**Course Overview**

Course number: EXP-1016-VILT  
Course length: 3.5 days

Need to know about OPC fundamentals and how to use it with Experion PKS?

This course provides participants the ability to configure and manage Experion PKS interface with 3rd party devices and systems via OPC. The course provides an overview of OPC, explains various Experion OPC options and hands-on labs to install, configure and troubleshoot OPC connectivity.

**Course Benefits**

Improve your knowledge and capabilities towards implementing OPC with Experion PKS system

- Gain the basic skills to use OPC
- Identify Experion OPC options and how to use them
- Understand monitoring and troubleshooting of Experion OPC options

**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 End-Users, System Administrators, Maintenance Technicians and System Integrators who are responsible for Experion and third party system integration.

**Prerequisite/Skill Requirements**

**Prerequisite Course(s)**

- EXP-02 or EXP-02-AT or EXP-02-VT

**Required Skills and/or Experience**

- None

**Desirable Skills and/or Experience**

- Basic understanding of Microsoft concepts and networking

**Course Topics**

- Introduction to OPC
- Planning for OPC
- OPC Server Client Installation
- OPC Server Client Configuration
- Experion OPC DA – Experion as a Server and as a Client
- Experion OPC HDA – Connection to 3rd Party Historian
- Experion OPC A&E – Connection to 3rd Party Alarm Management Software
- Experion OPC UA – Connection to OPC UA compliant tool
- Experion OPC Integrator
- Configuration of Experion OPC Options
- Monitoring OPC Data
- Using OPC Data with Controllers
- Experion Integration with other Honeywell products
- Troubleshooting of Experion Options

**Additional Training**

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