experion TPS system Configuration including EHPM configuration in control builder
- TDC 3000 HPM information – error indications - Local LED's and Station Displays
- C300 information – error indications Local LED's and Station Displays
- PM I/O information (either HPM and C300 connected) - error indications - Local LED's and Station Displays
- Install, configure, migrate, use, and troubleshoot:
- ELCN Bridge Commissioning Server
- ELCN Bridges
- ELCN ESVTs and ES-Ts
- ELCN Application Module (UEA Appliance and Virtual ELCN Node)
- ELCN History Module (Virtual only)
- ELCN Redundant ENIMs (UEA Appliance)
- ELCN Unified System Management (LCN and UCN Dashboards)
- Fully migrate to an all-ELCN system
- Decommissioning the ELCN Bridge (once no more LCN nodes present)

**Honeywell**