



GO GREEN UPGRADE

DATACARD® Firmware Update Instructions

Firmware Update Application
for Card Printers Using the Open Platform Driver

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Introduction

This Firmware Update is designed for specific printer and driver releases. See the table below for details about the printers and firmware versions supported by this Firmware Update.

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OPD Update Information

Use this table to select the proper file to download if you are updating printers that use the Open Platform Driver on computers running a supported Linux distribution. The serial label, located under the top cover on the left side of the printer includes the printer serial number.

Model	Serial Number Range	Current FW Version	Download Firmware File		
SP25 Plus	90000 and above	11.22	OPD31.22.zip		
SP35 Plus		12.28	OPD32.29.zip		
CP40 Plus					
SP55 Plus		13.35	OPD33.36.zip		
CP60 Plus					
SP55k		16.1	OPD36.11.zip		
FP65					
FP65i		15.3	OPD35.31.zip		
SP75 Plus / CP80 Plus				14.46*	OPD34.55.zip ⁽¹⁾ and ODP34.66.zip ⁽²⁾
				34.55	ODP34.66.zip
	34.63				
34.64					
SP25	70001 to 89999	10.10	OPD31.22.zip		
SP35 / CP40		7.15	OPD27.19.zip		
SP55 / CP60		8.22	OPD28.26.zip		
SP75 / CP80		9.16*	OPD29.20.zip ⁽¹⁾ and OPD29.25.zip ⁽²⁾		
		29.20	OPD29.25.zip		
		29.22			
		29.23			
SP35	69999 and below	4.46	OPD24.49.zip		
SP55 / CP60 / SP60		5.80	OPD25.84.zip		
SP75 / CP80		6.42*	OPD26.46.zip ⁽¹⁾ and OPD26.50.zip ⁽²⁾		
		26.46	OPD26.50.zip		
		26.47			
		26.48			
CP40		6.5	OPD30.90.zip		

*Download both zip files **and install them in sequence** (install zip⁽¹⁾ then zip⁽²⁾).



What You Need

Before you begin the firmware update, have the following ready:

- 1 **Card printer**, powered on and ready to print cards.
 - The printer light is steady green.
 - The printer LCD panel (if equipped) shows “Ready.”
- 2 **Computer with a connection to the printer, and the Open Platform Driver installed on it.**
- 3 **Downloaded file for the printer.** Available for download from the web site or from your service provider.



It may be necessary to manually set the printer to Ready.

- Press and hold the User button for ten seconds or until you hear a second set of tones.
- The LCD panel (if equipped) will display “Ready” and the light on the printer glows steady green.

To download the file:

1. Click the file(s) to download.
2. Choose Save when prompted to Run or Save this file.
3. Choose a location in which to save the file --on the PC or removable media such as a memory stick or CD.

You are completely responsible for choosing the correct firmware file for your printer. Use the table on page 1 to determine the correct firmware file for your printer.

- 4 **Continuous electrical power to the printer.**

If power to the printer is interrupted before the new firmware file completely replaces the old file, the printer might require service. Perform the firmware update at a time and location with stable electrical power.



Update the Firmware

- 1 Unzip the downloaded file which includes a firmware file with .fls extension and these instructions, to a hard drive on the PC.
- 2 From the directory with the firmware file, use the lp command to send the file in raw format.
- 3 From a command prompt, enter the command to send the firmware file. The format is:
`lp -d <printername> -o raw <filename.fls>`

Where <filename.fls> is the name of the firmware file and <printername > is the name of the printer assigned at installation. Note: This command is case-sensitive. Type lower case.

Wait while the PC sends the update file to the printer. The printer beeps and the ready light flashes green while the transfer is occurring.

Warning: Do not power off the printer during the update process. If you need to power off the printer, wait until the printer has reset.

If power to the printer stops during the update, contact your service provider for assistance.

If the printer is interrupted (for example, if there is a power loss or if the power cord is disconnected) during the firmware update process, contact your service provider for assistance.

- It might take several minutes to transfer the new firmware file to the printer. If you are updating firmware in several types of printers, expect each printer type to require a different amount of time.
 - When the firmware update process is finished, the printer will restart, indicating a successful update. You should hear the same sounds as when you power on the printer.
- 4 Some printers require a two-step update process. Repeat Step 3 with the second downloaded file if your printer requires a two-step process.
 - 5 Your printer is ready to print cards.



Get Help Here

We designed the firmware update for Datacard® desktop card printers to install quickly and very easily. Despite that, you may still have questions. If so, here are the people to contact:

1. Your internal technical support staff

If you are not directly responsible for the technical maintenance of your Datacard printer, talk to the people who are. They know your ID card issuance systems best.

2. Your local Datacard® Authorized Reseller

Datacard resellers have the latest information on the Go Green Upgrade program – so contact them if you have additional questions. Not sure who your nearest reseller is? If you are in the United States, find out at: <http://www.datacard.com/gogreen-contact-us>

If outside the US, please contact Datacard directly (See below.)

3. Contact Datacard® directly

Americas: +1 800 328 3996 or +1 952 988 2316

Europe, Middle East and Africa: +44 1489555627

Asia Pacific: +852 2866 2613

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