

## EXPERION LX: Operations and Maintenance

### COURSE OVERVIEW

**Course Number: ELX-0003**

**Course Duration: 5 Days**

**Prerequisite Course (s): None**

This course explains the Experion LX System Overview and provides participants the ability to perform the following Experion LX System tasks such as:

- Navigate through Station, Various types of Displays and its objects
- Monitor and Operate General Process Operations
- Operate, Monitor and Change parameters from Experion Group Displays, Detail Displays
- Monitor, Recognize Process Alarms, Events, Trends and Act on Process Upsets
- Generate reports

The course presents the C300 Controller, UOC Controller, their I/Os and Console/Flex Station hardware. The course includes hands-on lab exercises where students Navigate, Monitor, Handle Alarms, Events and Operate the Process Upsets.

The course is divided into two sections. It covers the Operations and Maintenance.

### COURSE DELIVERY OPTIONS

- Instructor-Led Training (ILT)

### COURSE OBJECTIVES

- Know different Experion LX System Architectures
- Navigate through Experion Station and Various Displays
- Monitor and Operate the Process Operation using:
  - Group displays
  - Detail Displays
  - Process Alarms
  - System Alarms
  - Experion Trends
  - Events
- Extract Experion Data and use in Other Applications using Microsoft Excel Data Exchange
- Configure History Assignment and Archiving
- Know HMIWeb Display Builder Functions
- List Report Types and Configure Pre-Formatted Report
- System Security
  - Station-based security
  - Operator-based security
- Control Builder Introduction
- Enterprise Model and Asset Model
- Identify C300 and UOC Hardware Components
- Database Administration Tools
- Define the Troubleshooting Process, Identify Common Failure Modes and solutions and Describe Redundancy Restore
- Understand, Install and Configure System Management (SES/SPS)
- Experion LX Engineer Station Performance, Shelve Alarm and Dynamically Suppress Alarm
- Describe FTE Status Display
- Describe Maintenance Recommendations
- Troubleshooting Resources, Troubleshooting Information in PDF Collection and Station Help