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

Downloading and installing drivers

1. Macintosh drivers for SHARP MX-4101n should be available from SHARP's driver download site. Because this site appears to be down frequently, we have also made the drivers available here.
2. Once the driver package has been downloaded, open it and select the OS X.? version you have (if you're unsure, check *About this Mac*) , Double click file to start installation (Figure 1)

Figure 1.   Select and launch driver installer for your OS X.?.

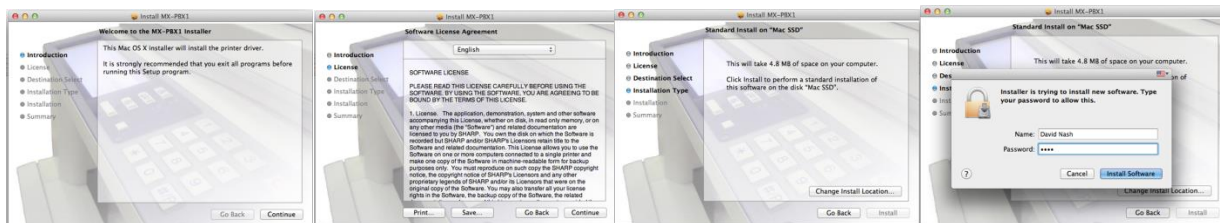3. Progress through the standard Macintosh install steps(Figure 2)

Figure 2   Step through the Macintosh install progression..

4. Open *print and scan* in *System Preferences* and press "+" to add printer. Click the IP icon at the top dialog, pull down to *Line Printer Daemon LPD* and type IP address 10.44.7.251 into the *address* window. The IP will be queried and *Location* and *Print using* should be automatically filled in. We suggest typing SHARP MX-4101n into the Name box as a convenience for you to recognize the printer (*i.e.,* it serves no other purpose) then click *Add* (Figure 3).
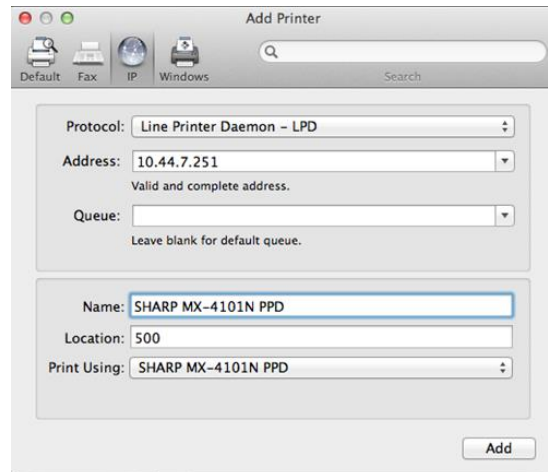
Figure 3   From System Preferences select Print & Scan and click
              "+" to add printer.

5. An icon for the SHARP MX-4101n should show up in your list of printers (Figure 4).
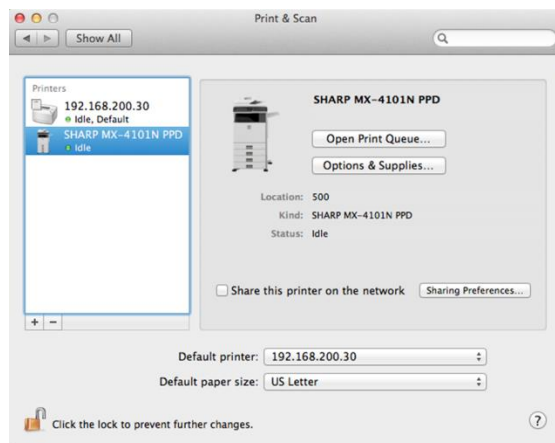

Figure 4.   SHARP MX-4101n should show up in your printer list.

Printing job from an application

1. Specify the MX-4101n as the destination printer.
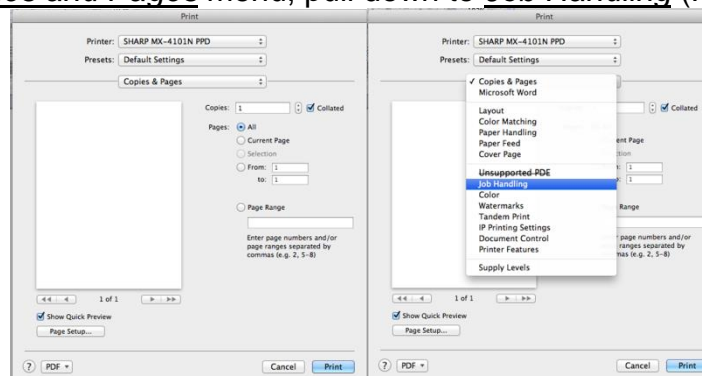2. From the *Copies and Pages* menu, pull down to *Job Handling* (Figure 5)

Figure 5.   Pull down to *Job Handling*.

3. Click the *Authentication* tab and type the user code you selected when your copier account was created in the *User Number* window. The *User Name* and *Job Name* should fill in automatically (Figure 6).
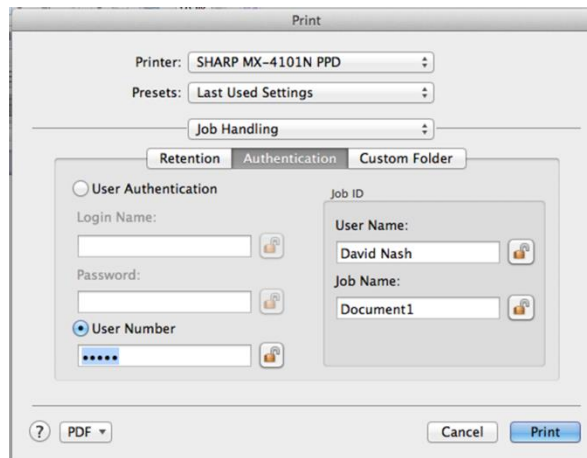

Figure 6.   Fill in your numeric user code in *User Number*.

4. Click the *Custom Folder* tab and click the Get Folder Name button (Figure 7).
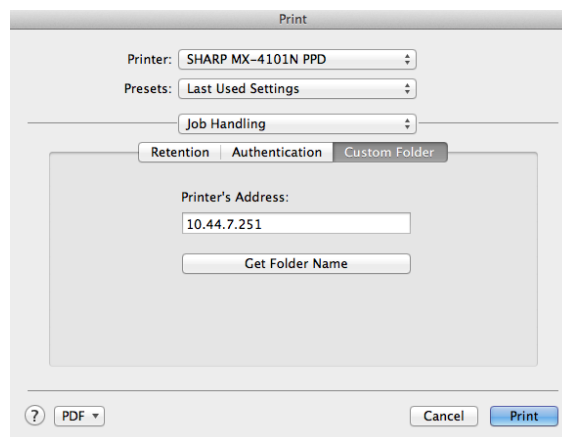

Figure 7.   Click the *Get Folder Name* button to populate folder list.

5. Click the *Retention* tab and check the *Retention* check box. tab Select MX-4101N from the list of printers. Unless you're particularly paranoid, don't password the document since your folder will automatically be passworded. Pull down the menu under Document Filing Settings which will be populated with folders for all user accounts and select your name (Figure 8).
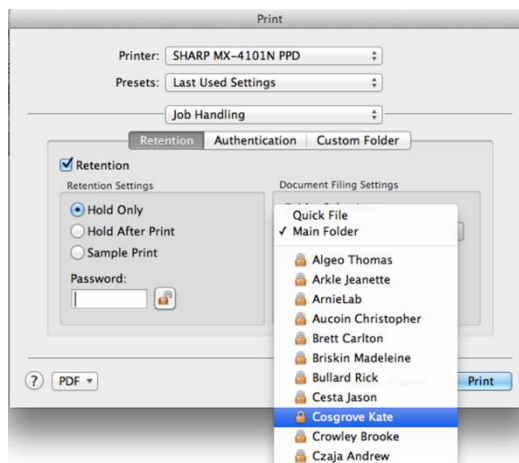
Figure 8.   Choose your user folder by selecting your name from the pull-down list.

6. Enter your user code number you selected when your account was created into the *Folder Password* window (Figure 9)
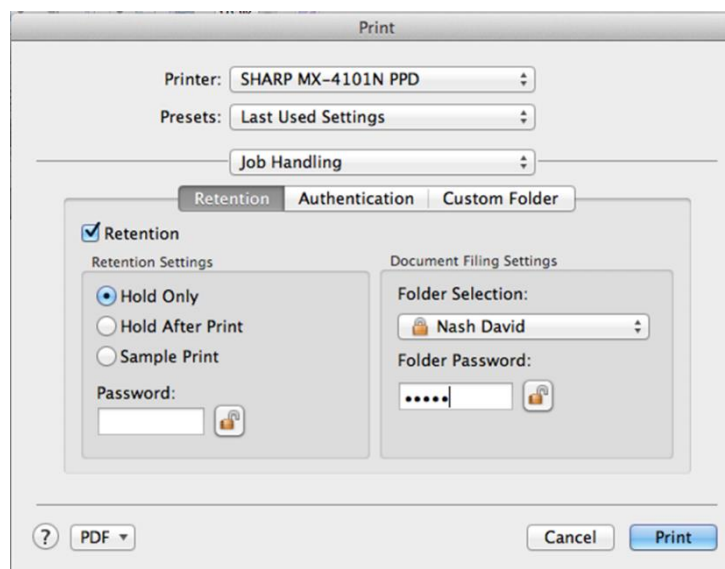

Figure 9.   Type your numeric user code into the *Folder Password* window.

7. Not only are you ready to print but these setting should automatically be retained for the next time you print.

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 10).

Figure 10. Printer display and key pad.

2. Enter your numeric access code using the number pad and press _OK_ (Figure 11). NOTE: Don't press _Admin Login_!
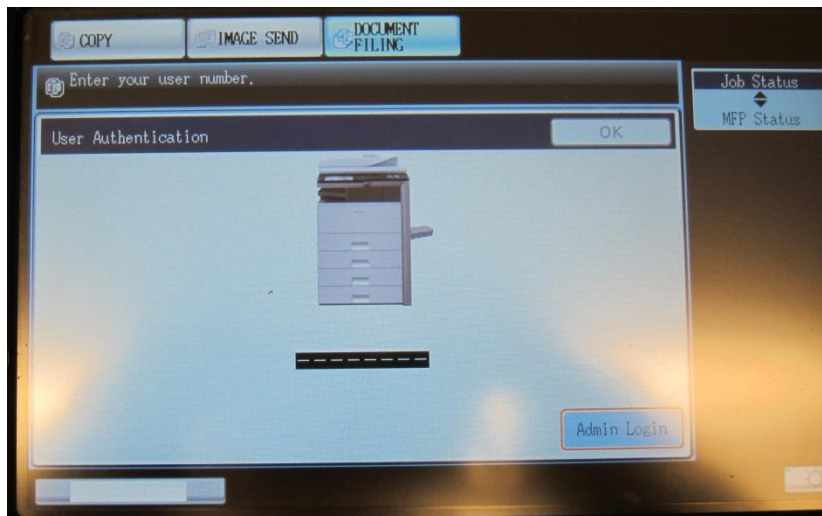

Figure 11. Enter your access code with the number pad and press _OK_
(NOT _Admin Login_)

3. Press the _DOCUMENT FILING_ button on the screen then press the _File Retrieve_ tab. Finally press the _Folder Select_ button (Figure 12)
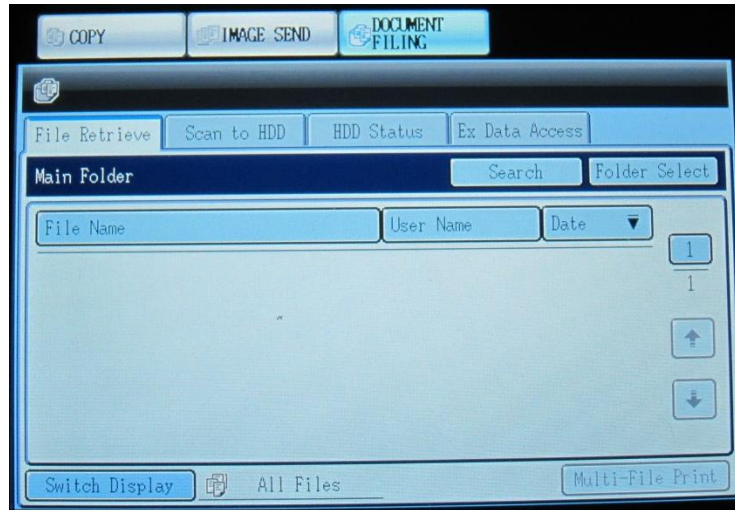
Figure 12. Press *DOCUMENT FILING* button

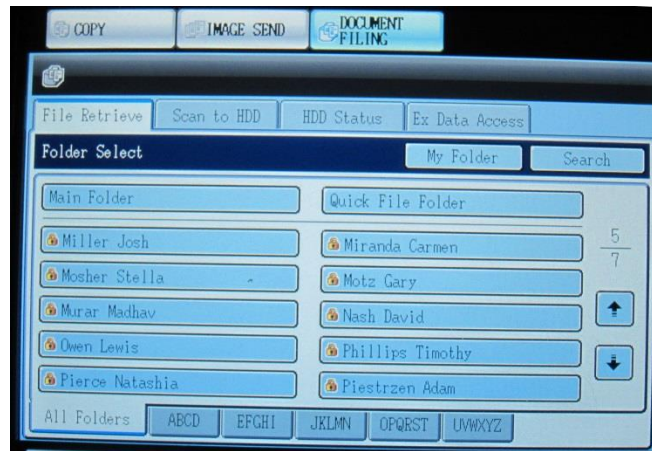4. Select your folder from the list (Figure 13) and enter your access code.

Figure 13. Is Carmen Miranda really in the Geology Department?

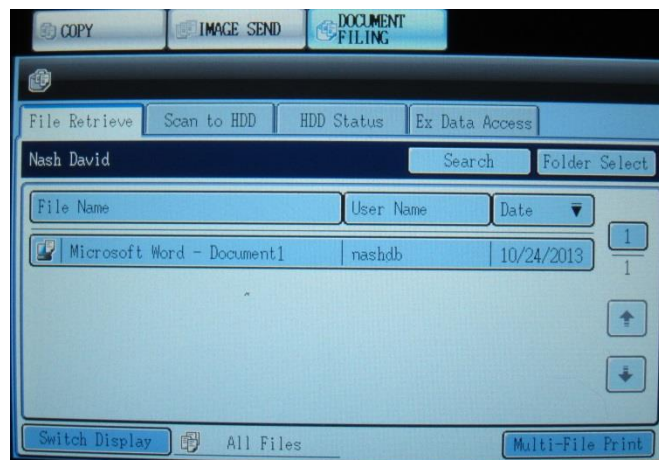5. Select the file you wish to print (Figure 14)

Figure 14. Select the file you wish to print

6. 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 15). All files will be deleted after a week.
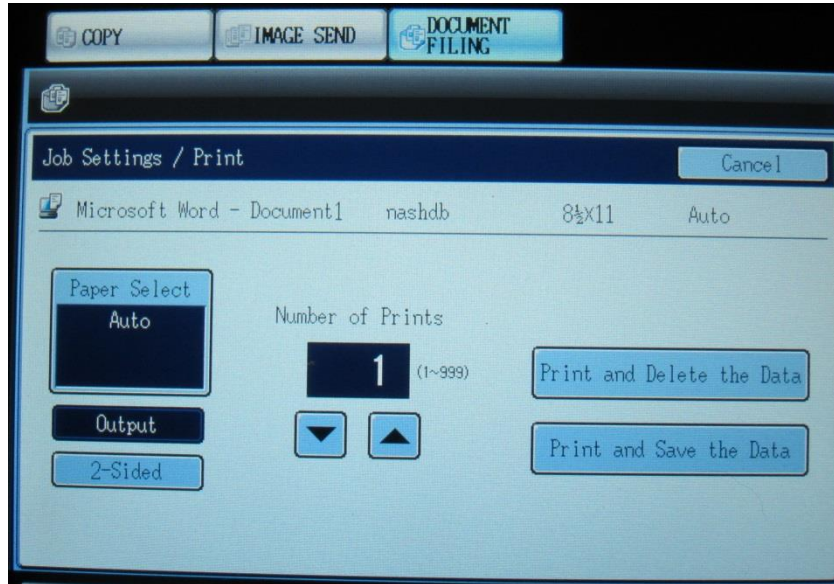

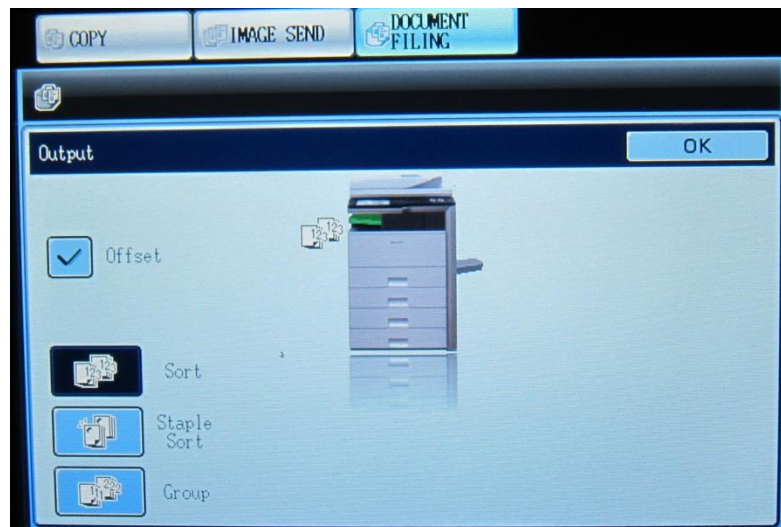Figure 15. Print Dialog window.
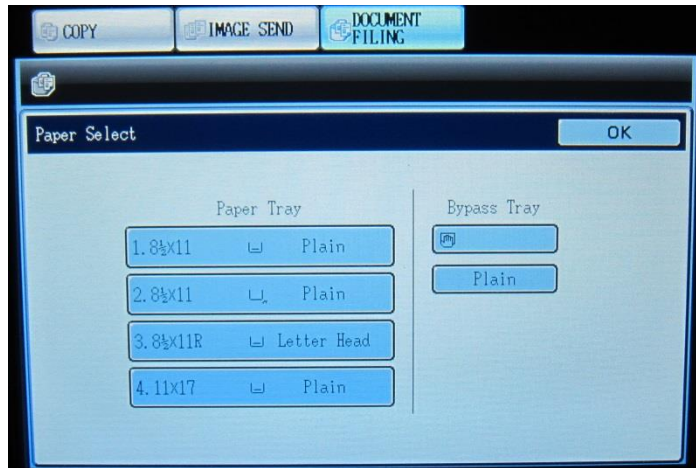

Figure 16. Output options dialog window.
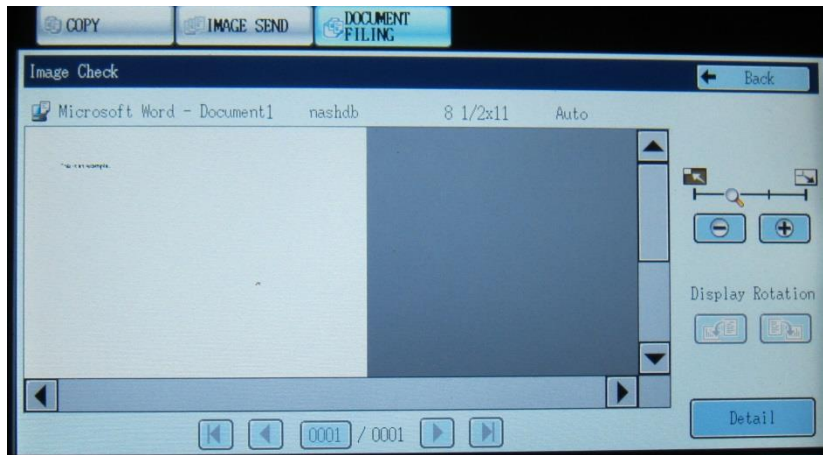
Figure 17. Paper selection dialog.

Figure 18. You can even view your print job before you print it
(spare a tree… unless you're a Mainer).