

# BAS Course Instruction



## WebCTRL Operator 1

<i>Who is this course for?</i>	<b>End-users of the Automated Logic WebCTRL system</b>
<b>Format</b>	Instructor-led training with extensive hands-on tasks. The class environment is relaxed, and student participation is encouraged. Each student workstation includes a WebCTRL server and a set of online ALC hardware.
<b>Length</b>	2 ½ days
<b>Objective</b>	Attendees will be able to operate a WebCTRL system and customize the system to their requirements, performing operations such as: <ul style="list-style-type: none"><li>• Configuring operators</li><li>• Entering schedules</li><li>• Creating and viewing trend graphs</li><li>• Monitoring alarms and configuring their associated reporting actions</li><li>• Creating system reports</li><li>• Using time-lapse feature</li><li>• Navigating logic pages</li><li>• Basic control module and system troubleshooting</li></ul>
<b>Course Outline</b>	<b>DAY 1</b> <b>Typical System Overview</b> Overview of I/O hardware and typical applications of each module type <b>Basic Concepts Overview</b> Overview of BACnet including: <ul style="list-style-type: none"><li>• Purpose</li><li>• Supported network formats</li><li>• Use of router and devices</li><li>• Addressing schemes</li></ul> <b>WebCTRL</b> <ul style="list-style-type: none"><li>• Begin study of each operation available in WebCTRL</li><li>• Navigation</li><li>• Action pane and buttons</li><li>• Graphic pages</li><li>• Properties pages</li><li>• Logic page</li><li>• Enter and modify schedules</li></ul>

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# WebCTRL Operator 1 (cont)

## Course Outline

### **DAY 2**

#### **WebCTRL (cont)**

- Operators, roles, and privileges
- Configure and view reports
- Manipulate setpoints
- Manual commands

#### **Configure and View Trends**

- Collect trend data for a point
- Create a custom trend graph
- Using trend graphs

#### **Alarms**

- Brief overview of the alarm process
- Detailed hands-on exercise in how to use the alarm log
- Brief overview of how to configure an alarm database
- Time-lapse of graphics, alarms, or trends pages

### **DAY 3**

#### **ALC Cost-Saving Strategies**

- Setpoint optimization—trim and respond
- Heat and cool sources
- Optimal start

#### **WebCTRL Server Startup and Maintenance**

- Starting up and shutting down the server
- License and updates
- System settings
- System backup
- Intro using Add-on's (notes, zone history)

#### **Review and Conclusion**