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

Downloading and installing drivers

- Macintosh drivers for SHARP MX-4101n should be available from SHARP's driver download <u>site</u>. Because this site appears to be down frequently, we have also made the drivers available <u>here</u>.
- 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)

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	Go Back Continue		Print Save Continue		Go Back Install		Go Back Install

Figure 2 Step through the Macintosh install progression..

4. Open <u>print and scan</u> in <u>System Preferences</u> and press "<u>+</u>" to add printer. Click the IP icon at the top dialog, pull down to <u>Line Printer Daemon LPD</u> and type IP address 10.44.7.251 into the <u>address</u> window. The IP will be queried and <u>Location</u> and <u>Print using</u> 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 <u>Add</u> (Figure 3).

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4.7.251	
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	Indows Printer Daemon - LPD 4.7.251 Ind complete address. blank for default queue. IP MX-4101N PPD RP MX-4101N PPD

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).

192.168.200.30	-	SHARP MX-4101N	PPD
SHARP MX-4101N PPD	-	Open Print Queue	
	1	Options & Supplies	
		ocation: 500	
		Kind: SHARP MX-4101N PPD	
		Status: Idle	
-			Sharing Preferences
Defaul	t printer:	192.168.200.30	÷
		US Letter	\$

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)

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Printer:	SHARP MX-4101	PPD ÷		Printer:	SHARP MX-4101N PPD	•		
Presets:	Default Settings	:)		Presets:	Default Settings	٠		
	Copies & Pages	•)-			Copies & Pages Microsoft Word			
		page ra			Layout Color Matching Paper Handling Paper Feed Cover Page Unsupported PDE Job Handling Color Sol Handling Document Kontrol Printer Factures Supply Levels	Collate ent Page tion t 3 Range - page numbers and /or ranges separated by mas (e.g. 2, 5-8)		
Show Quick Preview	L			I of 1 I of 1 I of 1 I of 2 I of 2 I of 2 I of 3 I of 4 I of 4 I of 5 I of 1 I of 1 I of 1 I of 2 I of 2 I of 3 I of 4 I of 4 I of 5 I of 5 I of 1 I of 1 <t< td=""><td></td><td></td></t<>				

Figure 5. Pull down to Job Handling.

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

Presets:	Last	Jsed Settings	\$	
	Job H	andling	\$	
Rete	ention	Authentication	Custom Folder	
Login Name: Password:			ser Name: David Nash ub Name:	
• User Number			Document1	

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).

	Print	
Prin Pres		*
	Job Handling Retention Authentication Custo	¢ om Folder
	Printer's Address: 10.44.7.251 Cet Folder Name	
? PDF •		Cancel Print

Figure 7. Click the <u>Get Folder Name</u> button to populate folder list.

 Click the <u>Retention</u> tab and check the <u>Retention</u> 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).

and the second	Print
Printer: SHARP	MX-4101N PPD ‡
Presets: Last Use	ed Settings \$
Job Han	dling +
Retention	Authentication Custom Folder
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Retention Settings	Document Filing Settings
Hold Only Hold After Print Sample Print Password:	Quick File ✓ Main Folder a Algeo Thomas Arkle Jeanette Arkle Jeanette
PDF -	Aucoin Christopher Aucoin Christopher Brett Carlton Briskin Madeleine Bullard Rick Pri Cesta Jason
	Cosgrove Kate
	Crowley Brooke
	a Czaja Andrew

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)

			Pri	int		
	Printer:	SHARP	MX-4101	N PPD		÷
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		Job Ha	andling			\$
	Rete	ntion	Authentic	ation	Custom Fe	older
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	• Hold Only			Fol	der Selection	ii ii
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	Sample Print			Fol	der Password	:
	Password:	P		•	•••	
?	PDF •					Cancel Print
Figure 9.	Type your ne window.	umerio	c user co	ode i	nto the <u>F</u>	older Password

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 <u>OK</u> (Figure 11). NOTE: Don't press <u>Admin Login</u>!

at the last	COPY	IMAGE SEND	DOCUMENT		
	Bater your user	r number.			Job Status
	User Authenticat	ion		OK	MFP Status
		-			
			EP		
			=		
		-			
				Admin Login	
and					10

Figure 11. Enter your access code with the number pad and press <u>OK</u> (NOT <u>Admin Login</u>)

3. Press the <u>DOCUMENT FILING</u> button on the screen then press the <u>File</u> <u>Retrieve</u> tab. Finally press the <u>Folder Select</u> button (Figure 12)

COPY	IMAGE SEND	DOCUMENT FILING	
Ó			
File Retrieve	Scan to HDD 📔 1	HDD Status 🛛 Ex Data Ac	
Main Folder		Search	Folder Select
File Name		User Name	Date 🔻 🚺
			1
	*		•
Switch Display	All Files	3	Multi-File Print

Figure 12. Press DOCUMENT FILING button

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

COPY	IMAGE SEND	C FILING				
Ø						
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Main Folder		Quick File F	older			
🍘 Miller Josh		🌀 Miranda Ca	rmen	$\frac{5}{7}$		
Mosher Stella	-	🙆 Motz Gary				
🙆 Murar Madhav		🚳 Nash David				
🙆 Owen Lewis		🌀 Phillips Ti	imothy			
Pierce Natashia		Piestrzen Adam				
All Folders A	BCD EFGHI	JKLMN OPQRST	UVWXYZ			

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

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

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Ø							
File Retrieve	Scan to HDD	HDD S	itatus E	s Data Ac	cess		
Nash David				Search		older	Select
File Name			User Name		Date	₹	
Microsoft	Word - Document1		nashdb		10/24/	2013	
	*						
Switch Display	All File	s			Mult	i-File	Print

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.

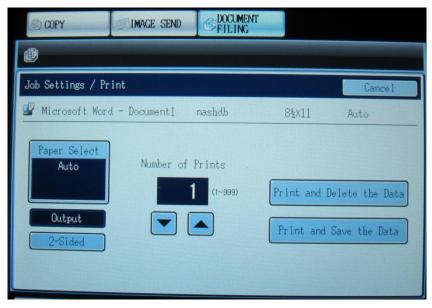


Figure 15. Print Dialog window.

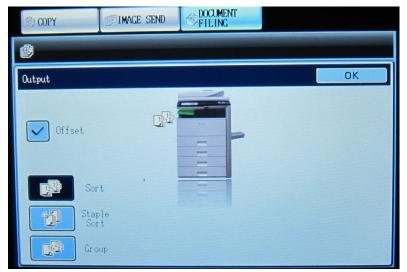


Figure 16. Output options dialog window.

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Paper Select	t				ОК				
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Figure 17. Paper selection dialog.

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		0001 / 0001			Detail

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