

## EXPERION PKS: FUNDAMENTALS – GEN3 VIRTUALIZATION IMPLEMENTATION

### COURSE OVERVIEW

**Course Number:** EXP-48GEN3

**Course Duration:** 4.5 Days

**Prerequisite Course (s):** None

This course provides participants the ability to perform the following Experion PKS Virtualization system tasks

- Understand Honeywell topologies in virtual environment with Premium Platform Gen3 and Essential platforms
- Planning of Virtual Environment using Premium Platform Gen3 and Essential platforms
- Premium Platform Gen3 deployment
- Configure Host and Virtual Network on ESXi Host 7.0
- Install and configure vCenter 7.0
- Configure Experion virtual machines and their operations
- Configure vMotion to move running virtual machine from one ESXi to another ESXi host
- Use Templates and Clones in vCenter
- Overview of ESXi and vCenter maintenance tasks
- Understand the concept and utilization of vSphere HA and Fault Tolerance for Premium Platforms

### COURSE DELIVERY OPTIONS

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

### COURSE OBJECTIVES

- Overview of VMware virtualization and ESXi Architecture
- Understand Honeywell topologies in virtual environment
- Overview of Premium Platform Gen3
- Security Planning in a VMware Environment
- Storage and Network Planning in a VMware Environment
- Basics and Configuration of Thin Client
- Hardware and software specifications for virtual system
- Deployment and Post deployment tasks for Premium Platform Gen3
- Configure Host and Virtual Network on ESXi Host
- Install and configure vCenter 7.0
- Configure virtual machines and prepare for installing Experion PKS
- Perform Virtual Machine Operations
- Perform vMotion
- Use Templates and Clones in vCenter
- Understand the concept and utilization of vSphere HA and Fault Tolerance for Premium Platform Gen3
- Understand the Installation and configuration of Experion nodes using ESM
- Overview of administration in virtual environment
- Overview of ESXi and vCenter maintenance tasks
- Install and configure VMware Workstation (Reference only)