



3Com® Wireless 8760 Dual-radio 11a/b/g PoE Access Point

Integrating with a 3Com Wireless Mobility System Feature Configuration Note

Contents

About This Document	1
System Requirements	1
Preparing the 8760 Access Point	2
Configuring the 8760 Access Point	2
Using the 8760 AP with your MSS	3
Resetting Access Points	3

About This Document

This document describes how to use your 3Com® Wireless 8760 Access Point with a 3Com Wireless LAN Mobility System.

The 3Com Wireless LAN Mobility System is an enterprise-class system that provides secure roaming with centralized device management, RF management, and rogue detection. The Wireless LAN Mobility system centrally manages and controls 3Com wireless managed access points (MAPs).

The 3Com Wireless 8760 Access Point can be configured as a MAP for use in the Wireless Mobility System.

System Requirements

- 3Com Wireless 8760 Dual Radio 11a/b/g PoE Access Point (3CRWE876075) running software version 2.1.13 or higher.
- 3Com Wireless LAN Controller (WX4400, WX2200, WX1200, or WXR100) running Mobility System Software (MSS) version 6.0.3.x or higher.
- 3Com Wireless LAN Switch Manager software (3WXM) version 6.0.3.x or higher.

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Preparing the 8760 Access Point

The AP 8760 is a dual-function access point and has two start-up modes: *Stand-alone* and *Managed*. The start-up mode determines how the access point operates.

- **Stand-alone mode:** The access point operates as an independent fully-functional standalone device. This is the access point's default operating mode.
- **Managed mode:** The access point operates as a device that is dependent on the 3Com Unified Switch 24 or 3Com Wireless Mobility System for management and control.



NOTE: Use *Managed mode* only if you are operating the 8760 with the 3Com Unified Switch 24 or 3Com Wireless Mobility System.

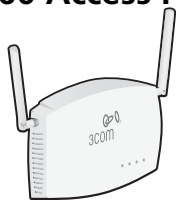
In order to use the access point with the 3Com Wireless Mobility System, you must first download the WX AP Software from the 3Com Web site and configure the access point.



NOTE: Ensure that the access point *Stand-alone* firmware is at the minimum required level. Make sure that the device is in *Stand-alone* mode and is manageable from the access point's Web browser.

The following section describes how to download the latest WX AP software and prepare the 3Com access points for use with your 3Com Wireless Mobility System.

Configuring the 8760 Access Point



If you are not familiar with accessing the 3Com 8760 Web interface, refer to the *8760 Access Point Quick Start Guide*.

To configure the 8760 Access point:

- 1 Log onto the access point Web interface.
- 2 Ensure that the 8760 Stand-alone firmware version is 2.1.13 or greater.
 - a View the firmware version on the **Advanced Setup -> Status -> AP Status** page.
 - b Upgrade the Stand-alone firmware, if required.

Get the latest firmware from 3Com's web site at www.3Com.com by selecting **Support & Downloads** then **Downloads & Drivers** and entering the model number (3CRWE876075).
 - c Use the **Advanced Setup -> Administration** page and scroll to the **Firmware Upgrade/Local** section to upgrade the Stand-alone firmware.
- 3 Load the AP3150 managed software into the 8760 Access Point. Use the **Advanced Setup -> Administration** page and scroll to the **Firmware Upgrade/Local** section to upgrade the Managed firmware.
- 4 Change the access point Start-up Mode from Stand-alone to Managed using the **Advanced Setup -> Administration** page and scrolling to the **Start-up Mode** section.
- 5 Click the **Change Start-up Mode** button.

- 6 After the Configuration Complete message appears, reset the access point by clicking the **Reset** button.
- 7 To make the access point active on your 3Com Mobility System, refer to the *3Com 3WXM User Guide*.



NOTE: After the access point is in Managed mode, it can no longer be accessed using WIDMan, HTTP, Telnet, or SNMP. **An access point in Managed mode can only be discovered and managed by the 3Com WX switch or a 3Com Unified Switch 24, depending on the specific managed software that is loaded.** To return the access point to the default Stand-alone mode, refer to “Resetting Access Points” below.

Using the 8760 AP with your MSS

After loading the AP3150 managed software into your 8760 and rebooting the unit, the MMS can detect your access point. The 8760 is displayed on the system as an AP3150.



NOTE: Loading the AP3150 Managed software into your 8760 access point causes the 8760 to be displayed and behave as an AP3150 on your network.

Resetting Access Points

To restore your AP 8760 to Stand-alone mode — or to recover an access point that was inadvertently changed to Managed mode — perform a long reset as described below. You can use the **Reset** button on the access points to perform two system reset types:

- **Short Reset** — A short reset deletes the current configuration file and restores the factory settings. The short reset does not change the start-up mode of the access point, so if the access point’s start-up mode is Stand-alone it remains in Stand-alone mode. If the access point’s start-up mode is Managed it remains in Managed mode.

To perform a short reset, press and hold the **Reset** button for at least 5 seconds (but not more than 20 seconds).

- **Long Reset** — A long reset changes the access point’s start-up mode back to the factory default Stand-alone mode. Use this only if the access point was inadvertently changed to Managed mode and you want to return it to Stand-alone mode. A long reset is the only way to return from Managed mode to Stand-alone mode.

To perform a long reset, press and hold the **Reset** button for at least 20 seconds.