

Printer registration manual Real-time for PW4NX October 1, 2024 Ver. 1.1





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1. Revision History

Version	Issued on	Revision history
Ver. 1.0	March 7, 2023	First edition
Ver. 1.1	October 1, 2024	Made changes about SATO ID AUTH



2. Introduction

Before using SOS, SOS account is necessary. Please contact nearest SATO local office or our contracted business partners

3. Check your network environment

To connect SOS via your network, The following ports is required to be opened

Port No. : 443/TCP and Port No. : 8883/TCP *Both use outbound only

<Connect method 1>

connect via firewall both of Port No.443 and 8883

<Connect method 2>

Port No.443 connect via proxy server. Port No.8883 connect via firewall.

4. For adding printers to SATO Online Services

To connect printers to SATO Online Services, Set the following printer setting it is necessary to change the network settings of your printers.

- DNS required
- Proxy server required if it connect via proxy server.
- NTP optional

And it is also necessary to prepare following information.

- 1. SOS account (ID,PW)
- 2. Definition of unique printer name and it's location name.

If Multiple locations are existing, we recommend registering location settings beforehand.

%It describe only for SOS setting. Other network setting(IP, Subnet, Gateway and WLAN setting) is referred to printer manual.

https://www.manual.sato-global.com/printer/pw4nx/en/main/index.html



5. DNS settings

Show setting menu of printer.

```
Settings => Interface => Network => Settings => LAN => IPv4
```

DNS	0.0.0.0, 0.0.0.0	Netmask Gateway	255.255.0.0 172 25 1 240
Gateway	0.0.0.0	Netmask	255.255.0.0
IP Address Netmask	0.0.0.0 255 255 255 0	IP Address	172.25.47.19
Mode	Static	Mode	Static
IPv4	● 슈 sos 奈 ◎ 94% ━ (Wi-Fi)	<example></example>	

*Three DNS address can be set

*DNS is not required if DHCP is set.

6. Set Proxy settings. (Mandatory if proxy server is used)

① Show proxy setting screen of product's menu

Settings => Interface => Network => Settings => LAN(or Wi-Fi) => Proxy

- ② Set proxy server value(IP address and port number) in the Server.
 - ex.) http://172.18.1.10:8080 (http://{IP Address}:{Port number})



③ Set the Username and Password respectively. If the username and password are not available in the proxy server, this setting is not required.



۳۳ Proxy	ም ፋን sos 奈 ፡፡ 94% 🔲 י (Wi-Fi)						U	™ ser	े दः na	s so me	s 🖡	₹ ¥ Ç	94% 🗖					P	_{พศ} ิ ass	NC ₩C	so ord	s 🎅	* * 9	4% 🗖
Enabled																								
Server	http://0.0.0.0																							
Port No.		->	a	b	с	d	е	f	g	h			< >	a	b	с	d	е	f	g	h			< >
Username			k		m	n	0	р	q		s		123	k		m	n	0	р	q		s		123
Password			u	v	w	х	у	z					Shift	u	٧	w	х	у	z					Shift
Exclude			K	×			<u>ــــ</u>				@	!?	\checkmark		×			<u>ــــ</u>				@	!?	~
Ð						J						~					J						~	

(4) Check exclude setting contains \lceil 127.0.0.1, localhost \rfloor .

[[]127.0.0.1, localhost] are static value. Leave this setting and no change.

Proxy	ề ᡎ sos 奈☆93% □ ⁄ (Wi-Fi)						1	NFC Exc	ି ନ୍ଦ luc	so le	s 🔋	* * 5	94%	
Enabled														
Server	http://0.0.0.0					12	7.0	.0.1	., lo	cal	hos	t		
Port No.		1	a	b	С	d	е	f	g	h			<	>
Username			k		m	n	0	р	q		s	t	12	23
Password			u	v	w	х	у	z					Sł	nift
Exclude			•	×			L				@	!?	•	/
ţ						Ŋ						\checkmark		

And if there is no value set on this menu, please enter 127.0.0.1, localhost manually

(5) Check the checkbox to enable the valid item.





7. SOS mode settings

1) Show SOS mode settings screen.

Settings => Interface => Network => Services => Online Services => SOS Mode

② Set SOS Mode to Real-Time from Disable



③ Check the terms of SOS and agree them.



8. Reboot printer

Reboot printer and make sure that SOS icon and cloud icon are appeared on printer LCD.

9. Check Association code.

1) Show SOS Association menu.

```
Settings => Interface => Network => Services => Online Services => SOS Association
```



② Press SOS Association to "Start".

ess sos ہے Online Service	奈》93% 🗖 es
SOS Mode	Real-Time
Allow Remote Control	Always
MQTT Protocol	MQTT
Add Device	Start
Contact Information	>
Ð	

③ "Serial Number"(8 Chars) and "Association code"(12 Chars) are shown on screen.(Recommend to note it)



*Association code will expire 10 minutes after showing.



10. Login to SATO Online Services

*SOS Smart App can access to login

① Login to SATO Online Services

Login URL is your SOS account,

*Logn URLis provided SATO or business partners

	English 🗸
Wetcome. On September 12th, SOS has been renewed. If you already have an ID and have not yet logged in before, please reset your password at the login page shown. Further, the sub-domain has changed, So, after you have logged in, please bookmark the page and remove the old one. Please reset the password from here. Please reset the password from here.	
Login with your SGS account	
E-mail	
Password Forget recovered	
Cogn	
Please sign up if you do not have an account	

Enter E-mail and Password

11. Register new location

① Move to "Manage locations" menu.

User name menu => Manage locations.

+ Add device V L SOS_GMC01_company01_admin V	Add location	×
SOS_GMC01_company01_admin	Location name Location name	
sos_gmc01_company01_user001@yahoo.co.jp	Country- United Kingdom	•
Dashboard	Postal code- Postal code	
Device list	Address- Address	
Company information	Division - Division	
Manage locations	PIC	
	Contact number - Contact number	
Contact us	Memo Memo	
Logout	* Input required	
	Add	

② Input information of new location and press [Add]



12. Register your printer via PC.

① Move to "Real-time" screen.

User name menu=> Real-time

	+ Add device 🗸	
		*Ne
l	Real-time	* Va
	On-demand	
	Other devices	
	Other device batch registration	

Need to create SOS Account beforehand. You can also use SOS Smart App for this operation

② Input printer information

Add printer	Updated	
Serial number] [Associa equired http://www.sato-sos.com	tion code] displayed on the printer screen is n/support/sos_usermanual.pdf#page=12	
Serial number-		
As ociation code+	Association code displayed on the printer	
Nevice name-		
Location*	,	
Memo1		
Memo2		
Memo3		
Input required		
	Add	
Add real time printer		1
Add printer	Updated	

Input following information and press "Add"

- · Serial number.
- (see at 10 · ③)
- · Association code
 - (see at $10 \cdot 3$)
- Device name
- Identification name of printer.
- Location

Where printer is installed at.

*Other item is optional.

Printer registration is completed.



13. Confirmation.

Check the "Device list" of SATO Online Services show operated serial number.

SOS_GM	C01_company01					+	 Add devic 	e 🗸	L SOS_GMC01_compa	ny01_admin 🗸
٩	Dashboard / De	vice list								=
	• Serial number	(Partial Match) = KIT	ramura • sos type =	Real-time						
	Display 1 to 1 of	18		🛃 Asset ma	anagement list	d D	evice list	Q	Search	
	Serial number $\downarrow \uparrow$	Location 11	Device name 11	SOS type 💵	Model name	11	Status	11	Life counter $\downarrow\uparrow$	
	KITAMURA	Sales office in Japan	Mr. Kitamura's printer	Real-time	CL6NX 203dpi					

Registration process is completed.

Please see following manual for check other information.

https://www.sato-sos.com/en/support/sos_usermanual.pdf

* The above registration process can also be performed from SOS Smart App (application for SOS smartphone).

Also, SOS Smart App is convenient to input the association code by QR code reading function. For details, refer to the SOS Smart App manual.

https://www.sato-sos.com/en/support/sos_usermanual_mobile.pdf