



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

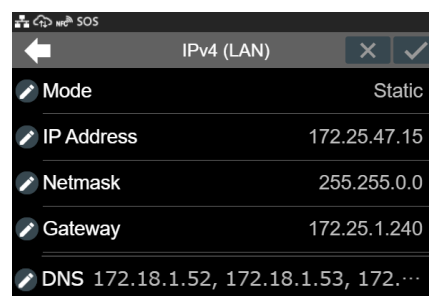
* If you have several locations, it would be better to register an address and contact information.

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

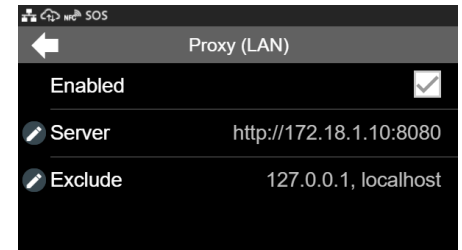
(2) Enter Proxy server information (IP Address and Port No.)

<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"

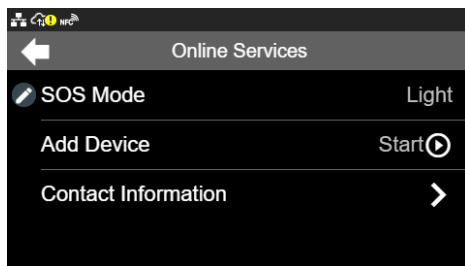


3. Configure the SOS setting

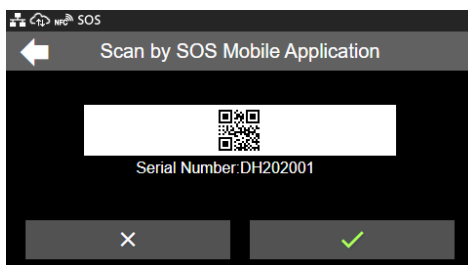
(1) Display SOS menu


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)



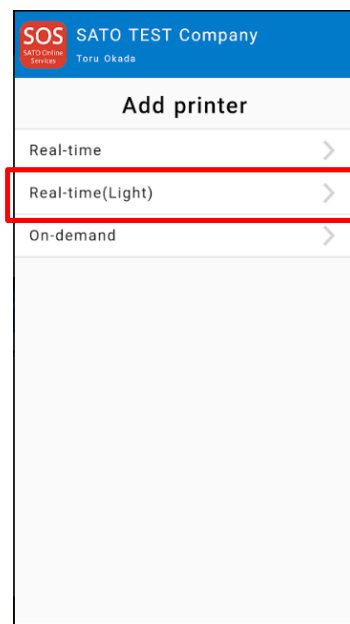
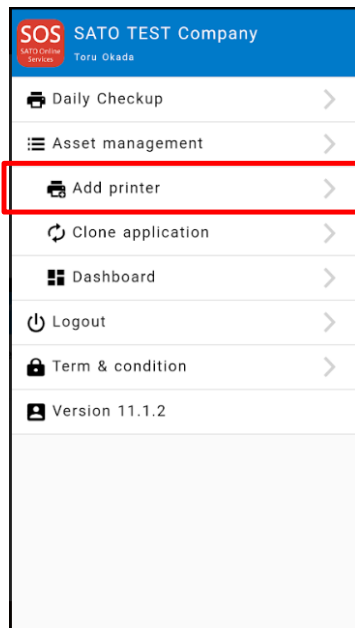
If the cloud icon is shown as , it might not be able to communicate via HTTPS.

So Please check the network setting.

Printer registration with SOS Smart App

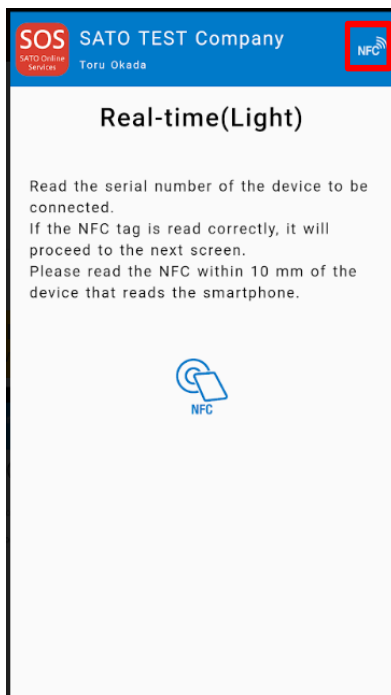
1. Log in to SOS Smart App

- 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 bar is blue with the 'SOS' logo and the text 'SATO TEST Company' and 'Toru Okada'. Below the header, the title 'Real-time(Light)' is displayed. The form contains three fields: '1. Serial number' with the value 'DH202001', '2. Device name' with the value 'DH202001', and '3. Installation location' with a dropdown menu showing 'R&D office_1'. A red rectangle highlights the entire 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.

The login page features a dark blue header with the SATO logo and a language dropdown set to 'English'. The main content area has a light gray background. It includes a welcome message, a notice about a password reset due to a domain change, and a link to 'Please reset the password from here.' Below this is a login form with fields for 'E-mail' and 'password', a 'Stay logged in' checkbox, and a 'Login' button. A 'Forgot password' link is also present. The footer contains copyright information for SATO HOLDINGS CORPORATION.

Enter email address and password.

2. Register Locations

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

This block shows two screenshots. The left screenshot is a navigation menu for 'SOS_GMC01_company01_admin' with options like 'Dashboard', 'Device list', 'Company information', 'Manage locations' (circled in red), 'Contact us', and 'Logout'. A blue arrow points to the right screenshot, which is the 'Add location' form. This form contains fields for 'Location name', 'Country' (set to 'United Kingdom'), 'Postal code', 'Address', 'Division', 'PIC', 'Contact number', and 'Memo'. An 'Add' button is at the bottom right.

(2) Enter necessary information and click to complete.

3. Register printer

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

The dropdown menu for '+ Add device' shows four options: 'Real-time', 'On-demand/Light' (circled in red), 'Other devices', and '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.

The screenshot shows the SATO SOS management interface. At the top, there is a header bar with a '+ Add device' button and a user profile for 'Toru Okada'. Below the header, a dropdown menu is open, showing options: 'Toru Okada', 'peechannel@gmail.com', 'Dashboard', 'Device list' (highlighted with a red circle), 'Company information', 'Manage locations', 'Contact us', and 'Logout'. Below the menu, there is a table of registered devices. The table has columns: 'Serial number', 'Device name', 'SOS type', 'Model name', 'Status', 'Location', and 'Last connection date'. The first row of the table is highlighted with a red rectangle. To the right of the table, there is a search bar with the text 'DH202001' entered and highlighted with a red circle.

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