Upgrading Firmware

After you have installed AP-Ware, open it and complete the following steps.

1. Establish a direct connection using a 9-pin straight-through serial cable from your PC to the AP unit.

2. Open AP-Ware and click the <u>New Site button</u> on the toolbar.

3. The Site Properties window will open. Select the Communications tab. From the drop-down menus, select the desired **COM Port** and **Baud Rate**. The Baud Rate selected here must match the Baud Rate on the AP unit.

4. Set **Flow Control** to None. Click OK to save the settings and close the window.

🧱 Site Properties - Ge	ntner Main	X
Site Communications		
Comm Port:	Com1	
Baud Rate:	9600	
Flow Control:	None	
🕞 Use Modem 💳		
Phone Number:		
Init String:	AT&FE0&C1&D1	
Reset String:	ATZ	
Modem Password:	# A	
Panja Configuration		
Use AMX	AMX Port Number 1	
	OK Cancel	

5. Click the *Firmware Upload button* on the toolbar to open the Firmware Uploader.

Ē	Firmware Uploader
	Select File Communications Progress Finished
	Step 1 - Select a Firmware Source File Select a firmware source file to upload into the unit. The wizard will verify the contents of the file to ensure data integrity. When you are done, select "Next"
	Browse File Check
	Once a file has been selected, the wizard will check the file for errors. The status will be shown in the window below.

<u> <u> P</u>rev <u> N</u>ext </u>	<u>F</u> inish	<u>C</u> lose

6. Click **Browse** to locate the firmware file.

Open				? ×
Look jn: 🔂	Firmware	•	🖻 💆	📸 🔳
Ap400osa.	s			
Ap400ose.	s			
Ap800osa.	s			
	•			
, File name:	r			Open
The <u>H</u> ame.	1			open
Files of type:	S Files (*.S)		•	Cancel
				11.

7. Select the firmware file that matches the current firmware version on your AP unit and click **Open**.

Note: The current firmware version is displayed in the front panel LCD. If there is no letter following the version number, select the appropriate **osa.s** file. If the letter **e** follows the version number, select the appropriate **ose.s** file. For example: AP400 VER 3.0 requires Ap400osa.s; AP400 VER 3.0e requires Ap400ose.s.

8. The *<u>Firmware Uploader</u>* checks the file for errors. Click **Next**.



Checking File. Ple	ase Wait	
	Finish	<u>C</u> lose

9. Select the <u>COM Port</u> to be used for the connection and click Finish.

🚟 Firmware Uploader	×	
Select File Communications Progress Finished		
Step 2 - Select a PC COM Port and Baud Rate		
Select a PC COM Port 1 - 4 from the selection below, the Baud Rate is selected from the Site Properties. Click on "Finish" to start the Firmware Upload procedure		
Comm Port	Baud Rate	
C COM Port 1	COM Port 1 © 9600 Baud	
C COM Port 2	COM Port 2 O 19200 Baud	
C COM Port 3	COM Port 3 C 38400 Baud	
C COM Port 4		
If the Progress Tab does not appear, you may I Make a new selection, then click on "Finish" a	have selected the wrong COM port. gain.	
▲ Prev Next ► Finis	h <u>C</u> lose	

10. The <u>Progress and Finished tabs</u> display the progress of the file upload. When the firmware is uploaded, click **Start Over** on the Finished tab to upload firmware to another unit, or click **Close** to exit the program.

Note: Do not disconnect cables or otherwise interrupt the firmware upload process.

🧱 Firmware Uploader		×
Select File Communications Progress Finished		
Step 3 - Uploading Firmware		
This process will take some time. Please wait	A	
	8	
Reading Line 227		
		<u> </u>

		X
<u>N</u> ext 🕨	<u>F</u> inish	Close

🚟 Firmware Uploader 🛛 🗙
Select File Communications Progress Finished
You are Finished
The AP unit has been successfully programmed. Close will end the firmware upload, or you can program another AP unit by clicking on the Start Over button
If the unit does not respond to the reset sent by the software, reset the AP unit with a power cycle.
Sending Reset to AP Unit Initializing Unit. Please Wait Upload Complete.
<u>■</u> rev <u>■</u> ext ■ <u>E</u> inish <u>Close</u>