Installing the print queues on your Mac

These instructions have been written using MacOS 12 (Monterey). We recommend that you have the latest Mac OS and have installed all available updates.

To install the printer queues, you will need to be on the campus wireless network (eduroam)

Download the latest Ricoh drivers for the Mac OS by scrolling to the bottom of the page and selecting Mac OSX and selecting the correct version for your device

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http://support.ricoh.com/bb/html/dr_ut_e/re1/model/imc4500/imc4500.htm

Choose other OS Select driver language English

•	W	índows	
	M	ac OS X	
	^	Mac OS 12(macOS Monterey)	
		Printer Driver	
		PPD Installer	Ver.1.8.0.0 Released Date: 20/05/2020
		(File Size : 4,107 KB)	This PPD installer is used to install a PPD (Postscript Printer Description) file on Mac OSX. PPD files contain descriptions of printer capabilities such as paper sizes, number of input trays and duplexing. Once the PPD file is installed on the system using the PPD installer, the PS driver that comes History
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		Mac OS 11(macOS Big Sur)	
	•	Mac OS X 10.15 (macOS Catal	na)
	•	Mac OS X 10.14 (macOS Mojav	e)
	•	Mac OS X 10.13 (macOS High	Sierra)
iauar	v	Mac OS X 10.12 (macOS Sierra)

Once downloaded, open the Ricoh_IM_C3000_C3500_C4500_LIO_1.8.0.0.dmg

and run Ricoh_IM_C3000_C3500_C4500_LIO_Driver.pkg accepting the default options



Open System Preference and click on Printers and Scanners option

From the Printers and scanners menu, click on the + button as shown below to add a printer



If you don't have the **Advanced** option in your **Add Printer** window, Ctrl-click on the tool bar area and select **Customize Toolbar**



From the pop-up menu, drag the Advanced icon onto the toolbar

		•••	< > IIII Print	ers & Scanners	Q, s		
00	Add Prin	nter		Clic	No printers are available. < Add (+) to set up a printer		
Drag your favourite items	into the toolbar		\mathbf{i}				
Ē		ē	00				
Windows	IP	Default	Advanced				
Space	Flexible Space						
				Default printer:	Last Printer Used	٥	
				ault paper size:	A4	٥	?
or drag the default set	into the toolbar.						
Default IP Windows							
Show Icon Only	Use small size		Done				

Next to the Type field, from the drop-down menu, select Windows printer via spools

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Type 🗸 Device URL	Internet Internet Internet Jetdirec LPD/LPI	Printing P Printing P Printing P Printing P t R Host or P	rotocol rotocol (ł rotocol (ł rotocol (i Printer	nttp) nttps) pps)		
	Window	rs printer v	ia spools:	S		
Name:						
Location:						
Lico	Choose	e a Driver				E

Copy the relevant the printer you are looking to install into the URL field of the form smb://papercut-print1/Staff-Mono-Mac smb://papercut-print1/Staff-Colour-Mac smb://papercut-print2/Student-Mono-Mac smb://papercut-print2/Student-Colour-Mac

• • •			Add P	rinter					
		Ē			Øø				
Type:	Windows pri	inter via	spoolss				0		
Device:	Another Dev	vice					٢		
URL:	URL: smb://papercut-print2/student-mono-mac								
Name	papercut-p	rint2							
Location									
Use	Choose a l	Driver					0		
?							Add		

Select the Ricoh Aficio MP C5000 PS from the Use drop down

• • •	Add Printer		•••	< → IIII Pri ● ● ●	Printer Software			
Type: Device:	Windows printer via spoolss 3 Another Device 3		Add Printer	RICOH Aficio MP C5501 PS RICOH Aficio MP C5501A PS RICOH Aficio MP C5502 PS RICOH Aficio MP C5502 PS RICOH MC5500 PS				
URL:	smb://papercut-print2/student-mono-mac	Type: Device: URL:	Windows printer via spoolss Another Device smb://papercut-print2/student-mono-mac	RICOH MP C550 RICOH MP C550 RICOH MP C550 RICOH MP C550	13 JPN PS 13 A 5 13 A 5 13 A JPN PS 13 A JPN PS 13 Z JPN PS			
Name: Location:	student-mono-mad				Cancel OK Default printer: Last Printer Used Default paper size: A4			
?	Choose a Driver Auto Select Generic PostScript Printer Generic PCL Printer	Name Location Use	student-mono-mac	\$				
	Select Software Other	?		Add				

Renaming the printer to the relevant one you have installed, similar to the image above in the **Name** field. Now all the fields are completed, click on **Add**

Click on the **Options and Supplies** button, select the **Options** tab and change the Option Tray field to **Lower Paper Trays** and the Finisher to **SR3270**. Click on **OK**

advantage of your printer's options, confirm that they are accurately shown formation on your printer and its optional hardware, check the printer's tion.
Option Tray ✓ Not Installed Large Capacity Tray Internal Tray 2 Internal Shift Tray External Tray: Not Installed 3 Finisher: Not Installed 3 Folding Unit: Not Installed 3 PostScript: PostScript Emulation 3
Cancel

Setting the printer options in CUPS

Open the Safari Web browser and type in the search bar:

http://localhost:631

You will more than likely see the following displayed message



Web Interface is Disabled

The web interface is currently disabled. Run *cupsctl WebInterface=yes* to enable it.

Use the Spotlight finder to search for Terminal and launch it



Copy and paste the below into terminal

cupsctl WebInterface=yes

Press return



Refresh the browser windows and you should now be presented with the CUPS administration page.

Click on the Administration Tab



Select the Manage Printers button

	localhost Č
CUPS.org Home Administration Classes Help Jobs Prir	iters
Printers	Server
Add Printer Find New Printer Manage Printers Classes Add Class Manage Classes Jobs Manage Jobs	Edit Configuration File Server Settings: Advanced ▶ Allow printing from the Internet Allow remote administration Use Kerberos authentication (FAQ) Allow users to cancel any job (not just their own) Save debugging information for troubleshooting Change Settings

Select the relevant Printer under Queue name

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CUPS.org	Home	Administration	Classes	Help	Jobs	Printers								
Prin	ters													
	Search in Printers: Q~													
	Showing 1 of 1 printer.													
		Queue	Name			Desci	ription	Location			Make and Model		Stat	us
student	<u>_mono_n</u>	nac	stu	ident-m	nono-m	nac			RICOH IM C	5500 PS		Idle		

Click on the 2nd drop-down list (which will currently be displaying **Administration**) and Select **Set Default Options** from the list that appears



Click on the **Policies** option. Click on the drop-down menu next to the **Error Policy** field and select **retry-current-job**



For mono printers select the **Basic** menu. From the **Colour Mode** drop-down menu, select **Black** and White. For colour printers select the **Colour** option

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CUPS.org Home	Administratio	n Classes He	elp Jobs Print	terso ma	c					
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Query Printer for Defau	lit Options									
Options In	stalled	General	Basic	Paper	Finishing	Print Quality	Effects	Job		
Log Unauthorized Copy Prevention Color Balance Details Background Numbering										
Authentication Banners Policies Port Monitor										
				Ba	isic					
				Fit to Paper	Prompt User					
				Color Mode	Black and White 🜖					
			Rotate by	180 degrees	Coff 🕤					
				Set Defa	ult Options					

The final step is now to select **Set Default Options** enter your **Mac username and password** and click on **Log in**



Repeat for other printers if required. Once all printers have been configured, we recommend disabling the CUPS web interface for security purposes. To do this, launch Terminal, and copy and paste in the below

cupsctl WebInterface=no

Press Enter

Once the installation is complete, you will be able to use these printers from an application of your choice.