



Product

Ultima 3

Software Version

4.3.7

*Note: Please read this entire document before proceeding with the upgrade; there may be special instructions or prerequisites that need to be followed.*

Reason for Change

The software, as listed in the “Files Included Section”, including the procedures defined in this document will provide the following changes (enhancements and bug fixes) for your Wi-LAN product.

Enhancements (Since Release 4.3.6):

**1. Improved VLAN prioritization performance**

A new algorithm has been created in this software release to improve VLAN prioritization by regulating the amount of low priority traffic we send to the air based on high priority traffic levels.

Known Issues:

1. None

Status (Mandatory, Recommended or Optional)

**Recommended** - This SFCO includes fixes for service affecting issues and should be installed as soon as possible.

Prerequisites

This software is supported on all models of Ultima 3 (ER, RD, SR, CPE, AP) and may be applied to units that were running previous versions.

## Upgrade Procedure

Upgrade the Ultima3 product using following procedures:

1. Unzip the file Ultima3\_sv4.3.7.zip to your c:\ directory. There will be 3 files:
  - a. **A58400437.bin** – The software for the Ultima3 product.
  - b. **SFCO-Ultima3-002.pdf** – These Software Release Notes.
  - c. **A58-03-06.mib** – The MIB file.
2. Connect to the Ultima3 unit via Telnet or direct on Serial port then open the “System Revision Information Screen” to determine if the upgrade is necessary. The following table indicates the upgrade has been applied.

File Name a58400437.bin Software Rev 4-3-7 (Wi-LAN AWE 120-58)	If the Revision matches the image to the left, No upgrade is necessary.
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3. Ultima3 software transfer - if upgrade is required, perform the following step
  - a. **If there is not sufficient space you will need to delete an older version before transferring in the new version.**
  - b. If there is sufficient space then FTP The appropriate files into the units for upgrade:
    1. Open an FTP session to the unit using the login ID of "awe" and your “supervisor” Password.
    2. FTP the Ultima3 Image (**a58400437.bin**) into the unit
4. Reboot new image as follows:

Login into the device and from the system commands menu select Reboot a System Image ->. Use the arrow keys to select **a58400437.bin** then press return to reboot this image.
5. Upon successful startup, confirm the new load is working correctly. When the new load has been verified then select the new system image as the default image in the “System Commands” menu.

**Warning: Do not set the new image as default until it has been confirmed as working properly. Following this warning provides a back-out procedure, by power cycling the unit, to get back to the original version if problems prevent the new load from starting correctly.**

Login into the device and from the system commands menu Set Default System Image ->. Use the arrow keys to select **a58400437.bin** then press return to select this version as default.

6. Verify the current revision of software in the System Revision Screen:

Hardware	Rev 4.0.0 <8MB SDRAM, 2MB Intel Flash>
ROM Size	0x200000
RAM Size	0x800000
Software	Rev 4.3.7 <Wi-LAN AWE 120-58> Aug 16 2004 10:12:45 727620 Bytes
File Name	a58400437.bin

### Back-out Procedure

1. If the new software must be removed then complete the following steps:

Login into the device and from the System Commands menu select Set Default System Image ->. Use the arrow keys to select original software version then press return to select this version as default.

In the System Commands menu select Reboot a System Image and use the arrow keys to select the original version. Press enter and the system will reboot the original version.