

# OneWireless System Implementation and Maintenance



## Course Overview

**Course number:** HW40\_WBT

**Course length:** 4.0 days

This course provides participants the ability to perform the following tasks as applicable to their system that include:

- Configuring and setting up the Wireless Server
- Commissioning the wireless gateway and multinodes
- Managing the OneWireless System using network diagnostic tools
- Maintenance of the OneWireless System
- Commissioning of an XYR 6000 device
- Building a control system point using OPC and/or Modbus to access OneWireless device data

## Course Benefits

### Be able to deploy a OneWireless System and

- Operate the system with confidence
- Transition smoothly to wireless technology
- Manage a OneWireless System effectively
- Integrate OneWireless with your DCS system
- Explore how OneWireless could be used for your new measurement requirements

## Course Delivery Options

- [Virtual Training](#)

*IMPORTANT – Prior to registration for this course, read Items 1 and 3 in the [Virtual Training Access Requirements](#) document on our website.*

## Who Should Take This Course?

### Control system support personnel who need to

- Become familiar with the OneWireless product
- Configure devices for a OneWireless System
- Manage and monitor a OneWireless System

The course is intended for users who are new to OneWireless.

## Prerequisite/Skill Requirements

### Prerequisite Course(s)

- Previous completion of a DCS system course

## Desirable Skills and/or Experience

- Knowledge of DCS system architecture and networking
- Familiarity with field measurement devices and application
- General understanding of wireless network topologies and RF principles
- General understanding of Windows networking
- General understanding of how to apply OPC and Modbus to access process data

## Course System Requirements

To complete the lab exercises, it is highly recommended that you have access to a OneWireless system, such as a OneWireless starter kit. Additionally, we recommend that you also have access to an Experion Server enabled with SCE. Several lab exercises will have you integrate OneWireless with Experion. These systems and their software must be provided by the participant.

## Additional Training

To increase your knowledge and skills regarding wireless LAN concepts, there are additional courses, books, or resources available from third party sources that Honeywell can suggest. Our instructional team has the following suggestions on how you can increase your wireless skills and knowledge. The following training offerings are suggested by Honeywell to provide you additional background in wireless concepts. Check with the vendors and your own Human Resources department before registering as you may have a corporate discount that could apply.

- “Wireless LAN Foundations” from [www.globalknowledge.com](http://www.globalknowledge.com)
- “CWNA Certified Wireless Network Administrator” from [www.newhorizons.com](http://www.newhorizons.com)

The following courses are available through SkillSoft (<http://www.skillssoft.com>). Suggested SkillSoft courses include the following:

- Wireless Communication Basics
- Wireless LAN Technologies
- Security and the Wireless Environment

The following book is highly recommended.

- CWNA: Certified Wireless Network Administrator Study Guide (Exam PW0-100) by David D. Coleman and David A. Westcott

To increase your knowledge and skills, there are additional courses available from Automation College.

**For more information and registration, visit [www.automationcollege.com](http://www.automationcollege.com).**