



Upgrading the SNAP Printer Through the Web Server



AVERY DENNISON

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Overview

It is possible to upgrade the SNAP Printer through the Web Server. To accomplish this, the upgrade file is transferred to the printer through an FTP Client Application, and then the user can start the printer upgrade through the Web Server.

This instruction uses the Filezilla FTP Client Application as an example. Filezilla is an open source FTP client that is available freely from <http://filezilla-project.org/> . Other FTP clients operate in a similar manner.

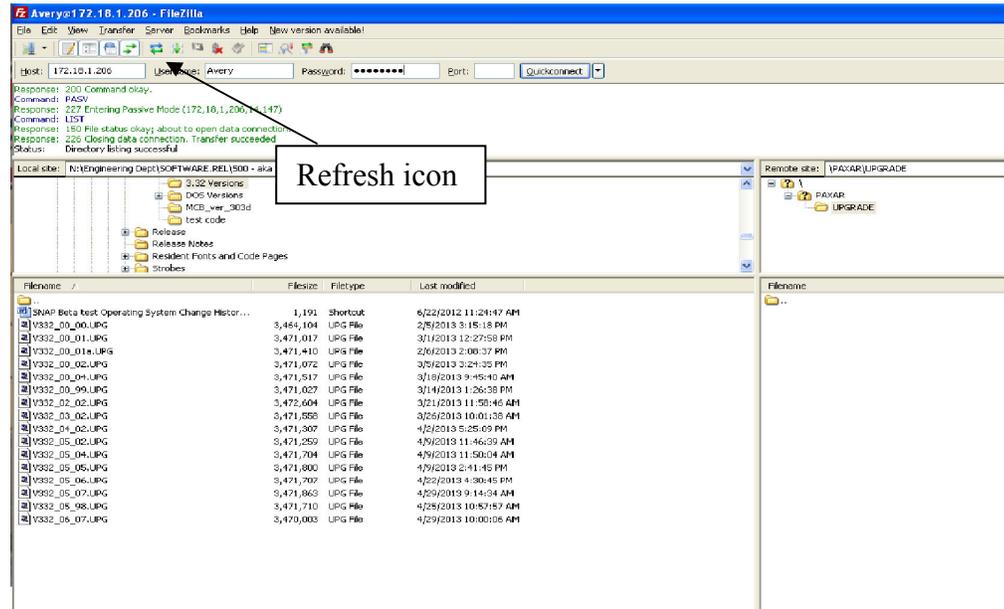
This upgrade procedure is only available in printer firmware version 3.28.11.01 and above. If the printer is not at this version or above it must be upgraded through PCMate or a USB drive. Future upgrades can then be done through the Web Server.

WARNING!

Accessing the printer through Filezilla or another ftp client allows access to the entire printer file structure. Moving, deleting or otherwise changing any files or folders can result in erroneous operation or disabling of the printer. Use caution.

Connecting to the Printer through Filezilla

Start the Filezilla application. The following window will appear:



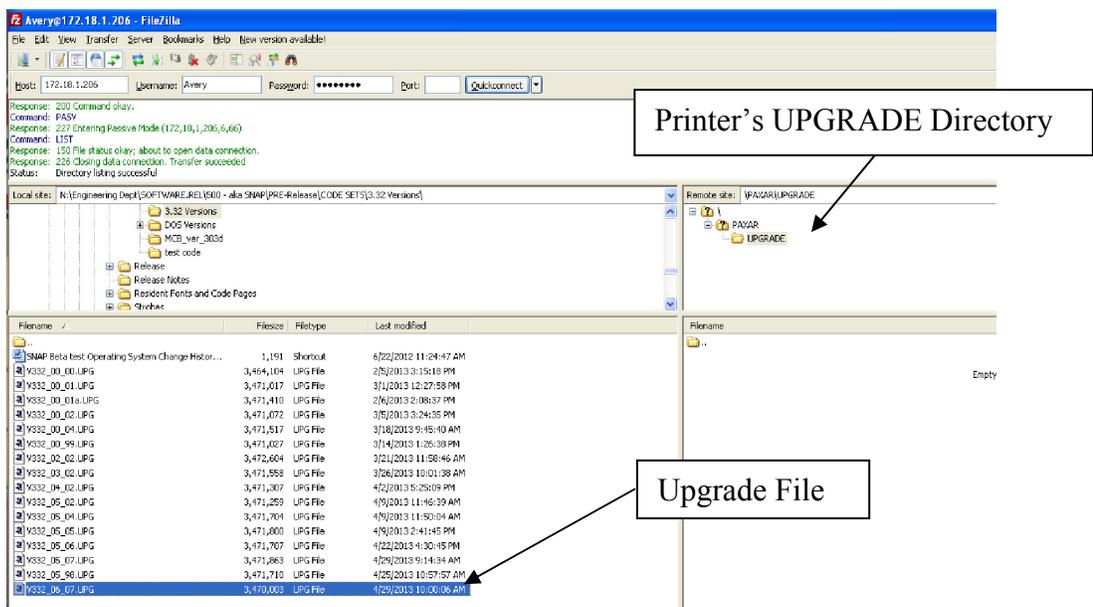
Enter the printer's IP address in the host box, enter the printer's username (Avery) and password (Dennison) in the corresponding boxes, and click the Quickconnect button.

The screen is divided into two sets of panes. The left panes show folders on the computer on the top and the files in that folder on the bottom. The right panes show the UPGRADE folder on the printer, and the contents of that folder. The UPGRADE folder should be empty when you first connect to the printer. The UPGRADE folder is the only folder on the printer that is accessible. If you try to change the folder, you will get an error message. Select View – Refresh from the menu or click the Refresh icon to refresh the view.

The information in these panes is not live – it is a snapshot of the file structure when the screen was last refreshed. To refresh the screen, select View – Refresh from the menu or click the Refresh icon on the toolbar.

Transferring the Upgrade File to the Printer

The screen below shows Filezilla ready to transfer the upgrade file to the printer. In the left panes, the folder on the computer that hold the upgrade file has been selected in the upper pane and the upgrade file is selected in the lower pane. In the right panes, the UPGRADE directory of the printer is shown. This is the only folder on the printer that is accessible. The upgrade file must be placed in the printer's UPGRADE directory.



To transfer the file, simply drag it from the bottom left pane to the bottom right pane, or double click the upgrade file. After the transfer, the file will appear in the UPGRADE folder.

NOTE
If the file does not appear in the Upgrade folder, check the Filename Filters (View – Filename Filters...) to ensure that no filters are set.

Upgrading the Printer

To upgrade the printer, first open a browser window, enter the printer's IP address in the address bar, and press Enter. The following window will appear.



The screenshot shows the Avery Dennison printer web interface. At the top left is the Avery Dennison logo. Below it is a table with printer information and a status section. The printer information table includes fields for Name (SNAP), Model (500), Serial # (0001817), SW Version (3.32.06.07), and IP Address (172.18.1.206). There is an 'Update Firmware' button next to the SW Version field and a 'Network' button next to the IP Address field. To the right of the printer information is a photograph of the printer. The status section includes fields for Batch ID (NONE) and Batch Count (0). Below the printer information is a 'Configure' button. The main configuration area is divided into four columns: Counters, Settings, Arbor Tensions, and Print/Cut Adjust. The Counters column has fields for Total Inches (1761018), Total Labels (869253), and Label Counter (0). The Settings column has fields for Language (ENGLISH), Verifier (Enabled), Cutter (Enabled), Print speed (Format), Flagging (Format), and Sense Mark Type (Format). The Arbor Tensions column has fields for Top Unwind, Top Rewind, Bottom Unwind, Bottom Rewind, and Stock, all set to 0. The Print/Cut Adjust column has fields for Top Print Adjust, Bottom Print Adjust, Cut Adjust, Top Printhead Category, and Bottom Printhead Category, all set to 0. At the bottom of the configuration area is a 'Show Files' button.

Printer Information		Status
Name:	SNAP	Batch ID
Model:	500	NONE
Serial #:	0001817	Batch Count
SW Version:	3.32.06.07 <input type="button" value="Update Firmware"/>	0
IP Address:	172.18.1.206 <input type="button" value="Network"/>	

Counters	Settings	Arbor Tensions	Print/Cut Adjust
Total Inches: 1761018	Language: ENGLISH	Top Unwind: 0	Top Print Adjust: 0
Total Labels: 869253	Verifier: Enabled	Top Rewind: 0	Bottom Print Adjust: 0
Label Counter: 0	Cutter: Enabled	Bottom Unwind: 0	Cut Adjust: 0
	Print speed: Format	Bottom Rewind: 0	Top Printhead Category: 0
	Flagging: Format	Stock: 0	Bottom Printhead Category: 0
	Sense Mark Type: Format		

Simply click the Upgrade Firmware button. The printer will perform the upgrade operation automatically.

The browser window will not refresh automatically, and the web server will not be available during the upgrade. To determine if the upgrade is complete, refresh the browser window. When the upgrade is complete, the above window will reappear with the new firmware version shown in the SW Version box.

NOTE

If you refresh the browser window during the upgrade process, you will receive an error message that the connection has timed out or the web page is unavailable. Simply refresh again until the web page appears.