
Omnivise T3000 Advanced Hardware course. (OT3KADVHW)

Short Description

This course explores the hardware devices commonly found in the Control Room. Students will gain an understanding of what each device is used for and how to properly implement, maintain, and troubleshoot. The student will also learn how to properly administer each device in T3000, create each device's management proxy, and appropriate communication containers when necessary. The course focuses on all users dealing with I&C engineering, and service.

Objectives

Upon successful completion of this course, the student should be able to:

- Describe the CS3000/AS3000 modules
- Understand how the CS3000 device is used for communication with T3000 and 3rd party devices
- Configure an AS3000 device for use as an Automation Processor
- Understand the Addfem Module
- Address an Addfem POCO
- Create a runtime container for use with an FM458
- Load and Troubleshoot an FM458 Runtime Container
- Understand Network Time Protocol (NTP)
- Configure a Buerk Clock
- Understand the OPC server and client container
- Reset OPC communication
- Create management proxies for the various devices
- Upgrade the firmware on S7 Automation Processor.
- Set up a Scalance
- Upgrade the firmware on a Scalance module.

Target Group

This course requires a good understanding of Omnivise T3000 system architecture and basic Power Plant layout. Student will have existing knowledge of how to create, test and modify function diagrams or plant displays using engineering and operational views.

Content

Buerk Clock
Thin Clients
Scalance
CS3000
AS3000
Addfem (POCO & Native)
FM458
S7 AP Firmware Upgrade
OPC

Prerequisites

Prior completion of Omnivise T3000 Engineering is strongly recommended.

Type

Face-to-face training

Duration

4 days

Language

en

Fee

Price 'per seat' (classroom at Orlando, FL training facility) 4560 USD.