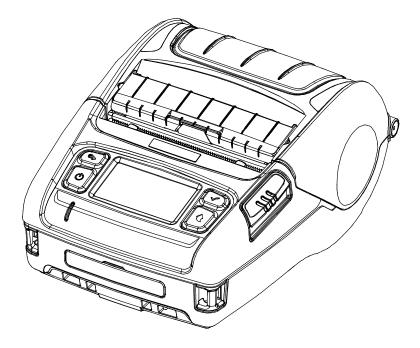


# Installation Guide Linux CUPS Driver

Rev. 1.00



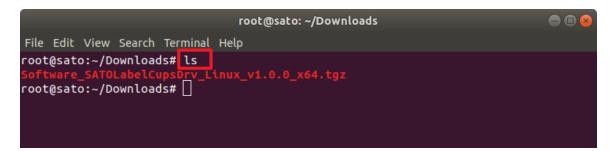
1. Search and execute the terminal program.

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0	⊗ terminal						Filter results 🔸		
	Applications								
	▶	X TERM	X						
	Terminal	UXTerm	XTerm						
	n Reference See	one more result +			-				
	W		and the state	370		W	W		
	Terminal	terminal: definition	Train station	AirTrain JFK	Air traffic control	Terminal illness	see more		
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		Terminal, SR, MX Tonight	Tomorrow	Tomorrow night	Friday, 11	Friday, 11			
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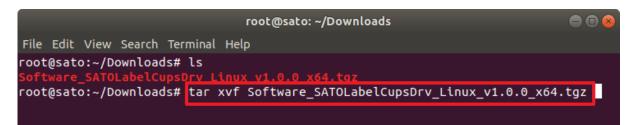
- 2. Download Linux CUPS driver in SATO website.
- 3. Once driver download is completed, execute the terminal and type "cd Downloads" to move to Downloads folder.

	root@sato: ~	
File Edit View Search Terminal Help		
root@sato:~# cd Downloads/		

4. Type "Is" and click the Enter button to check driver file downloaded.



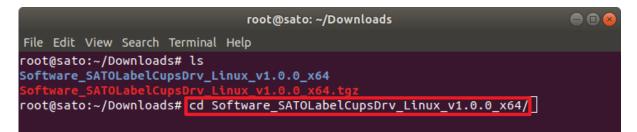
5. To extract the driver zip file, type "tar xvf driver name" and click the Enter button.



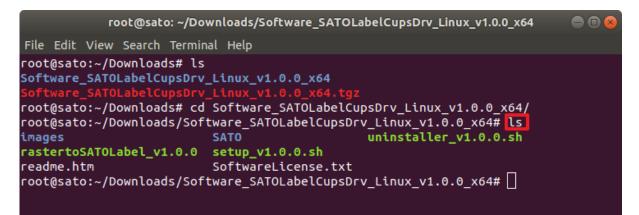
6. Type "Is" after extracting the zip file to check the driver folder.

root@sato: ~/Downloads	
File Edit View Search Terminal Help	
Software_SATOLabelCupsDrv_Linux_v1.0.0_x64/uninstaller_v1.0.0.sh Software_SATOLabelCupsDrv_Linux_v1.0.0_x64/rastertoSATOLabel_v1.0.0 Software_SATOLabelCupsDrv_Linux_v1.0.0_x64/images/ Software_SATOLabelCupsDrv_Linux_v1.0.0_x64/images/cupsscreen4.jpg Software_SATOLabelCupsDrv_Linux_v1.0.0_x64/images/cupsscreen2.jpg Software_SATOLabelCupsDrv_Linux_v1.0.0_x64/images/cupsscreen5.jpg Software_SATOLabelCupsDrv_Linux_v1.0.0_x64/images/cupsscreen5.jpg	
Software_SATOLabelCupsDrv_Linux_v1.0.0_x64/images/cupsscreen3.jpg Software_SATOLabelCupsDrv_Linux_v1.0.0_x64/images/cupsscreen7.jpg Software_SATOLabelCupsDrv_Linux_v1.0.0_x64/images/Install.htm Software_SATOLabelCupsDrv_Linux_v1.0.0_x64/images/cupsscreen6.jpg Software_SATOLabelCupsDrv_Linux_v1.0.0_x64/images/uninstall.htm Software_SATOLabelCupsDrv_Linux_v1.0.0_x64/images/ConfigureCups.htm	
Software_SATOLabelCupsDrv_Linux_v1.0.0_x64/images/CommandOptionsForCups.htm Software_SATOLabelCupsDrv_Linux_v1.0.0_x64/images/cupsscreen1.jpg Software_SATOLabelCupsDrv_Linux_v1.0.0_x64/SoftwareLicense.txt Software_SATOLabelCupsDrv_Linux_v1.0.0_x64/readme.htm Software_SATOLabelCupsDrv_Linux_v1.0.0_x64/SATO/ Software_SATOLabelCupsDrv_Linux_v1.0.0_x64/SATO/PV3_v1.0.0.ppd Software_SATOLabelCupsDrv_Linux_v1.0.0_x64/SATO/PV4_v1.0.0.ppd root@sato:~/Downloads#ls Software_SATOLabelCupsDrv_Linux_v1.0.0_x64 Software_SATOLabelCupsDrv_Linux_v1.0.0_x64 Software_SATOLabelCupsDrv_Linux_v1.0.0_x64 Software_SATOLabelCupsDrv_Linux_v1.0.0_x64 Software_SATOLabelCupsDrv_Linux_v1.0.0_x64	

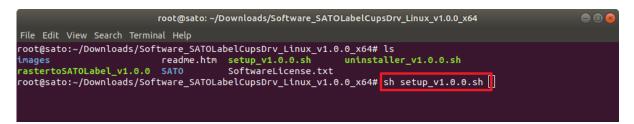
7. Type "cd driver folder name" and click Enter button to move to driver folder.



8. Type "Is" to check the driver.



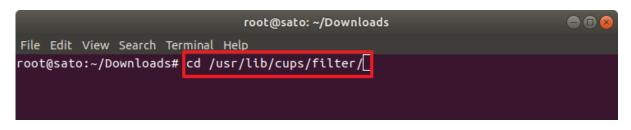
9. Type "sh setup\_vX.X.X.sh" and click Enter button to install the driver.



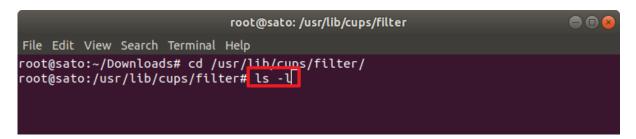
10. After driver installation, "Install Complete" message will be showed.



11. Type "cd/usr/lib/cups/filter" and click Enter button to check if driver installation is completed correctly.



12. Type "Is -I" and click Enter button.



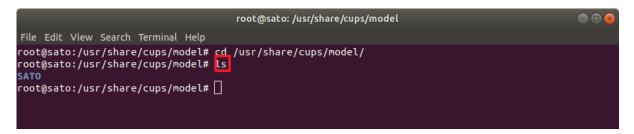
13. Check if the driver file exists and driver version installed is the same as installation version.

			r	pot@sato: /usr/lib/cups/filter	
File Edit View Search Terr	ninal Help				
-rwxr-xr-x 1 root root -rwxr-xr-x 1 root root	14328 3 67736 11			rastertopwg rastertoqpdl	
-rwxr-xr-x 1 root root lrwxrwxrwx 1 root root	15964 3		20120	rastertosaq-qdi rastertoSATOLabel -> /usr/bin/rastertoSATOLabel_v1.0.0	
lrwxrwxrwx 1 root root -rwxr-xr-x 1 root root	11 1		2019	<pre>svgtopdf -&gt; vectortopdf svs5ippprinter</pre>	
-rwxr-xr-x 1 root root lrwxrwxrwx 1 root root	34071 4		2010	textbrftoindexv3 textbrftoindexv4 -> textbrftoindexv3	
-rwxr-xr-x 1 root root -rwxr-xr-x 1 root root	6892 4			texttobrf texttopdf	
-rwxr-xr-x 1 root root -rwxr-xr-x 1 root root	962 4		1 2018 2018	texttops texttotext	
-rwxr-xr-x 1 root root -rwxr-xr-x 1 root root	2557 4			vectortobrf vectortopdf	
lrwxrwxrwx 1 root root lrwxrwxrwx 1 root root	11 1		2819	vectortoubrl -> vectortobrf wmftopdf -> vectortopdf	
lrwxrwxrwx 1 root root root@sato:/usr/lib/cups		<b>1</b>		xflgtopdf -> vectortopdf	

14. Type "cd /usr/share/cups/model" and click Enter button.



15. Type "Is" to check SATO message below. If SATO message is showed up as below, driver installation will be done correctly.



16. Once printer driver is installed correctly, open the browser and type localhost:631. Then Go to Administration and Add Printer.

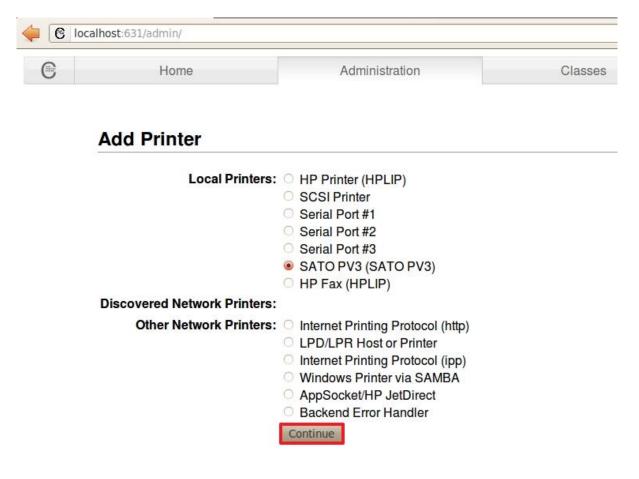
	Home	Administration	Classes	Online Help	Jobs
_	Printers Add Printer Find New Printers	Manage Printers		Server Edit Configuration File View Access	Log View Error Log View Page I
_	Add Class Manage Classes			Server Settings: Advanced ► I Show printers shared by other syst	
_	Jobs Manage Jobs			Allow printing from the Interne     Allow remote administration     Use Kerberos authentication (FAQ     Allow users to cancel any job (not j     Save debugging information for tro	) ust their own)
F	RSS Subscriptions			Change Settings	

17. When below message pops up, enter the 'User Name' and 'Password'.

😣 🗊 Authe	ntication Required
Þ	A username and password are being requested by http://localhost:631. The site says: "CUPS"
User Name:	dwlee
Password:	
	Cancel OK

### **Linux CUPS Driver**

18. Printer can be found in Local Printers. Select the printer and click 'Continue' button. In case of Ethernet Interface, please refer to CUPS Ethernet Setting manual.



### Linux CUPS Driver

19. After configuration of printer name and other information, click 'Continue' button.

🔶 🕑 I	ocalhost:631/admin		
e	Home	Administration	

### Add Printer

Name:	SATO_PV3
	(May contain any printable characters except "/", "#", and space)
Description:	SATO PV3
	(Human-readable description such as "HP LaserJet with Duplexer")
Location:	
	(Human-readable location such as "Lab 1")
Connection:	usb://SATO/PV3
Sharing:	Share This Printer
	Continue

### Linux CUPS Driver

20. After selecting SATO in Make option below, click the 'Continue' button It depends on CUPS version, this page will be skipped.

9	Home		Administrati	on	
A	dd Printer				
	Name:	SATO_PV3			
	Description:	SATO PV3			
	Location:				
	Connection:	usb://SATO/P	/3		
	Sharing:	Do Not Share	This Printer		
	Make:	Raven Raw Ricoh Samsung SATO Savin Seiko Sharp Shinko SiPix	•		
c	Pr Provide a PPD File:	Continue	Bro	wse	

21. Select the printer model and click the 'Add Printer' button.

Ce localho	ost:631/admin		
e	Home	Administration	

### **Add Printer**



22. Configure printer paper size, page type, cut options, etc and click 'Set Default Options' button.

Home       Administration       Classes       Online Help       Jobs         Set Default Options for SATO_PV3         General       Printer Setting       Banners       Policies         General         Media Size:       30* * 30" *         Output Resolution:       203 PFI *         Bensor Type:       General *         Media Type:       Direct Thermal *         Rotation Angle:       No. Of Copies:       T	C lo	calhost:631/admin					ŝ
General Printer Setting Banners Policies General Media Size: 3.0" v Output Resolution: 203 DPI v Sensor Type: Gap v Media Type: Direct Thermal v Rotation Angle: No Rotation v		Home	Administration	Classes	Online Help	Jobs	
General Media Size: 3.0° * 3.0° * Output Resolution: 203 DPI * Sensor Type: Gap * Media Type: Direct Themail * Rotation Angle: No Rotation *		Set Default Options	for SATO_PV3				
Media Size: 3.0* * 3.0* v Output Resolution: 203 DPI v Sensor Type: Gap v Media Type: Direct Thermal v Rotation Angle: No Rotation v		General Printer Setting	Banners Policies				
Output Resolution: 203 DPI v Sensor Type: Gap v Media Type: Direct Thermal v Rotation Angle: No Rotation v					General		
Sensor Type: Gap v Media Type: Direct Thermal v Rotation Angle: No Rotation v							
Rotation Angle: No Rotation V				Outp			
					Set Default Options		

23. Try to test page print by 'Print Test Page' option in 'Maintenance'.

C local	host:631/printers/SATO_PV3				
;	Home	Administration	Classes	Online Help	Jobs
	SATO_PV3 (Idle, Acc	epting Jobs, Not Shar	red)		
	Maintenance V Administration				
	Description: SATO PV3				
	Location:				
	Driver: SATO PV3 (grayso	cale)			
	Connection: usb://SATO/PV3				
	Defaults: job-sheets=none, r	none media=adobe_30X76D2MMY7	6D2MM_3x3in		
	Jobs				
	5053				
			Search in SATO_PV3:		Search Clear
	Show Completed Jobs Show Al	l Jobs			
				No jobs.	
				140 1000.	

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In the following, product specifications and/or user manual content may be changed without prior notice.

### Caution

Some semiconductor devices are easily damaged by static electricity. You should turn the printer "OFF", before you connect or remove the cables on the rear side, in order to guard the printer against the static electricity. If the printer is damaged by the static electricity, you should turn the printer "OFF".

## Revision history

Rev.	Date	Page	Description
1.00	23.09.19	-	New