



Printer Registration manual for Network (Real-time Light)

—CT4-LX—

Check your network environment

To connect a printer to SATO Online Services("SOS") via your network, the following ports are required to open.

Port No : **443/TCP**, & Port No:**8883/TCP** ※Both ports use outbound only.

< Connection method 1 >

- Port 443 via proxy server

<Connection Method 2 >

- Port 443 via firewall

Port diagnostic service

This service can be easier to diagnose a customer's network environment. Please visit SOS website and check the URL <https://www.sato-sos.com/en/portscan/>

Printer Registration

In order to use SOS, it is also needed to configure the printer as following.

- Network settings----- **Mandatory**
- Proxy server----- If using Proxy server
- Network Time Protocol("NTP")----- If needed

And also, prepare the user information in advance.

(1) Register a SOS account (User ID:email address, Password)

(2) location and printer(device) name

* If you have several locations, it would be better to register an address and contact information.

1. Configure the network information of the printer

Settings ⇒ Interface ⇒ Network ⇒ Settings ⇒ LAN ⇒ IPv4 (or IPv6)

<Example>

Mode	Static
IP Address	172.24.47.15 255.255.0.0
Netmask	172.24.1.240
Gateway	172.18.1.52,172.18.1.53
DNS	





2. Configure the proxy setting (It is mandatory if using Proxy server)

(1) Go to Proxy setting

Settings ⇒ Interface ⇒ Network ⇒ Settings ⇒ LAN ⇒ Proxy

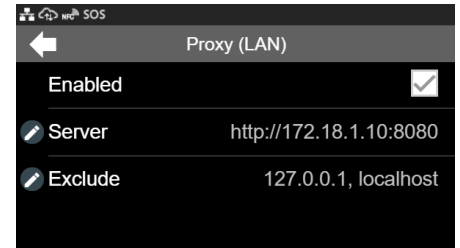
(2) Enter Proxy server information (IP Address and Port No.

<Example> IP address:port No.

- Enabled Tick the box (*1)
- Server http://172.18.1.10:8080
- Exclude 127.0.0.1,localhost (*2)

*1 Enable to tick after entered "Server" and "Exclude"

*2 It is mandatory to enter "127.0.0.1,localhost"

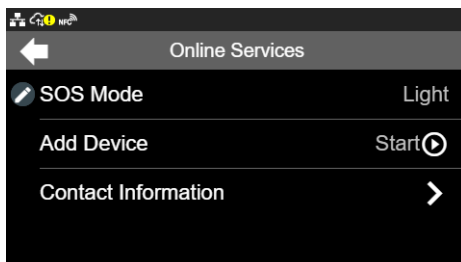


3. Configure the SOS setting

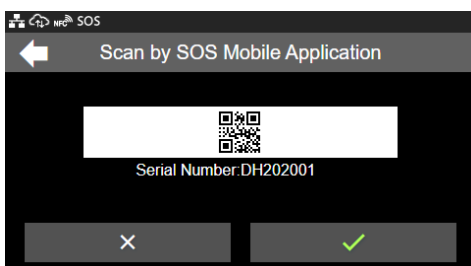
(1) Display SOS menu


Settings ⇒ Interface ⇒ Network ⇒ Services ⇒ Online Services

(2) Set SOS Mode as "Light"



(3) Select "Add Device" and keep showing QR code(Serial Number on the display)



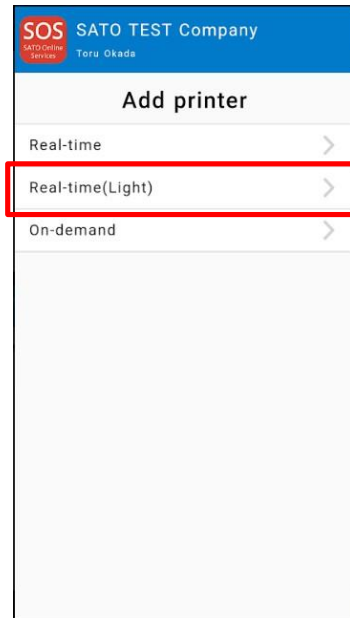
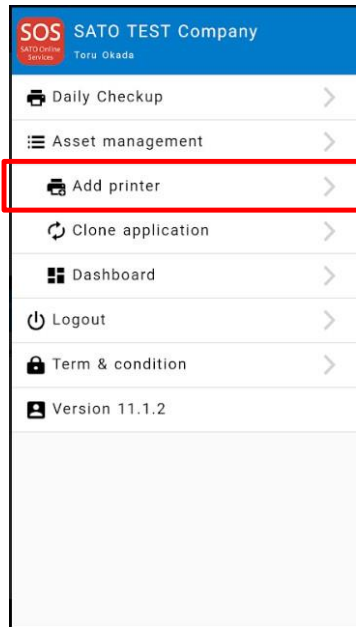
If the cloud icon is shown as , it might not be able to communicate via HTTPS.

So Please check the network setting.

Printer registration with SOS Smart App

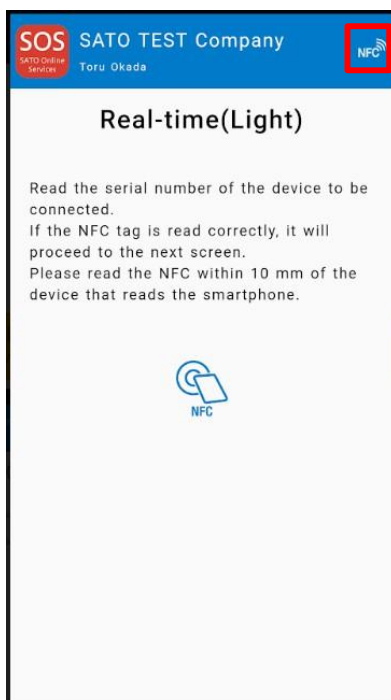
1. Log in to SOS Smart App

- Startup SOS Smart App and log-in. Select Add printer.
- Select "Real-time(Light)".



2. Scan NFC

Please make sure that NFC icon is blinking. If not, please check your mobile that NFC function is enabled.



←make sure that the NFC icon is blinking



Overlap the NFC logo on the mobile and CT4-LX logo.



When NFC is read properly, Mobile App displays the registration page. Make sure the printer's serial number and select the location.
(And modify a device name if necessary)

If it is OK, tap **Add** button.

A screenshot of a mobile application interface for 'SATO TEST Company'. The header shows 'SOS SATO TEST Company' and 'Toru Okada'. The main title is 'Real-time(Light)'. Below it, there are three numbered steps: '1. Serial number' with a text field containing 'DH202001', '2. Device name' with a text field containing 'DH202001', and '3. Installation location' with a dropdown menu showing 'R&D office_1'. A red rectangle highlights the entire registration form area. At the bottom of the form is a blue button labeled 'Add'.



Printer registration from PC

1. Login to SATO Online Services

Login URL will be provided from SATO or your Business Partner.

Welcome.
On September 17th, 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.](#)

[Login with SATO ID & ID](#)

Login with your SOS account

E-mail
Password [Forgot password](#)

☐ Stay logged in

[Login](#)

Enter email address and password.

2. Register Locations

(1) Go to "Manage Locations" and click button.

Add device SOS_GMC01_company01_admin

SOS_GMC01_company01_admin
sos_gmc01_company01_user001@yahoo.co.jp

Dashboard
Device list
Company information
Manage locations
Contact us
Logout

Add location

Location name*

Country*

Postal code*

Address*

Division*

PIC

Contact number*

Memo

* Input required

[Add](#)

(2) Enter necessary information and click to complete.

3. Register printer

(1) Go to "+ Add device" and select "On-demand/Light" as following.

Add device

Real-time
On-demand/Light
Other devices
Other device batch registration



(2) Enter Serial number and click **Code** button, then shows the PIN code.
After that, enter this PIN code to the printer.

get PIN code get association code Add on-demand/Light printer Completed to add a printer

[Serial number] displayed on the printer screen is necessary. Please refer to the following URL
<https://document-bag.sato-sos.com/manual.pdf#page=16>
Enter the serial number and click on "Code" to display the PIN code. You can obtain [Association Code] by entering the PIN code on the printer screen.

Serial number* DH202001 **Code**

PIN code 5 8 2 0

* Input required

Next

Printer display

← PIN Code

5820

0 <-> 9999

	1	2	3	⌫
	4	5	6	→
	7	8	9	←
	-	0	.	✓

(3) Enter a printer information.
After fill in the required information, click **Add** button.

get PIN code get association code Add on-demand/Light printer Completed to add a printer

Please enter the [Association code] here. It is required to enter the PIN code on the printer first. before getting that code
<https://document-bag.sato-sos.com/manual.pdf#page=16>

Serial number DH202001

PIN code 5820

Association code* 935F88DEB179

Device name* Test CT4-LX

Location* R&D office_1

Memo1 DEMO UNIT

Memo2

Memo3

* Input required

Add

Required items

- Serial number
 - Association code
 - Device name
 - Location
- in order to identify the printer where the printer is installed

Registration completed

get PIN code get association code Add on-demand/Light printer Completed to add a printer

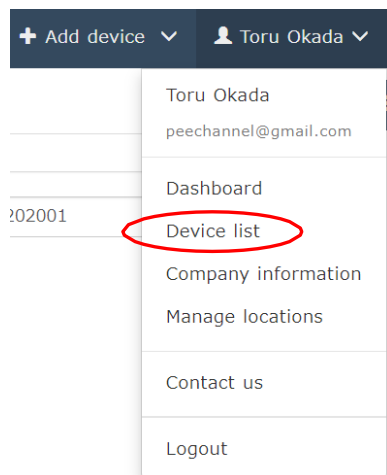
Completed

Serial number : DH202001



4. Confirm the registraion

Go to "Device list" from the menu and check the printer.



Display 1 to 3 of 3							Asset management list	Device list	DH202001
Serial number	Device name	SOS type	Model name	Status	Location	Last connection date			
DH202001	Test CT4-LX	Real-time(Light)	CT4-LX TT 305dpi	OFFLINE	R&D office_1	2019-12-19 09:15:52			

Registration process is complete.

Please refer below URL link for more information.

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