

# FIN Stack 4.0 Training Agenda

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## Day 1

### 8:30 – Class Starts

Welcome and Introductions

Distribute Resources and Install Software

FIN Stack Apps and Architecture

### 10:00- 10:15 - Break

Haystack and Tagging

### 12:00 - 1:00 - Lunch

#### Connectors

- Haystack

#### Templates

- Saving
- Restoring

#### New Project

- Creating a new project and setting defaults
- finHost and licensing
- Settings App
- Info App

### 2:45 - 3:00 - Break

#### Libraries

- Using default point and equip library
- Creating custom point and equip libraries

#### Connectors – Cont.

- BACnet

### 4:30 End of Day 1

## **Day 2**

### **8:30 – Start of Day 2**

#### **Connectors – Cont.**

- nHaystack (or other depending on audience)

#### **Connector Issues**

- Tuning Policies
- History Sync Jobs
- Miscellaneous Connector Issues

### **10:00- 10:15 - Break**

#### **Logic Builder**

- Logic Builder editor basics
- Logic Builder object library
- Using Logic Builder to create logic

### **12:00 - 1:00 - Lunch**

#### **Alarming**

- Alarms vs FDD
- Using Logic Builder to create FDD Scenarios

### **2:45 - 3:00 - Break**

#### **Scheduling**

- Creating new schedules with Weekly and Holiday Events
- Cloning Events to multiple schedules
- Assigning points to schedules

#### **Histories**

- Methods for creating point histories
- Using History charting and viewing tools

### **4:30 – End of Day 2**

# **Day 3**

## **8:30 – Start of Day 3**

### **Basic Custom Graphics**

- Introduction to Graphic Builder App
- AHU Graphics
- VAV Graphics
- Floor Plan Graphics

## **10:15 - 10:30 - Break**

### **Summary Views**

- Creating Summaries
- Viewing Summaries

### **Stack Hub**

## **12:00- 1:00 - Lunch**

### **Users**

- Creating Users
- App Permissions
- Access Filters
- Subscriptions

## **2:45 - 3:00 - Break**

### **Folio App**

- Snapshots
- Axon Queries
- Haystack Filters
- Batch editing

## **4:30 – End of Day 3**

# **Day 4**

## **8:30 – Start of Day 4**

### **Practical Application Lab**

On Day 4, students are given a variety of source materials including site drawings, equipment lists, wiring diagrams, graphic files, templates, and point libraries. These resources are provided so that the student has everything they need to complete a real BACnet integration job.

The students will be expected to integrate live data and build equipment architecture, data modeling, graphics, schedules, alarms, logic, histories, and summaries. Students should be able to complete this entire job in less than 4 hours. Instructor will be available for assistance, so that the student will leave the class knowing that they have the requisite knowledge, skills, and tools to complete a real job.

## **12:00 – Class Complete**