Experion PKS: Fundamentals – System Overview

Course Overview
Course number: EXP-6000-VT
Course length: 2 days

Need to identify basic Experion® Process Knowledge System (PKS) components and identify the benefits of an open architecture?

This course provides participants with a full understanding of a system network hierarchy and the components that reside on each network layer given multiple business/process applications. Online interactive exercises allow you to become familiar with network concepts and to build your personal network architectures given specific process requirements.

Who Should Take This Course?
Experion PKS System Planners, Engineers, or Managers

• Required to implement plans for installing small to large systems
• Required to identify network best practices for implementing the architecture
• Required to identify core components and features of the architecture
• Required to provide knowledge and influence the transition from proprietary systems to open systems

Course Benefits
Builds confidence in implementing your System

• When ordering system components to implement your architecture systems
• In identifying different architectures and cluster configurations given simple to complex systems
• In understanding the different component configurations (servers, clients, advanced control, domains, history, etc.) required by small to complex systems
• In identifying the key communication issues between components within the architecture

Prerequisite/Skill Requirements

Prerequisite Course(s)
• None

Required Skills and/or Experience
• None

Desirable Skills and/or Experience
• Working knowledge of your process
• Working knowledge of Windows Server 2016 and Windows 10

Course Topics
You will learn in R501 how to…

• Recognize the role of the major hardware and software components and learn how data flows through the Experion Server
• Identify Basic Station Operations
• Identify 3rd party integration concepts involving IEC61850 and Ethernet IP
• Identify the use of Configuration Studio to use for server configuration
• Identify Station Types and Security Options
• Identify Experion High Security Network Architecture involving Secure communication
• Identify Distributed System Architecture
• Identify integration with EHPM, ETN, ELCN Bridge and Panel PC

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.