PLANT SCADA TRAINING

TRAINING DESCRIPTION

The AVEVA™ Plant SCADA Configuration course is a 4-day, virtual instructor-led class designed to provide a fundamental understanding of the features and functionality of the AVEVA™ Plant SCADA software. It covers topics on designing Plant SCADA projects and becoming familiar with an integrated engineering interface called Plant SCADA Studio. The course specifically covers how to design a project from start to finish and configure various features, including equipment hierarchy. This interactive course includes hands-on practice with plant control, data collection, trending, and reporting. In this course, you will also learn how to apply, formulate, and troubleshoot Cicode basic programming solutions for your SCADA project.

TRAINING OBJECTIVES

- Create new projects based on the Situational Awareness Starter Project
- Use Plant SCADA to communicate with an I/O device
- Utilize the benefits of an equipment hierarchy
- Create graphics pages and manipulate graphics symbols
- Generate and manage alarms, trends and reports
- Troubleshoot and resolve problems encountered during the course
- Use the online Plant SCADA Help Topics and Knowledge Base effectively

AUDIENCE & PREREQUISITES

- Users who have no previous SCADA experience
- Experienced SCADA users who are new to Plant SCADA as a guide to the differences between Plant SCADA and other SCADA products.
- System integrators / Engineers
- Manufacturing industry experience

TRAINING SCHEDULE

This training course has been developed based on the following daily schedule:

Daily Session	8 hours	Usually from 9:00 AM to 5:00 PM
Lunch	1 hour	12:00 PM to 1:00 PM
Breaks	2 x 20 minutes	10:00 AM and 3:00 PM

Based on the daily schedule above, the topics for this training course are estimated to break as follows:

Day 1	Ice Breaking Module 1 – Introduction Module 2 – Project Management Module 3 – Architecture and Topology Module 4 – I/O Communications Module 5 – Equipment Module 6 – Configuring Mixer Plant
Day 2	Module 7 – Content Pages Module 8 – Navigation Module 9 – Graphic Elements and Animation Module 10 – Operator Input Module 11 – Genies Module 12 – Popup Pages
Day 3	Module 13 – Composite Genies Module 14 – Faceplates Module 15 – Alarm Configuration Module 16 – Alarm Management Module 17 – Cicode Module 18 – Configuration Data Import and Export Module 19 – Devices
Day 4	Module 20 – Events Module 21 – Trends Module 22 – Reports Module 23 –Advanced Graphics Module 24 – Security Appendix A – Industrial Graphics Appendix B – Additional Exercises