

UNIFORMANCE PHD: ADVANCED – INTERFACES AND SYSTEM ADMINISTRATION



COURSE OVERVIEW

Course Number: UNI-0004

Course Duration: 3 Days

Prerequisite Course (s): UNI-0003

This advanced course provides in-depth knowledge of tools, interfaces and configuration of the Uniformance® Process History Database (PHD) system including usage of tools, managing RDI's and Links, building and synchronizing tags, managing an backing up archives and SQL database, and implementing data security and auditing. The course also provides the knowledge to utilize the various API's for reading/writing data in conjunction with your applications. Hands-on exercises provide practical experience for above tasks.

COURSE DELIVERY OPTIONS

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

COURSE OBJECTIVES

- Overview and recap of Uniformance PHD and System Architecture
- Work with Uniformance System Console
- Automate maintenance with Uniformance System Monitor Embedded edition (USM)
- Monitor and Troubleshoot PHD Operation
- Recognize RDI and Link types
- RDIs and Links configuration and management
- Robust Data Collection, Inclusive Backup Shadow Server
- Create and modify Tags, work with inheritance
- Understand Tag Synchronization
- Import-Export Database configuration, like Tags
- Work with and configure On-demand calculations or Virtual and Functions
- Work with and create Manual Input Tags
- Adding User-Defined Engineering Units
- Monitor Tags, RDIs and other PHD components
- Understand PHD Accounts and Security Options
- Manage PHD Archives and History Recovery
- Backup strategies of Archives and SQL Database
- Implement roles, data security and auditing
- Understand API's for data access
- Work with Visual PHD for VBA, .NET wrapper and PHD OLEDB
- Understand Consolidated Event Journal
- Understand LxS remote RDI