

# Experion PKS: Fundamentals - Graphics Design and Building Implementation



## Course Overview

**Course number:** EXP-03-VILT

**Course length:** 4 days

### Need to plan and implement your Experion® Process Knowledge System (PKS) Graphic Displays?

This course provides participants the ability to perform the following tasks as applicable to the Experion PKS System:

- Develop Display Design Guidelines
- Build HMIWeb Displays for Experion PKS

Graphics display training is divided into two sections:

The first section presents the basic concepts and strategies needed to develop guidelines for effective and consistent Display Design.

The second section is an extensive hands-on workshop. Participants will develop Experion PKS operating displays using the HMIWeb Display Builder. Lab exercises also include practice in building components for shape libraries.

## Course Benefits

### Efficient planning and implementation of your Experion PKS System

- Conceptual understanding of graphic building guidelines to enable efficient display design
- Design and construct display to create an effective interface for Plant Operations

## Course Delivery Options

- [Virtual Instructor-Led Training](#) (VILT)  
IMPORTANT – Prior to registration for the e-learning courses (AT, RT, VILT, and VT), you must perform the User Readiness Test. Go to [Asynchronous Training](#), [Recorded Training](#), [Virtual Instructor-Led Training](#), and [Virtual Training Access Requirements](#) to perform this test.

## Who Should Take This Course?

### Experion PKS System Implementers

Graphics Design and Display Building tasks can impact the following job roles. Other job positions performing these tasks could also benefit from this training.

- **System or Application Engineers** responsible for designing and creating Operator displays
- **Maintenance Engineers or Technicians** responsible for adding new displays or troubleshooting existing displays
- **Operators** responsible for specifying, modifying and/or implementing Operator displays

## Prerequisite/Skill Requirements

### Prerequisite Course(s)

- None

### Required Skills and/or Experience

- Working knowledge of Windows Server 2016 Standard 64bit

### Desirable Skills and/or Experience

- Plant, process or controls knowledge
- Operator display design or specification familiarity

## Course Topics

### You will learn in how to...

Develop a Display Design Guide considering performance and capacity available on your Experion PKS system:

- Specify Operator interaction with displays
- Design display level hierarchies, point manipulation options, navigation
- Specify Shape Libraries
- Specify Display Standards
- Specify file naming conventions and directory structure for displays

Build Displays using HMIWeb Display Builder:

- Use tools and navigation options

**Course Topics continued...**

- Use Tabbed display option
- Enable callout Options versus Messages
- Create new operating displays
- Create display elements
- Use the Shape Library
- Create templates, dynamic shape files, shape sequences, trends and popups
- Use Display validation option
- Allow fast update option for data bound objects
- Insert shapes into operating displays
- Specify standard faceplate behavior
- Create custom faceplates and configure faceplate behaviors
- Use the Script Editor
- Attach scripts to objects
- Add hyperlinks and other navigation techniques
- Use Cascade Style Sheets
- Use Shortcut Menus
- Configure security level changes from HMIWeb Displays
- Build SafeView configurations to manage displays
- Use Honeywell Solution Pack Create and manage Display Repository
- Use LRN Functions of HMIWeb Display Builder
- Create HMIWeb Display reports
- Use of Alarm Group Generator

**Additional Training**

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

**For more information and registration, visit [www.honeywellprocess.com/en-US/training](http://www.honeywellprocess.com/en-US/training).**