

Training Course

SmartPlant Foundation Modeling and Mapping - TSPE3238

The SmartPlant Modeling and Mapping course is the second in the Process, Plant and Marine series of classes designed to introduce an administrator and a data modeler to the SmartPlant data dictionary and structure. This course, which is a pre-requisite for the SmartPlant Adapter Authoring class, provides a good introduction and understanding of meta-schema and schema concepts, an overview of the SmartPlant Schema definition, and a working knowledge of the Schema Editor. SmartPlant Modeling and Mapping will also provide an understanding of mapping concepts and how to use the Schema Editor to configure mapping between the SmartPlant Schema and the authoring tool meta schema files. Also included is the necessary steps to model from one authoring tool to a different authoring tool in preparation for the SmartPlant publish and retrieve functionality. The ability to load the modified schema into the SPF administration database is also covered. The class is presented as a combination of lecture sessions followed by hands-on activity periods. Download the course guide Table of Contents.

Topics Covered:

- Review of the SmartPlant Architecture
- Introduction to the Schema Editor
- Schema Overview and Modeling
- Viewing and finding publish data
- Authoring tool modeling steps
- Mapping between SmartPlant and SmartPlant P&ID
- Mapping between SmartPlant and SmartPlant Instrumentation
- Mapping between SmartPlant and SmartPlant Electrical
- Mapping between SmartPlant and SmartPlant 3D
- Schema Loader

Prerequisite:

- SmartPlant/SmartPlant Foundation Introduction and Administration I - TSPE2138 (*Optional for programmers/data modelers, Required for System Administrators*)
- Familiarity with Microsoft Windows NT 2000, XP or Windows Server 2003
- Knowledge of database administration (i.e. Oracle, Microsoft SQL Server)

Length:

5 Days