

# Continuum Network and Hardware Essentials

## Course Description

This course is a comprehensive look at the Network and Hardware fundamentals associated with the Continuum product. It follows a logical path, studying general industry networking and electronics standards and then translating this knowledge to the specific issues associated with the installation, performance and troubleshooting of a typical Continuum site. At the conclusion of the course the student will be able to employ multiple diagnostic tools to isolate, evaluate, and repair simulated network and hardware problems.

## Intended Audience

This 4-day course is intended for those who will be planning the network design, installation, commissioning and maintenance of a Continuum installation

## Prerequisites

Continuum Configuration (Security or HVAC)

<p style="text-align: center;"><b>Day 1</b></p> <ul style="list-style-type: none"><li>• Andover Controls Architecture</li><li>• Orientation to Cyberstation</li><li>• Basic Electronics</li><li>• Hardware Installation Requirements</li><li>• Power and Grounding</li><li>• Introduction to Command Terminal Operations</li></ul>	<p style="text-align: center;"><b>Day 2</b></p> <ul style="list-style-type: none"><li>• Introduction to Networking</li><li>• Ethernet and TCP/IP</li><li>• Continuum IP</li><li>• RS485</li><li>• Infinet</li><li>• I/O</li><li>• Template Applications</li></ul>
<p style="text-align: center;"><b>Day 3</b></p> <ul style="list-style-type: none"><li>• Configure and troubleshoot inputs</li><li>• Configure and troubleshoot outputs</li><li>• Card Readers and Keypads</li><li>• BACnet networking</li><li>• BACnet IP</li><li>• MS/TP</li><li>• BACnet Broadcast Management Devices</li></ul>	<p style="text-align: center;"><b>Day 4</b></p> <ul style="list-style-type: none"><li>• Troubleshooting the Infinet</li><li>• Troubleshooting the I/O bus</li><li>• Troubleshooting MS/TP</li><li>• ROAM I/O</li><li>• Power Fail</li><li>• Resets</li><li>• Memory Loss</li></ul>