

Experion[®] Process Knowledge System (PKS) Graphics Design and Building



Course Overview

Course number: EXP03

Course length: 4.5 days

Need to plan and implement your Experion 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 displays to create an effective interface for Plant Operations

Course Delivery Options

- In-Center Training
- Customer Site Training

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 2003 Server and/or XP

Desirable Skills and/or Experience

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

Course Topics

You will learn 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

Course Topics Continued

Build Displays using HMIWeb Display Builder:

- Use tools and navigation options
- Create new operating displays
- Create display elements
- Use the Shape Library
- Create templates, dynamic shape files, shape sequences, trends and popups
- 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 Internet links and other navigation techniques
- Use Cascade Style Sheets
- Use Shortcut Menus
- Configure security level changes from HMIWeb Displays

Build Safeview configurations to manage displays

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.