

## Adding the SurreyPrint Queue

## Linux Devices

The information in this guide will assist Linux users manually adding the SurreyPrint queue to their device.

## ADDING THE SURREYPRINT QUEUE TO YOUR DEVICE

**1.** Go to 'Settings' followed by 'Printing'.



## 2. Click 'Add'.



**3.** Expand the 'Network Printer' list and select 'LPD/LPR Host or Printer'. Enter the details as shown below, then click 'Forward'. The system will start searching for drivers. This might take a minute.

New Printer	e 🗈 😣
Select Device	
Devices	Location of the LPD network printer
Generic CUPS-PDF LPT #1 Enter URI	Host: PrintService Probe Queue: SurreyPrint
Network Printer HP LaserJet P4014 (131.227.8 Xerox Phaser 6700DN (131.22 HP LaserJet 400 color M451dr Xerox Phaser 6700DN (131.22 Samsung X7600 (131.227.89.3 HP LaserJet P4015 (131.227.8 Find Network Printer	2
Internet Printing Protocol (ipp AppSocket/HP JetDirect	
	Cancel Forward

NOTE: You may be prompted to authenticate, to do this you will need to use the local root credentials.

4. Make sure the 'Generic' driver is selected and click 'Forward'.

• New Printer
Choose Driver
Select printer from database
○ Provide PPD file
○ Search for a printer driver to download
The foomatic printer database contains various manufacturer provided PostScript Printer Description (PPD) files and also can generate PPD files for a large number of (non PostScript) printers. But in general manufacturer provided PPD files provide better access to the specific features of the printer.
Makes
Generic
Alps
Anitech
Apollo
Apple
Brother
Back Cancel Forward

5. Select 'PCL 6/PCL XL' from the model list and then the top driver and then click 'Forward'.

• New Printer	● • ×
Choose Driver	
Models PCL 5 LF PCL 5c PCL 5c LF PCL 5e LF PCL 6/PCL XL PCL 6/PCL XL LF PCL Laser PDF PostScript PostScript PostScript Level 1 Raw Queue text-only ZjStream	Drivers Generic PCL 6/PCL XL Printer Fooma Generic PCL 6/PCL XL Printer - CUPS Generic PCL 6/PCL XL Printer Fooma Generic PCL 6/PCL XL Printer Fooma
	Back Cancel Forward

**6.** You will have the option to edit the description and location to something memorable if you wish. Click on 'Apply'. You will be asked whether you would like to send a test page. Please note this will deduct £0.04p from your printing credit if you are a student.

New Printer	● 🛛 😣
Describe Printer	
Printer Name Short name for this printer such as "laserjet"	
University of Surrey Printers	
<b>Description</b> (optional) Human-readable description such as "HP LaserJet with Duplexer"	
University of Surrey Printers	
Location (optional) Human-readable location such as "Lab 1"	
, Anywhere on campus	
	2
Back Cancel	Apply

7. Right click on the 'new printer' icon and select 'properties' to configure duplexer and other settings.

Printer Propert	ies - 'SamsungMFD' o	on localhost	• •	
Settings	Settings			
Policies Access Control Printer Options Job Options Ink/Toner Levels	Description:	Danwood Printers		
	Location:	All over the place		
	Device URI:	lpd://PrintService/SurreyPrint	Change	
	Make and Model:	Generic PCL 6/PCL XL Printer Foo	Change	
	Printer State:	Idle		
	Tests and Maintenance			
	Print Test Page	Print Self-Test Page Clean Pri	nt Heads	
		Apply Cancel	OK	

8. Duplex settings are available in the 'Printer Options Menu'.

Printer Properties - 'SamsungMFD' on localhost					
Settings Policies Access Control Printer Options Job Options Ink/Toner Levels	General				
	Print Quality: Normal Grayscale   Page size: A4   Media source: On (Flip on Long Edge)   On (Flip on Short Edge)   Double-sided printing: Off		Normal Grayscale		
			A4 ‡		
			On (Flip on Long Edge) On (Flip on Short Edge)		
			Off 💦		
	Printout mode				
	Color Mode:	Controlled by 'Print Quality' 💲			
	Resolution:	Controlled by 'Print Quality' 🛟			
			Apply Cancel C	ОК	

**9.** Click 'OK' and the print queue is installed. It may take a few minutes to appear in some applications.



**Need Help?** Contact the IT Service Desk by calling 01483 689898 or by emailing itservicedesk@surrey.ac.uk