BACnet Object Handling

enteliWEB and ORCAview software and digital controllers

Structure	Level	Cost	Duration
60% Theory 40% Practice	Intermediate	**$875** + taxes per participant	2 days (16 hours)

Objective

The objective of this training session is to understand the intermediate functions of the enteliWEB or ORCAview software, and become familiar with Delta Control's digital controllers.

The participant will be able to manage buildings with centralized control systems using the basic functions of the software.

- Introduction to BACnet controllers
- Introduction to the software
- Creation and configuration of BACnet objects (schedule, alarm, history, meters, etc.)

Audience

Project managers, system engineers, product managers, after-sales or maintenance support technicians, integrators who design, install, use, diagnose or upgrade a BACnet network.

Prerequisites

- Technical training in HVAC
- Basic knowledge of the Windows environment

Dates, venue & registration

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Course Content

1 Basic principles of BACnet & LINKnet protocols
- Introduction to enteliWEB / ORCAview
- Delta Architecture
- Communication Links
- Controllers
- Sub controllers

2 Simulation post- Part 1
- Controllers
- Ventilation System
- Inputs & Outputs Points

3 BACnet objects and guided exploration of available tabs
- Demo of BACnet infrastructure in our rooms
- BACnet Controller
- Analog Input (AI)
- Binary Input (BI)
- Analog Output (AO)
- Binary Output (BO)

4 enteliWEB software demo
- enteliWEB software functioning analysis
- Guided exploration of available tabs
- Graphic module
- Events module

5 Simulation post- Part 2
- Launching the software – The Delta Navigation
- Communication Links
- Inputs & Outputs Objects of the simulation post BACnet
- Practical Exercise – Research on the simulation station

6 Launching the control systems of the building
- Users and password
- Establish the communication
- Setting the time
- Help icon
- Management of controller's databases
- Filters and sorting

7 BACnet objects and Reading the controller database from the simulation station
- Navigator & Objects Windows
- Graphic Module
- Events & Alarms Module

8 Managing operations on the simulation station
- Manual operation and automatic operation of the variables, inputs and outputs
- Manipulation of the operation part via the graphic interface