

Using a PC to Print to Geology Department's New SHARP MX-4101n

Downloading and installing drivers

1. SHARP provides a “universal” driver and setup program for the MX-4101n which is supposed to work with all Window OSs. We have verified it will work with Windows XP and Windows 7 and assume it will work with Vista. If you're lucky enough to own a Windows 8 machine, however, all bets are off. The drivers should be available from SHARP's driver download site but, as of this writing, that site was down so we have made drivers for 32-bit and 64-bit windows available [here](#) (Figure 1).

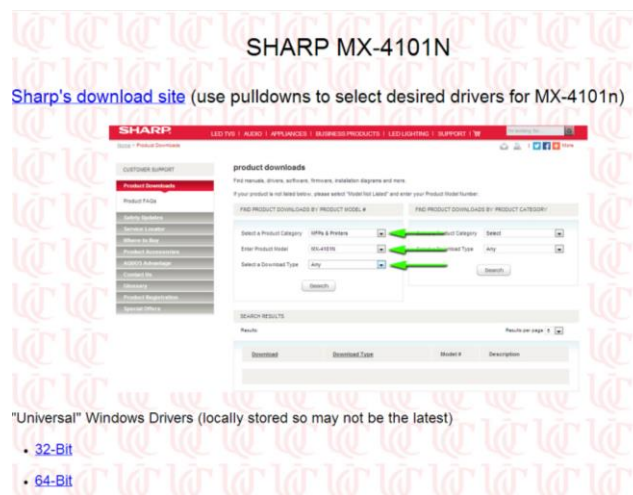


Figure 1. Local download site for Windows “universal” driver installation and setup program.

2. Double click downloaded file to execute (you'll receive the standard warning about running programs downloaded from the Internet). Select the location to store the driver files or use the default location (Figure 2).

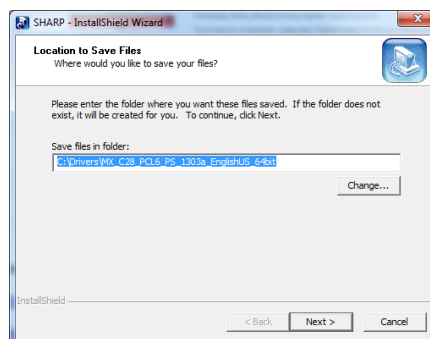


Figure 2. Location to store drivers and installation files (we suggest using default location).

3. After a bit, the install program will start. Click the Custom installation button (Figure 3)

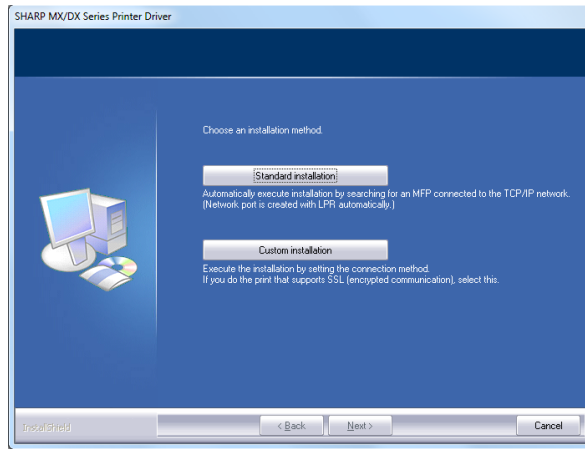


Figure 3 Click *Custom installation*.

4. Specify *LPR Direct Print (specify address)* at the next prompt (Figure 4).

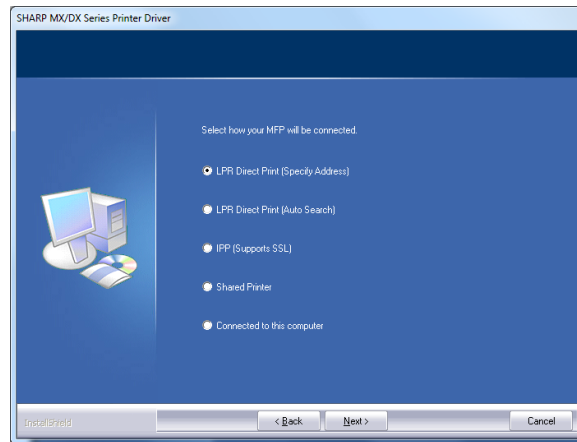


Figure 4. Select *LPR Direct Print (specify address)*.

5. Type the IP address of the SHARP MX-4101n into the box provided (Figure 5).

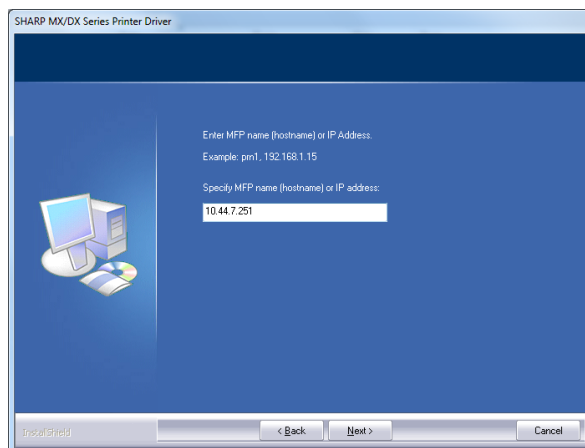


Figure 5. Enter the printer IP address (10.44.7.251)

6. Select MX-4101N from the list of printers (Figure 6).

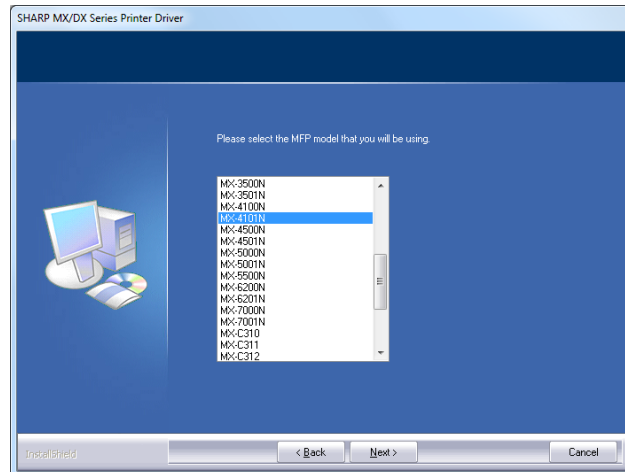


Figure 6. Select MX-4101N from the list of SHARP printers.

7. As of this writing, the printer does not have PostScript capabilities but we will be getting them soon for the maccers. In any case, PCL6 is the native graphics language of the printer so it is probably the better option even when we have PS available (Figure 7).

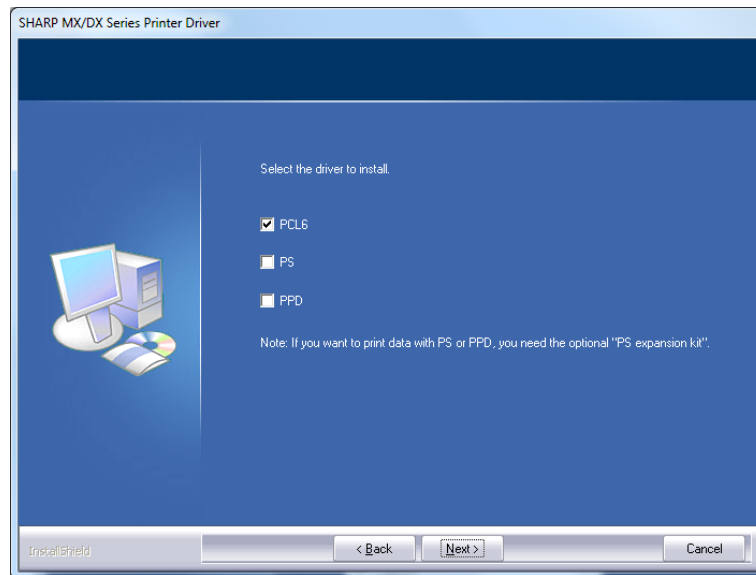


Figure 7. Select PCL6 as the driver type.

8. If you want this to be your default printer, you may specify that (Figure 8).

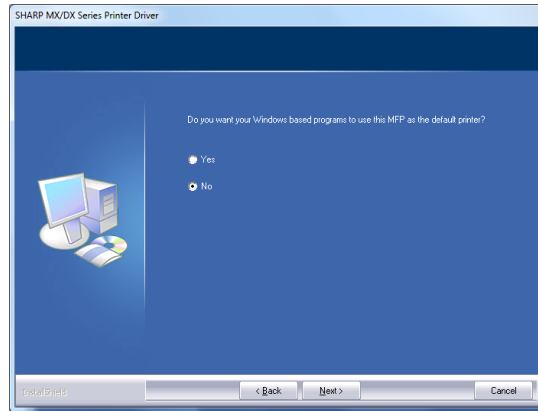


Figure 8. If you want the MX-4101n to be your default printer, you may so specify.

9. You may specify the name you wish to use for the printer or use the default(Figure 9).

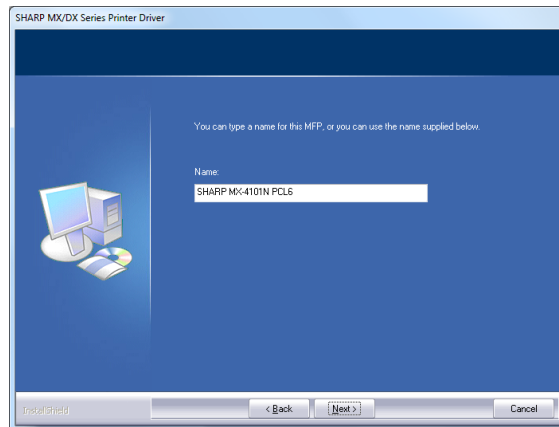


Figure 9. Default name for the printer; you may change it if you wish.

10. Press next and wait a minute or so for installation to complete (Figure 10).

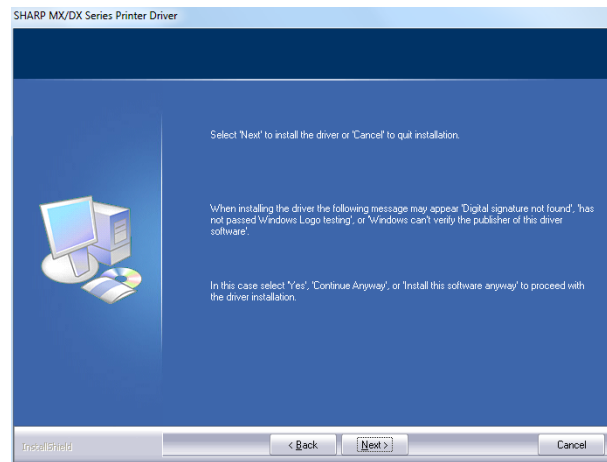


Figure 10. Press next and wait.

11. Congratulations! (Figure 11).

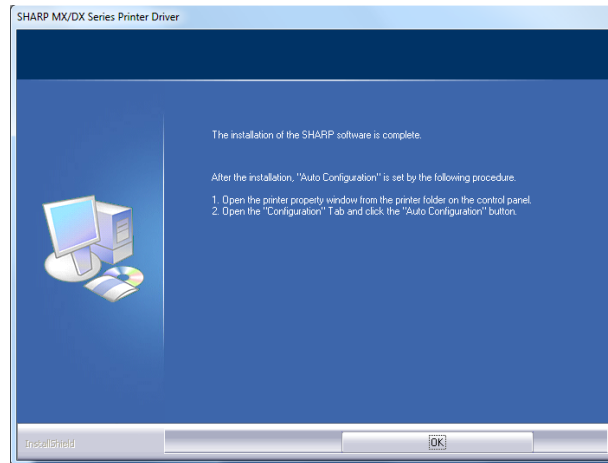
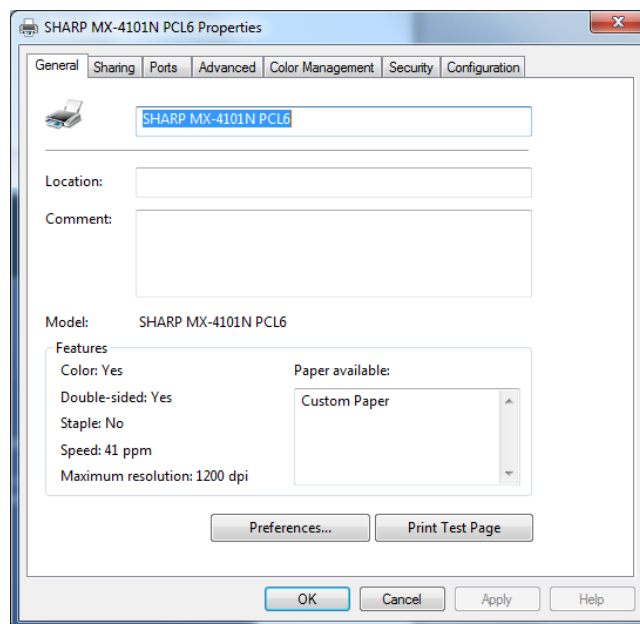


Figure 11.

Setting up the printer

1. Do the usual: press start, select Devices and Printers, right-click on the SHARP MX-4101n, and pull-down to printer properties (NOTE: not properties).
2. In the resulting dialog box, click the Preferences... button (Figure 12)

Figure 12. Click the Preferences... button.

3. In the resulting dialog box, click the Job Handling tab (Figure 13)

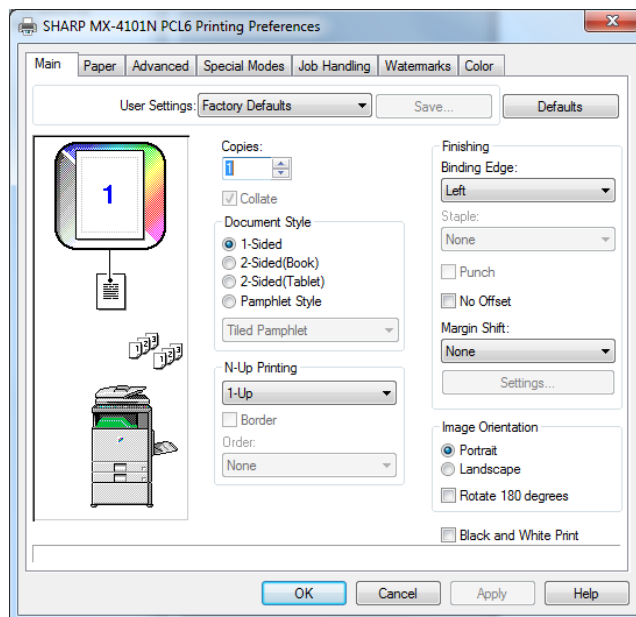


Figure 13. Select the Job Handling tab.

- Fill in the and select the options **as shown** in Figure 14. Put in your access code number in the User Number box then click the Stored to... button.

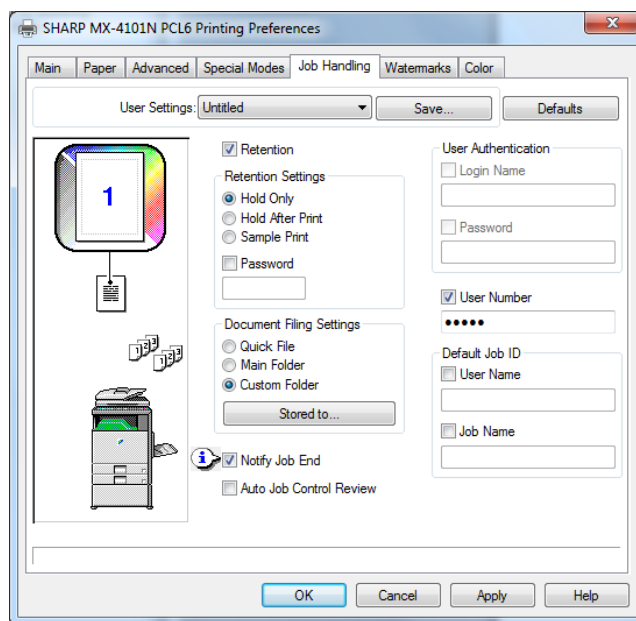


Figure 14. Fill in exactly as shown and type your access number into the User Number box.

- Select the folder that has been setup for you and enter your access code number as the Folder Password then click OK (Figure 15).

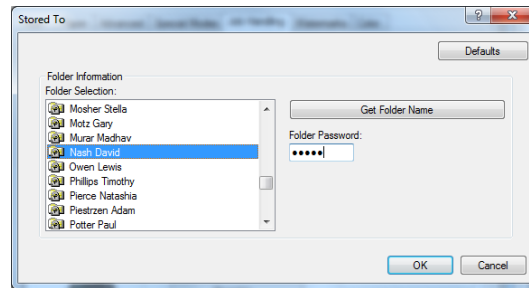


Figure 15. Select your folder and enter your access code as the *Folder Password*.

6. Select the Color tab (Figure 16).

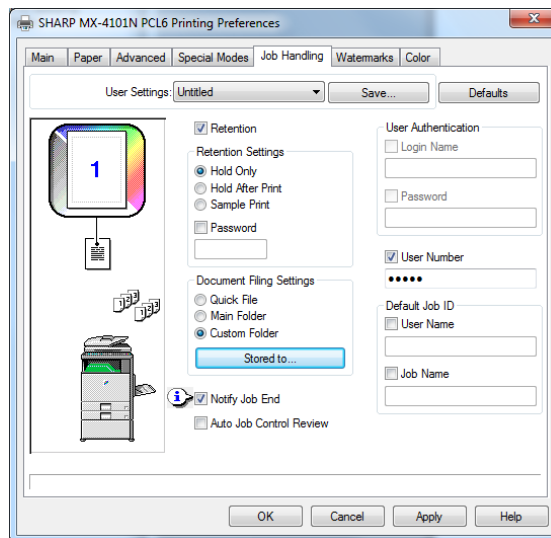


Figure 16. Select the Color tab.

7. Specify *Black and White* (). NOTE: PLEASE MAKE BLACK AND WHITE THE DEFAULT MODE; YOU CAN CHANGE IT WHEN NECESSARY FOR SPECIFIC (RARE) JOBS.

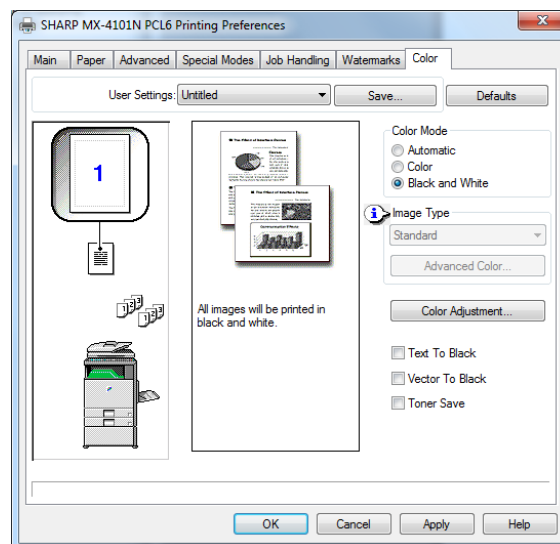


Figure 17. Use Black and White as the default mode.

Printing your job at the printer

1. As with the Ricoh, print jobs are only released and printed by the user when they are at the printer (failure to do so will result in loss of printing privileges). The printer has a display and numeric key pad (Figure 18).



Figure 18. Printer display and key pad.

2. Enter your numeric access code using the number pad and press OK (Figure 19). NOTE: Don't press Admin Login!

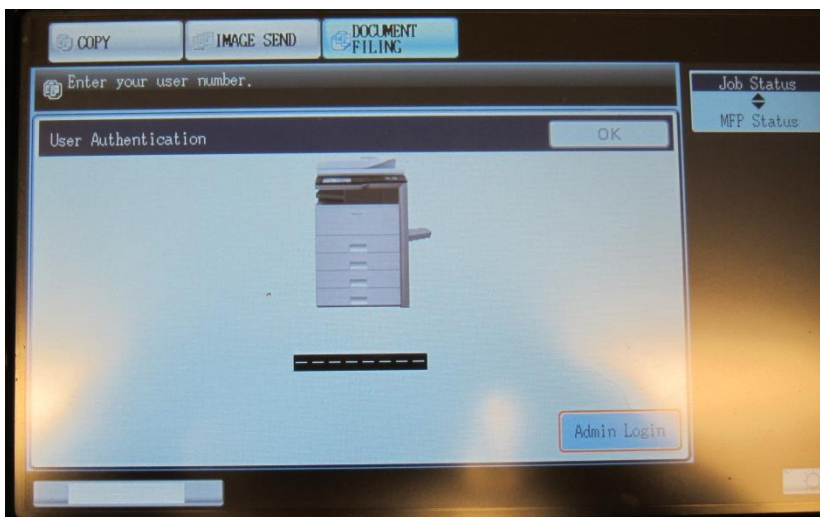


Figure 19. Enter your access code with the number pad and press OK (NOT Admin Login)

3. Press the DOCUMENT FILING button on the screen then press the File Retrieve tab. Finally press the Folder Select button (Figure 20)

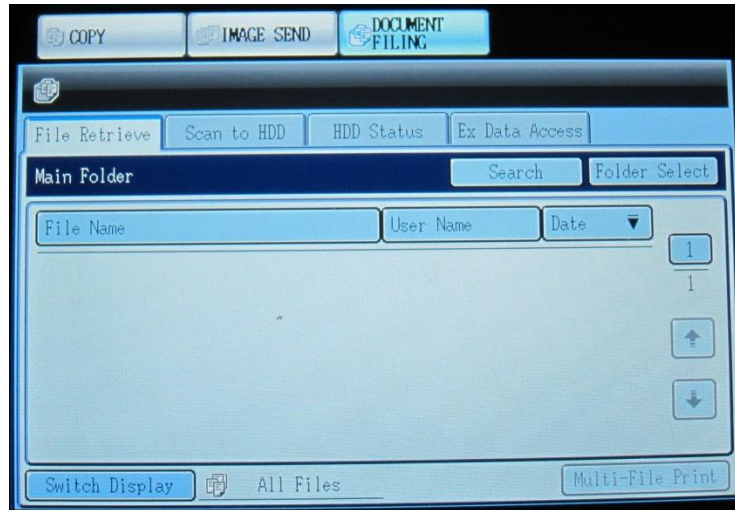


Figure 20. Press DOCUMENT FILING button

4. Select your folder from the list (Figure 21) and enter your access code.

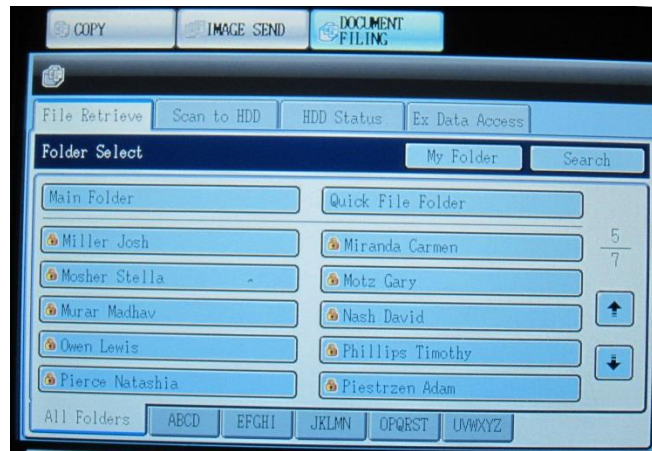


Figure 21. Is Carmen Miranda really in the Geology Department?

5. Select the file you wish to print (Figure 22)

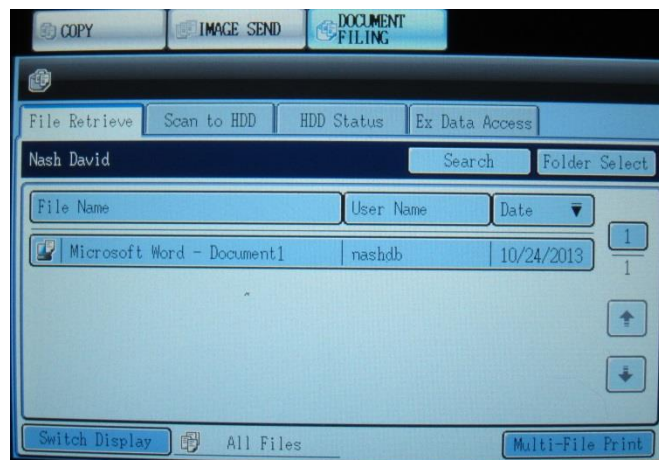


Figure 22. Select the file you wish to print

- The print dialog page is pretty straight forward. Paper Select is used to specify the paper tray (including bypass), Output can be used to specify stapling or type of grouping, and 2-Sided may be used to duplex. Press the "Print and Delete the Data" button unless you want to save the job (Figure 23). All files will be deleted after a week.

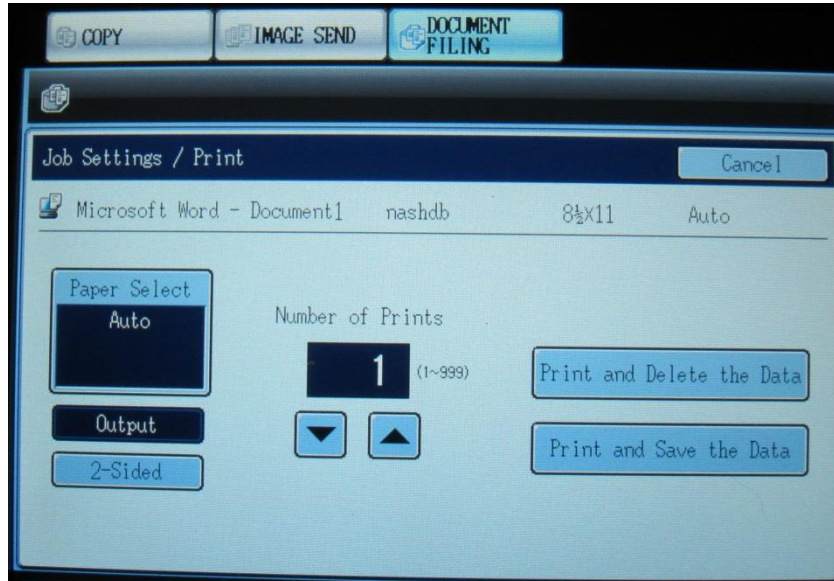


Figure 23. Print Dialog window.

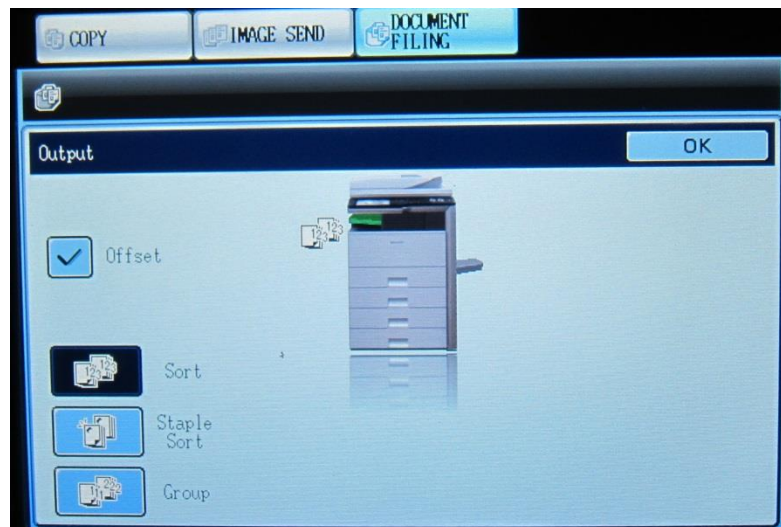


Figure 24. Output options dialog window.

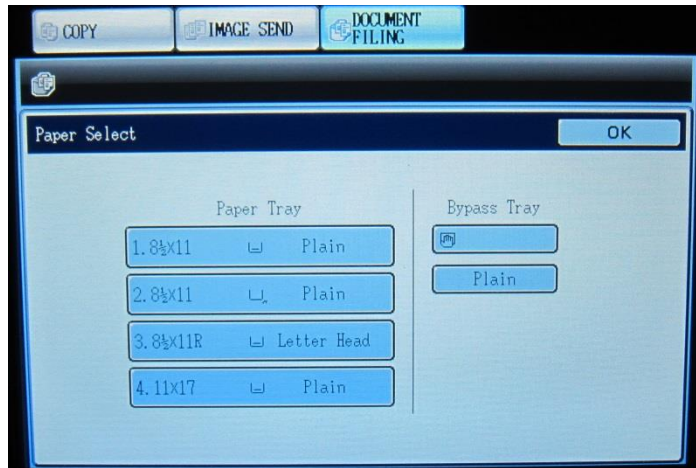


Figure 25. Paper selection dialog.

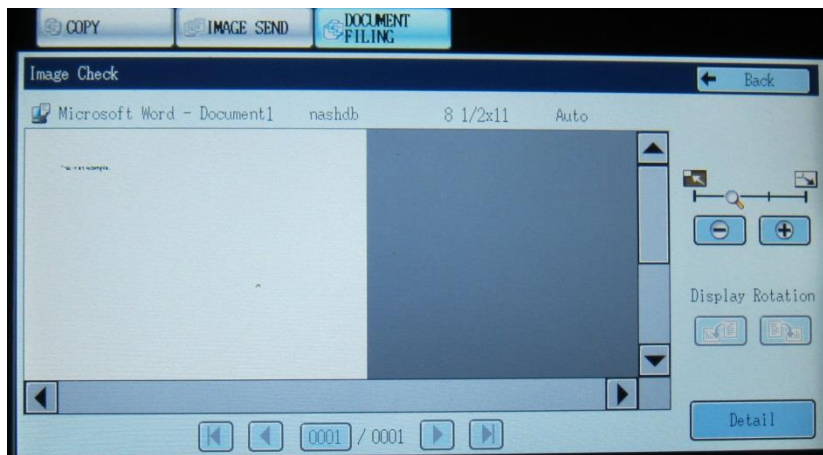


Figure 26. You can even view your print job before you print it (spare a tree... unless you're a Mainer).