



Printer Registration manual for Network (Real-time)

—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 and port 8883 via firewall

<Connection Method 2 >

- Port 443 and 8883 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 ,Pasword)

(2)location and printer(device) name

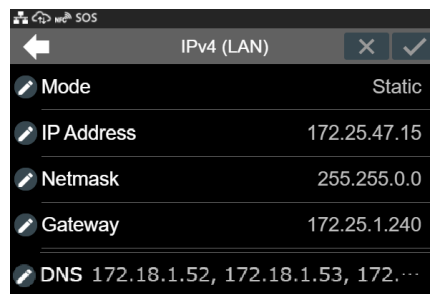
* If you have several locations, it would be better to register an address and contact information.

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

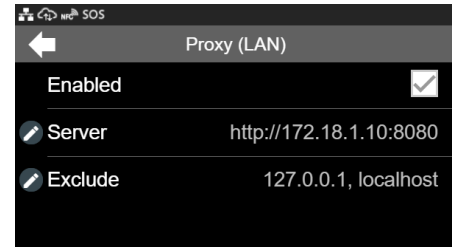
(2) Enter Proxy server information (IP Address and Port No.)

<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"

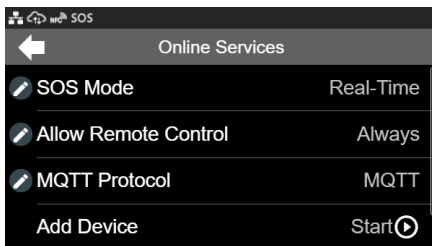


3. Configure the SOS setting

(1) Display SOS menu

Settings ⇒ Interface ⇒ Network ⇒ Services ⇒ Online Services

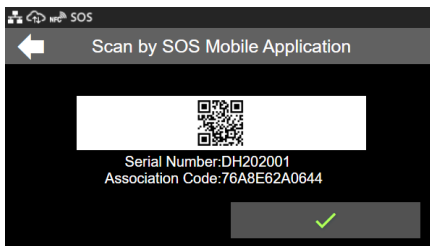
(2) Set SOS Mode as "Real-Time"



(3) Select "Add Device".

(4) It would be better to take a note "Serial Number"(8 digits) and "Association Code"(12 digits)

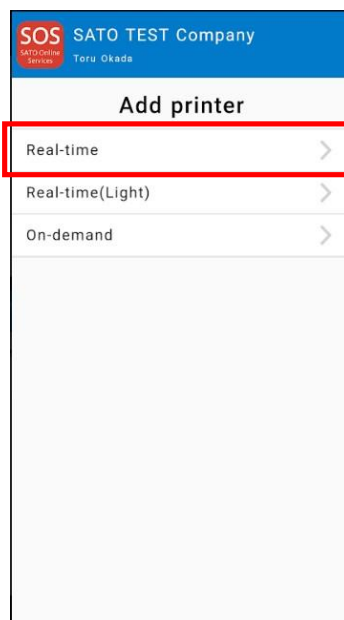
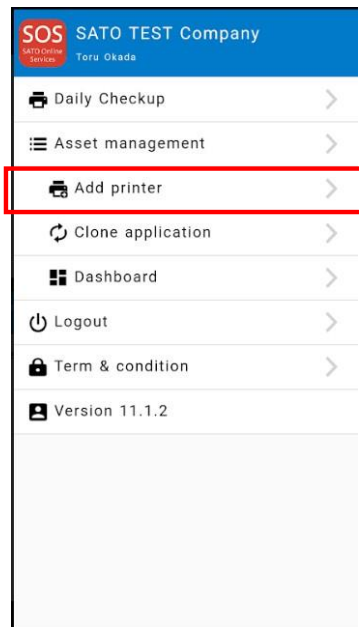
***Association code is valid in 10 minutes after display on the printer.**



Printer registration with SOS Smart App

1. Log in to SOS Smart App

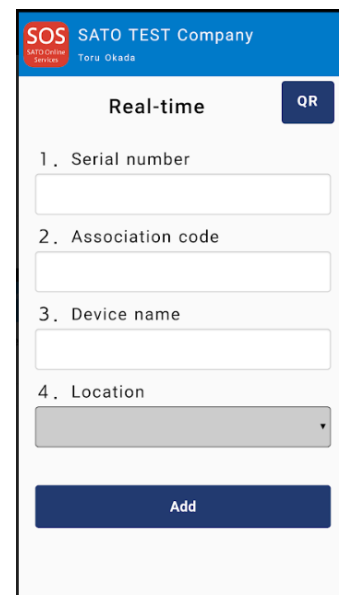
- Startup SOS Smart App and log-in. Select Add printer.
- Select Real-time.



2. Scan QR code

Scan QR code which is displayed on the printer. (*refer the page 2 , 3-(4))

- Tap **QR** button and scan QR code.
- Serial number and Association code will be entered Automatically.
- Enter Device name and choose Location.
- Tap **Add** to complete the registration.

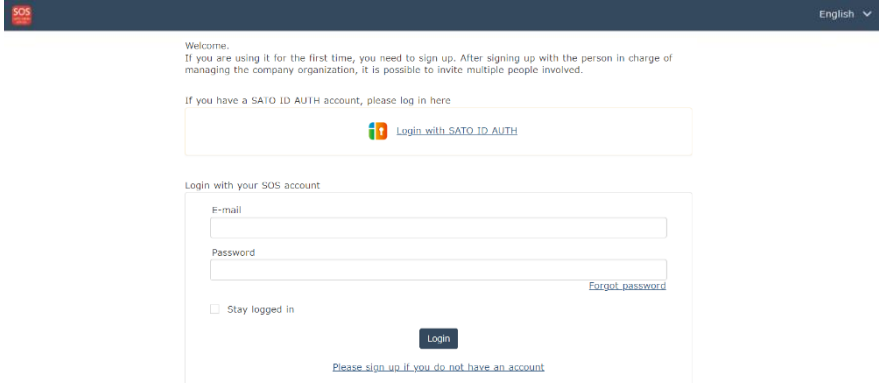


The screenshot shows the 'Real-time' registration screen. The header bar is blue with the 'SOS SATO TEST Company' logo and 'Toru Okada' name. Below the header, there is a title 'Real-time' and a 'QR' button. The screen contains four numbered fields: '1. Serial number', '2. Association code', '3. Device name', and '4. Location'. Each field has a text input area. Below the fields is a blue 'Add' button.

Printer registration from PC

1. Login to SATO Online Services

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

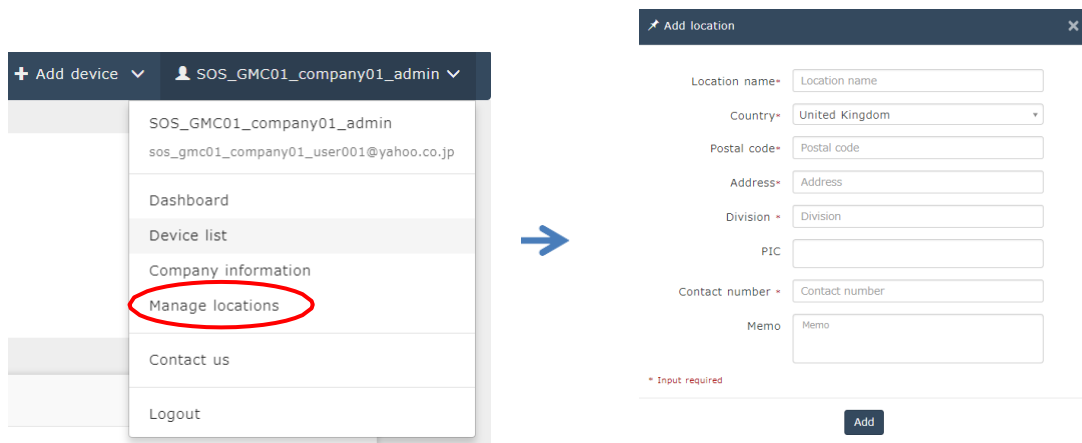


The login page features a dark blue header with the SATO logo and a language dropdown set to 'English'. Below the header, a welcome message states: 'Welcome. If you are using it for the first time, you need to sign up. After signing up with the person in charge of managing the company organization, it is possible to invite multiple people involved.' A link 'Login with SATO ID AUTH' is provided for users with an account. Below this, a login form for 'SOS account' includes fields for 'E-mail' and 'Password', a 'Forgot password' link, a 'Stay logged in' checkbox, and a 'Login' button. A footer note says 'Please sign up if you do not have an account.'

Enter email address and password.

2. Register Locations

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

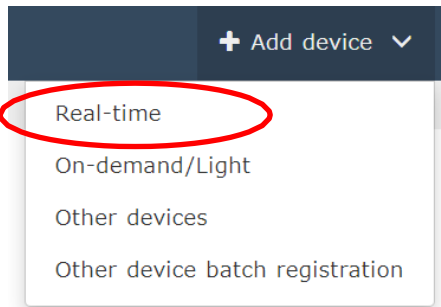


The left panel shows a navigation menu with options: '+ Add device', 'SOS_GMC01_company01_admin', 'SOS_GMC01_company01_user001@yahoo.co.jp', 'Dashboard', 'Device list', 'Company information', 'Manage locations' (circled in red), 'Contact us', and 'Logout'. A blue arrow points from the 'Manage locations' option to the right panel. The right panel is the 'Add location' form, which includes fields for 'Location name', 'Country' (set to 'United Kingdom'), 'Postal code', 'Address', 'Division', 'PIC', 'Contact number', and 'Memo'. A red asterisk indicates 'Input required' for several fields. An 'Add' button is at the bottom right.

(2) Enter necessary information and click  to complete.

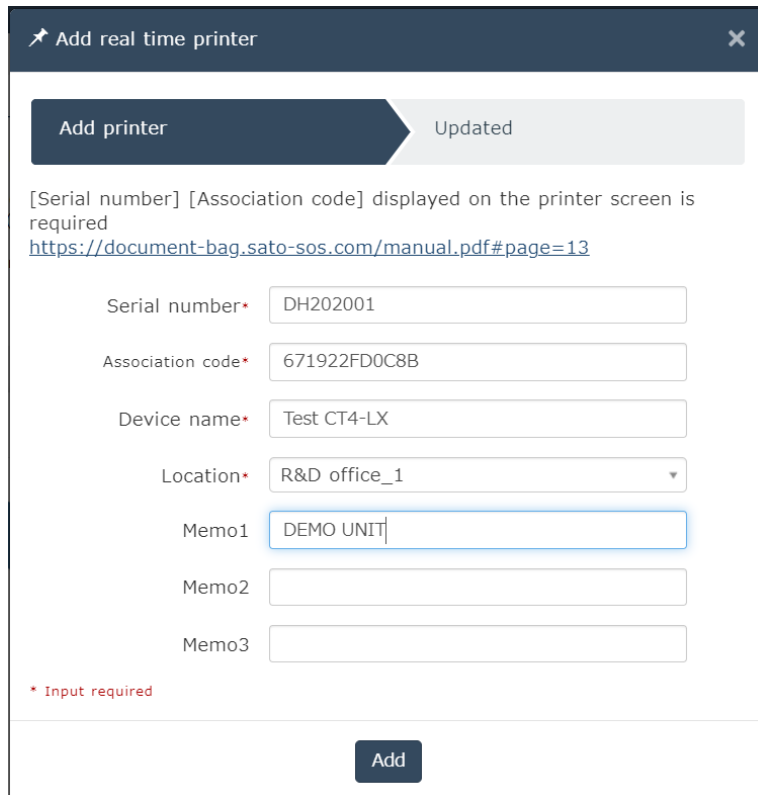
3. Register printer

(1) Go to "+ Add device" and select "Real-time" as following.



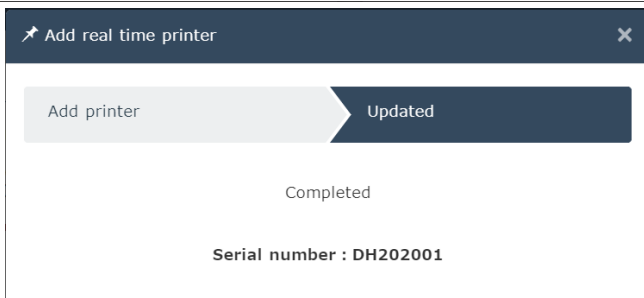
(2) Enter a printer information.

After fill in the required information, click **Add** button.

A screenshot of a web form titled 'Add real time printer' with a close button (X) in the top right. The form has a progress bar at the top with 'Add printer' (dark blue) and 'Updated' (light grey). Below the progress bar, a note states: '[Serial number] [Association code] displayed on the printer screen is required' followed by a URL: <https://document-bag.sato-sos.com/manual.pdf#page=13>. The form contains several input fields: 'Serial number*' with value 'DH202001', 'Association code*' with value '671922FD0C8B', 'Device name*' with value 'Test CT4-LX', 'Location*' with a dropdown menu showing 'R&D office_1', 'Memo1' with value 'DEMO UNIT', 'Memo2', and 'Memo3'. A red asterisk and the text '* Input required' are at the bottom left. An 'Add' button is at the bottom center.

Required items

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





4. Confirm the registraion

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

The screenshot displays the SATO management interface. At the top, there is a header with a '+ Add device' button and a user profile for 'Toru Okada'. A dropdown menu is open, showing options: 'Toru Okada', 'Dashboard', 'Device list' (circled in red), 'Company information', 'Manage locations', 'Contact us', and 'Logout'. Below the menu, a table lists devices. The first row is highlighted with a red border. To the right of the table, there are buttons for 'Asset management list' and 'Device list', and a search bar containing 'DH202001' (circled in red).

Serial number	Device name	SOS type	Model name	Status	Location	Last connection date
DH202001	Test CT4-LX	Real-time	CT4-LX TT 305dpi		R&D office 1	2019-12-17 09:41:30

Registration process is complete.

Please refer below URL link for more information.

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