

EXPERION PKS: FUNDAMENTALS – TPS TO EXPERION PKS/EXPERION LCN SYSTEM INTEGRATION OVERVIEW

COURSE OVERVIEW

Course Number: EXP-1021

Course Duration: 5 Days

Prerequisite Course (s): TPS-0005

This course provides participants with the information and ability to install, migrate and troubleshoot both the hardware and software of an Experion PKS/Experion LCN system integrated with a TPS/TDC3000 System with HPM/EHPM Controllers, ELMM, TCMI. Also, a review of all possible different migration scenarios is included.

- Participants will be introduced to the architecture of the Experion PKS system with connection options to the TDC LCN system. Included are best practices and migration tips
- Participants will be introduced to the advanced architecture of the Experion PKS-TPS system with new Experion LCN components like ELCN Bridge, UEA Based ELCN nodes, Virtual ELCN nodes and EUCN (ENIM/EHPM) along with Enhanced TPS-Nodes (ETN), ELMM and TCMI (Triconex)
- Participants will gain valuable skills through hands on migration of HPM points to C300's Control Modules, CL programs to Custom Algorithm Block (CAB's), and US-GUS graphics to HMIWeb displays.

COURSE DELIVERY OPTIONS

- Instructor-Led Training (ILT)
- Virtual Instructor-Led Training (VILT)

COURSE OBJECTIVES

Experion PKS-TPS integration overview:

- Database overview
- Migration scenarios
- xPM to EHPM migration (Off Process Migration)
- HPM to EHPM migration ELCN (On Process Migration)
- Experion-TPS configuration
- Migrate xPM to C300
- Migrate HG to EHB
- Migrate LM to ELMM
- Migrate FSC to SM
- Migrate Triconex to TCMI
- Migrate TPS AM to Experion ACE
- Migrate TPS graphics to Experion
- ELCN overview