

SonicDICOM Cloud Connector Setup Guide

SonicDICOM Cloud Connector is software to automatically upload images that is scanned by modality to the cloud.

1 Get ready

Create your PACS on the cloud

In order to use SonicDICOM Cloud Connector, you need to create your account and PACS on the cloud.

Click following link to create your PACS on the cloud by following guidance.

<SonicDICOM PACS Cloud>

<https://console.sonicpacs.com/>

Get the installer of SonicDICOM Cloud Connector

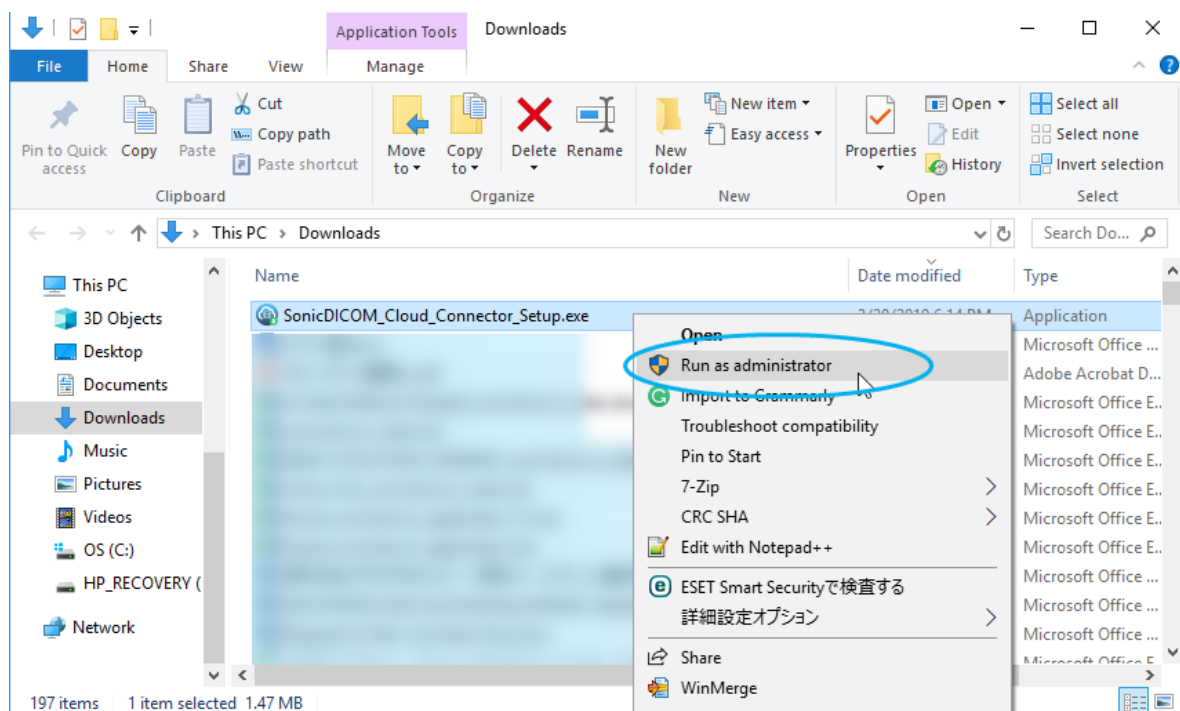
Download the installer from Download page of our product website.

<SonicDICOM Product website Download page>

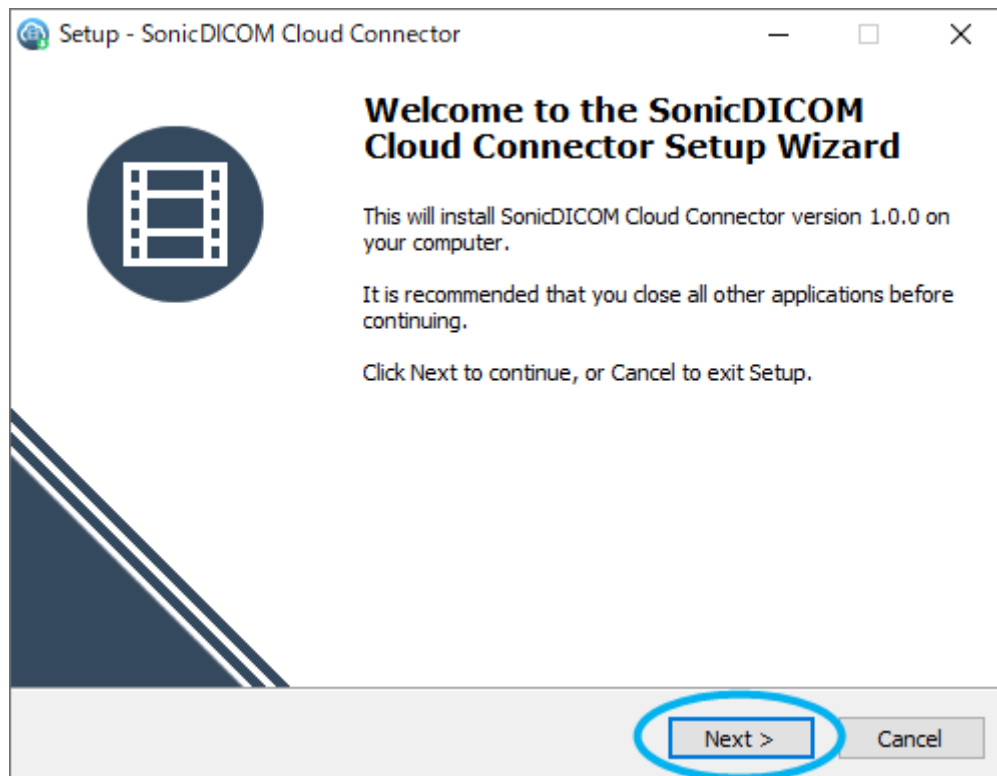
<https://sonicdicom.com/downloads/>

2 Install SonicDICOM Cloud Connector

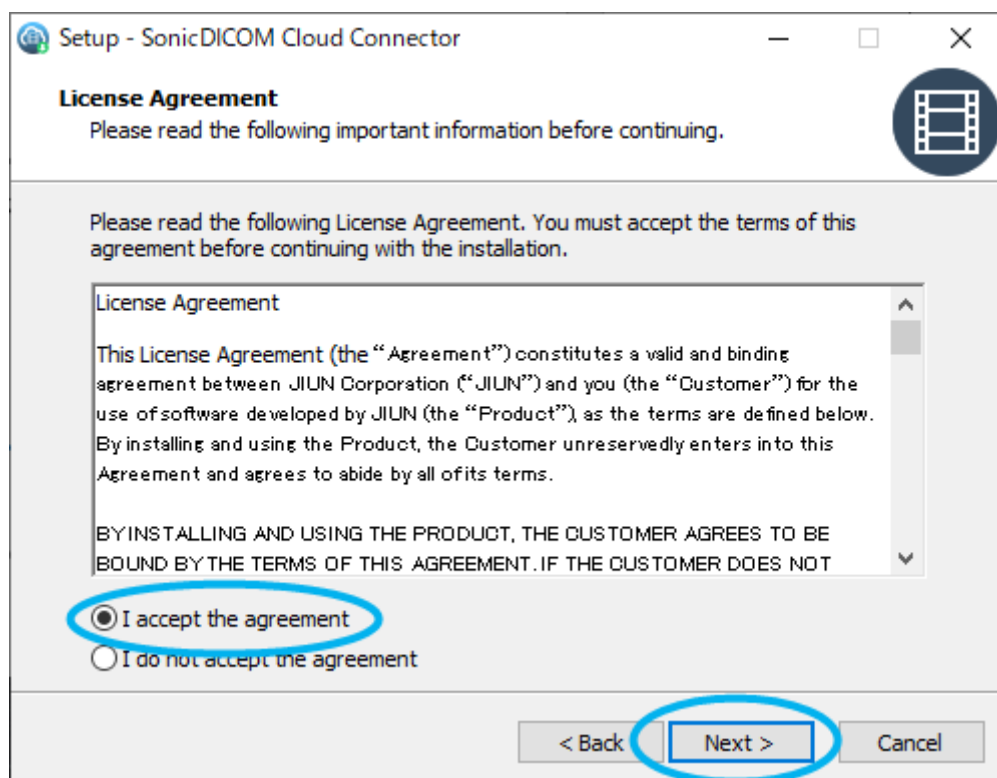
(1) Right-click on the installer "SonicDICOM_Cloud_Connector_Setup.exe", and click "Run as administrator".



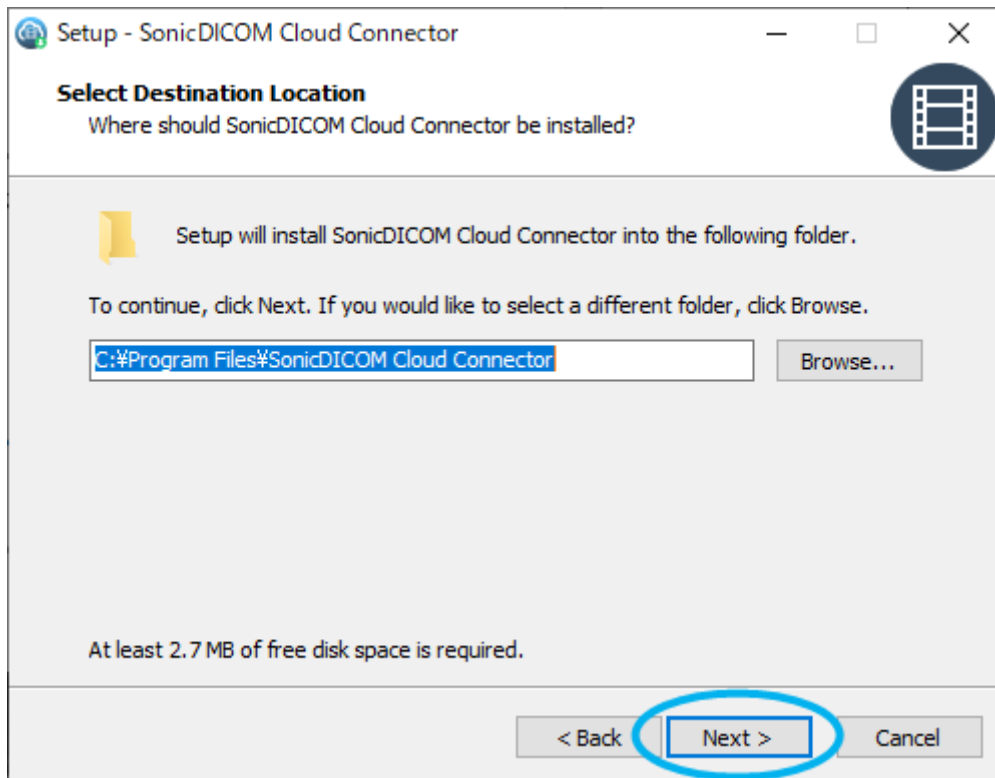
(2) Click "Next".



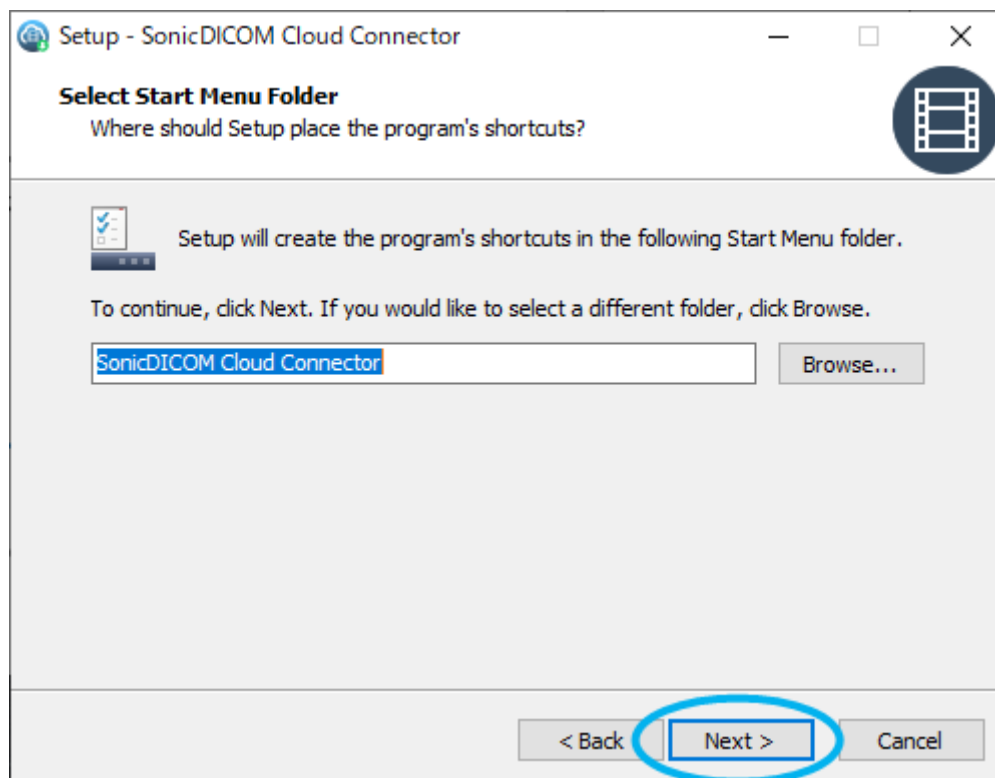
(3) Read License Agreement and put a check mark on "I accept the agreement" after checking its contents. And then click "Next".



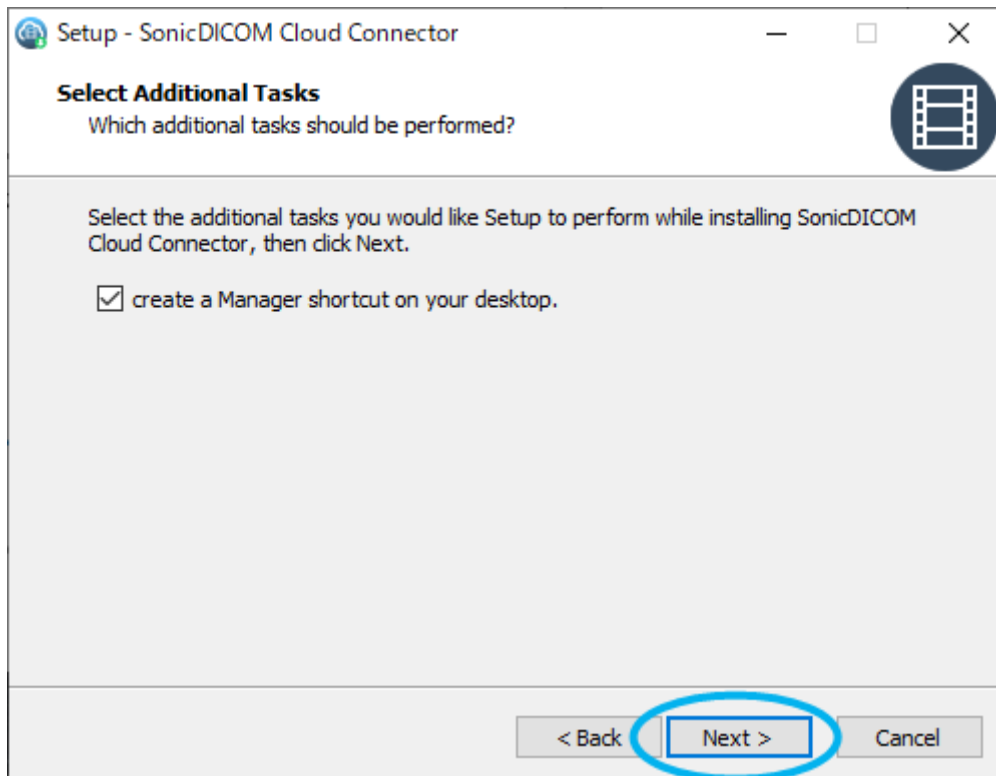
(4) Check a folder to install the software, then click "Next".



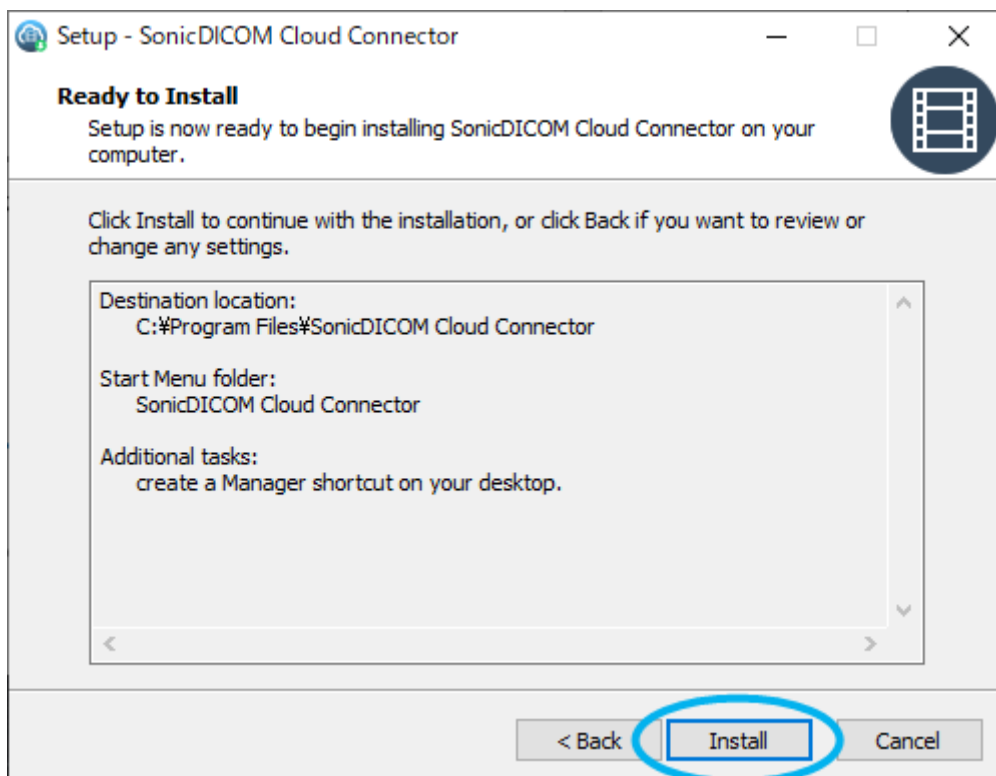
(5) Check a folder to store shortcut, then click "Next".



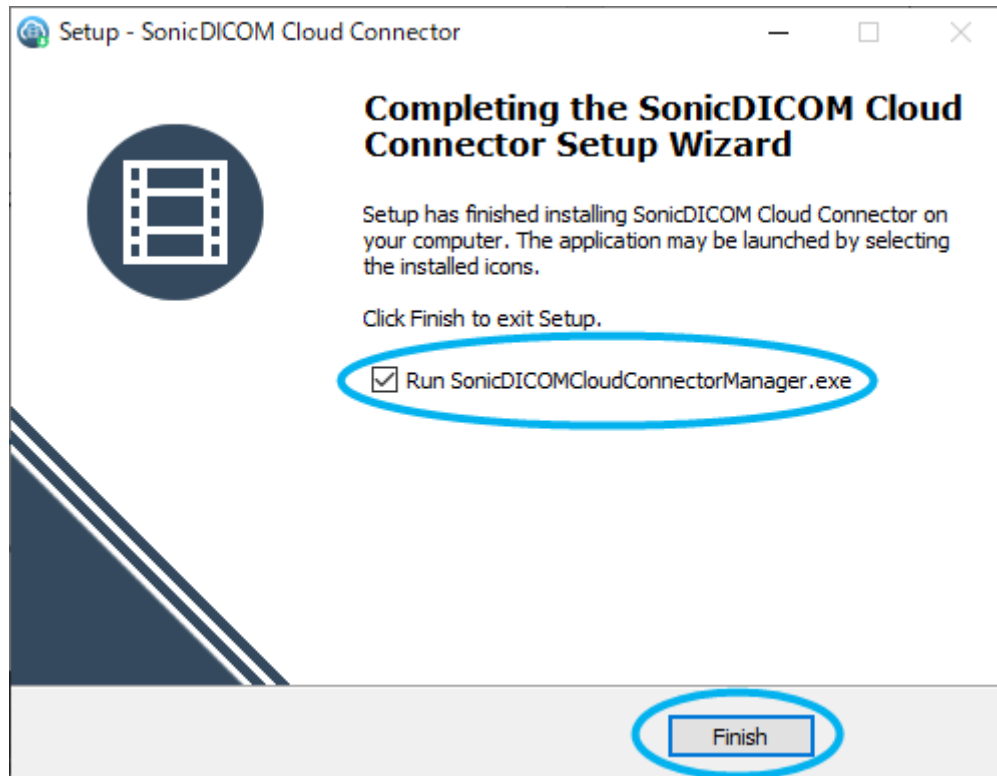
(6) If you would like to create a shortcut of the software on your desktop, put a check mark and click "Next".



(7) Click "Install".

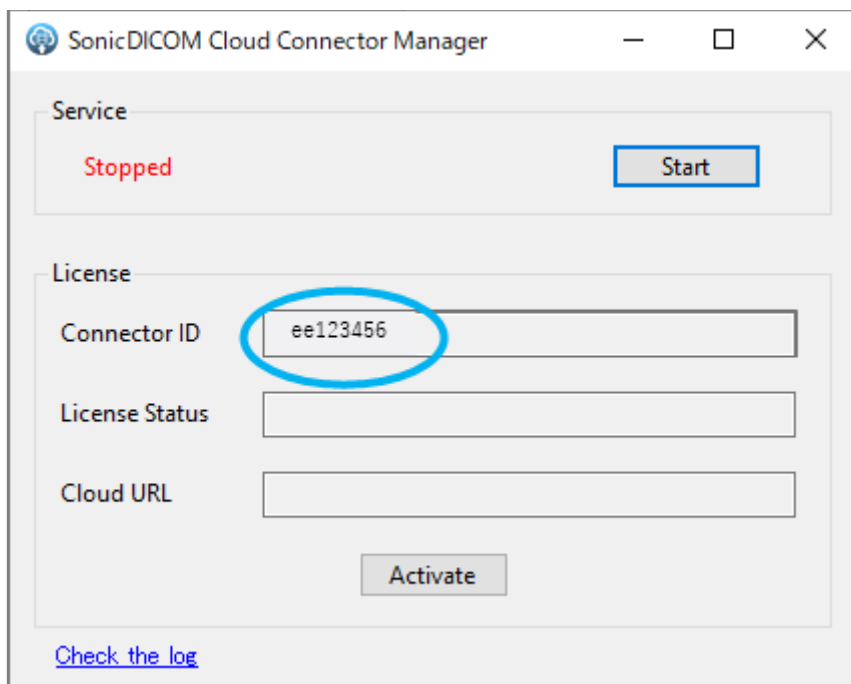


(8) Click "Finish". Then setup will be completed.

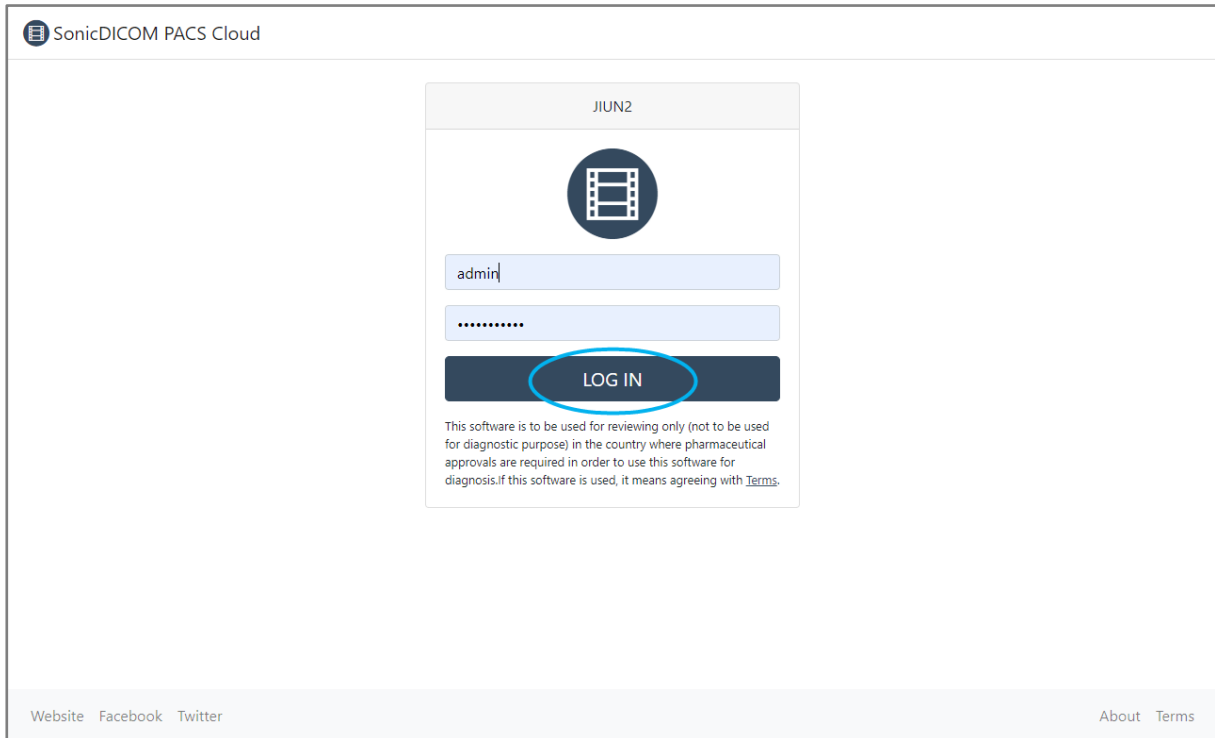


3 Activate license of SonicDICOM Cloud Connector

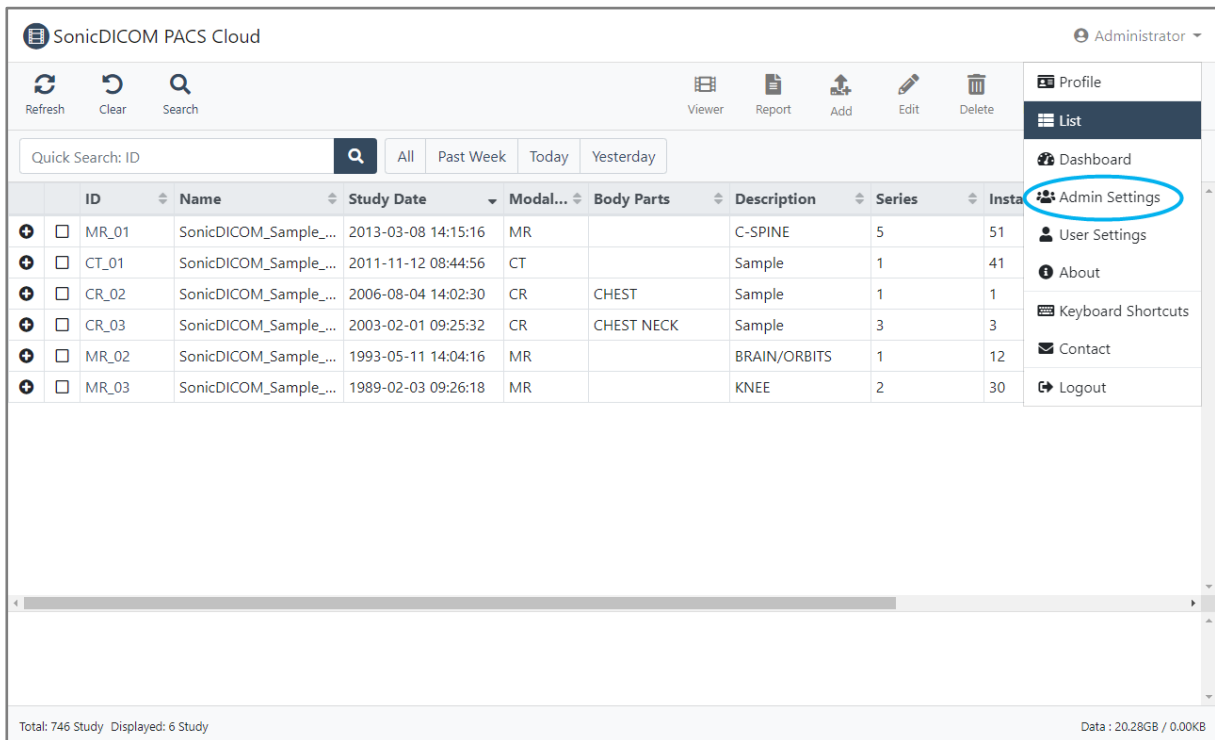
(1) Start up SonicDICOM Cloud Connector Manager, and check your Connector ID. Keep this software starting up.



(2) Access to your created PACS on SonicDICOM PACS Cloud and log in.

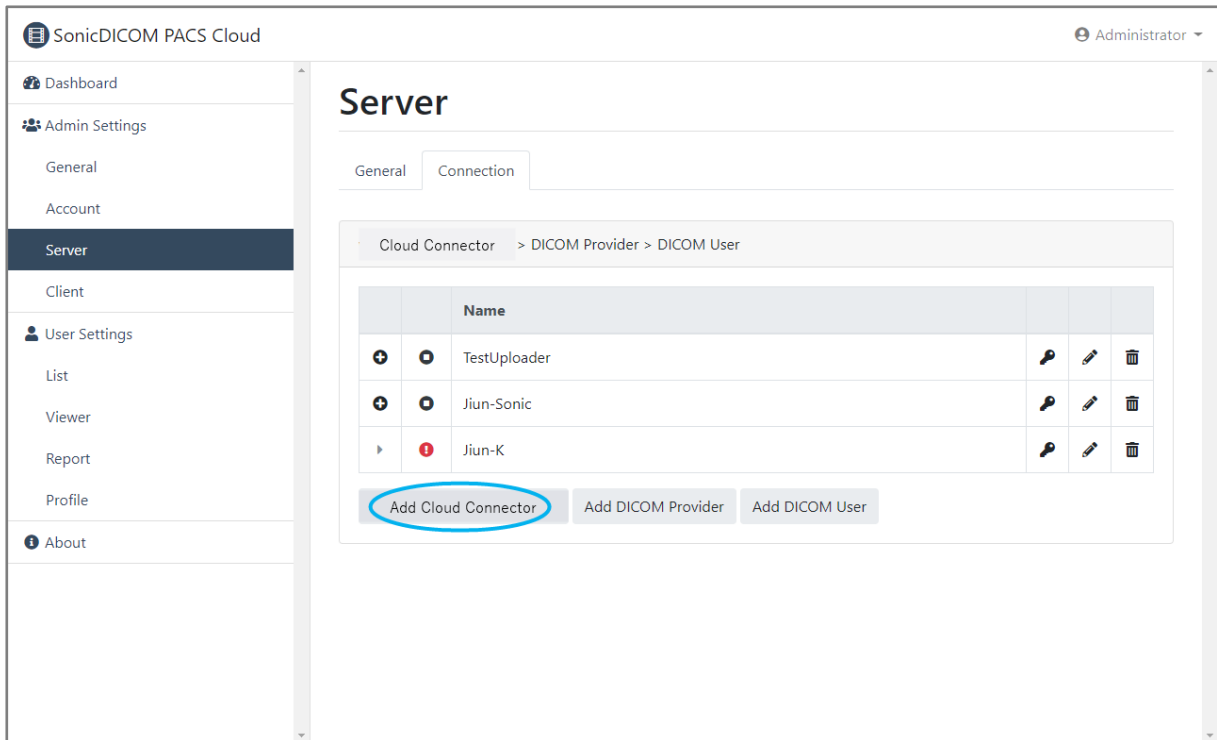


(3) Access to Admin Settings of PACS.



(4) Access to: Admin Settings > Server > Connection

Then click "Add Cloud Connector".

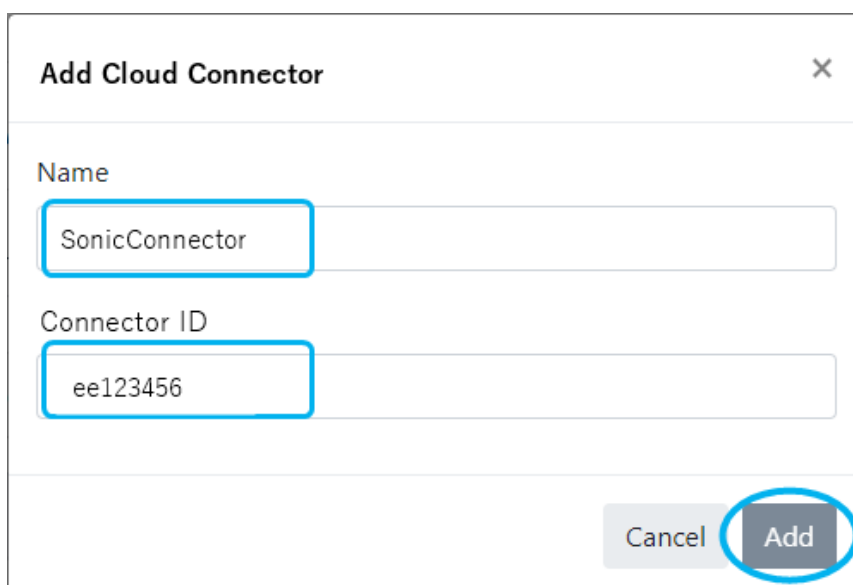


(5) Enter following information on dialog of "Add Cloud Connector".

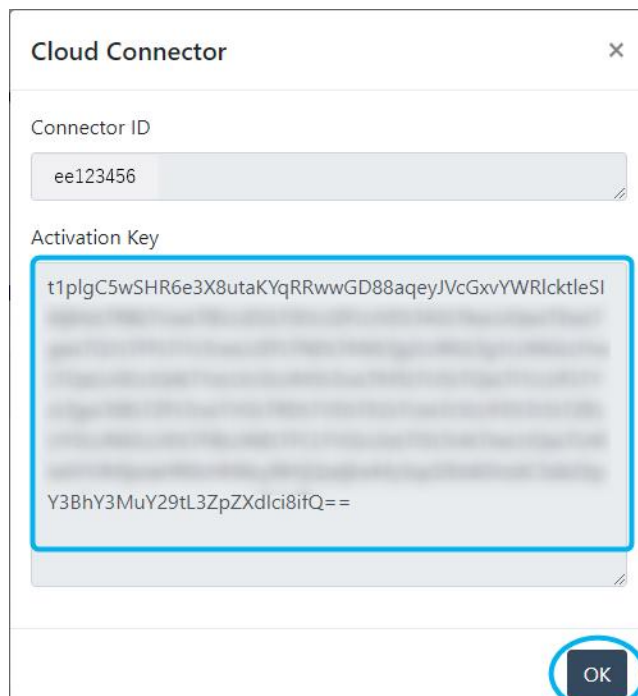
- Name: Your connector name


- Connector ID: The ID that is shown on SonicDICOM Cloud Connector Manager. (The ID you have checked on step 1.)

Then click "Add".

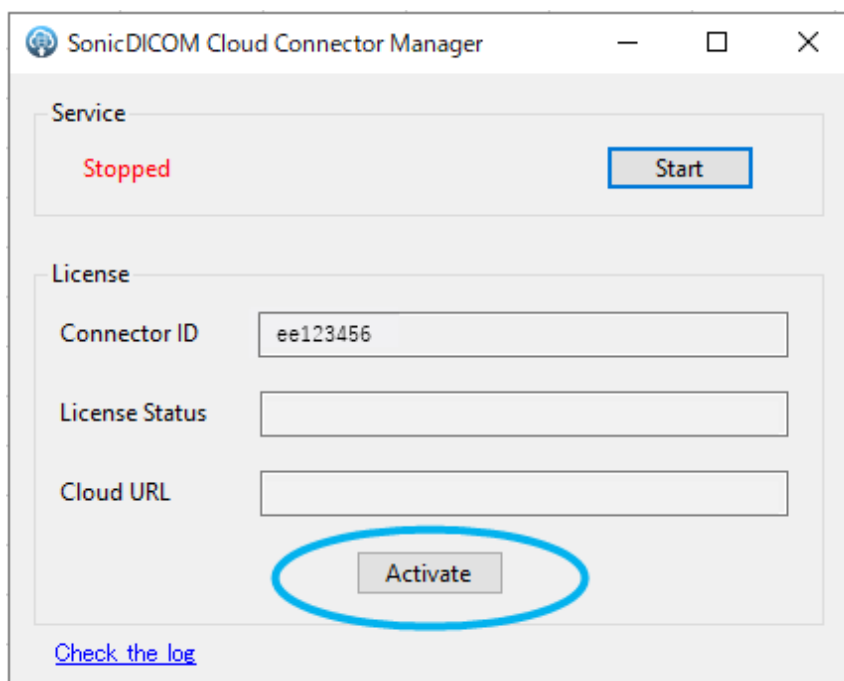


(6) Activation Key is displayed on dialog of "Cloud Connector".
Copy the Activation Key and click "OK".

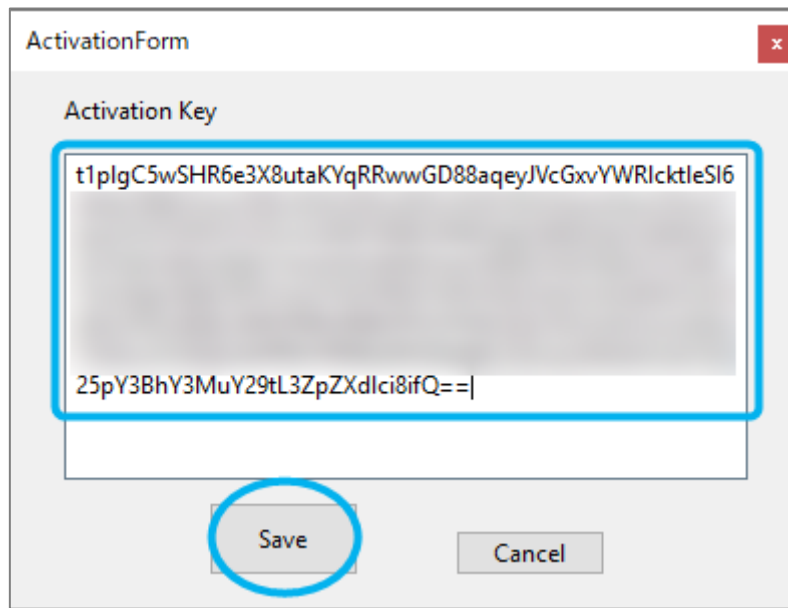


Tips: Once click  button, dialog of "Cloud Connector" will appear. And you can check Activation Key.

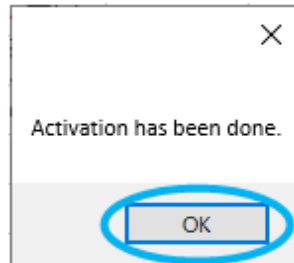
(7) Back to SonicDICOM Cloud Connector Manager and click "Activate".



(8) Paste the Activation Key on dialog of "ActivationForm" and click "Save".



(9) Once activation is done, it shows "Activation has been done.". Then Click "OK".



4 Connect to modality

4.1 Check necessary information

In order for SonicDICOM Cloud Connector to receive the images that are scanned by modality and upload the images to the cloud, you need to register DICOM Provider and DICOM User in Cloud Connector.

- DICOM Provider means information that receives images.
- DICOM User means information that send images.

Necessary information for this registration is "IP Address", "Port Number", and "AE Title".

- **IP Address:**

It is like home addresses or telephone numbers on an IP network.

On Windows default setting, IP Address is configured automatically every time it connects to a network.

In this state, IP Address could be changed at the time of OS start up and so on.

So you need to change this setting and fix the IP Address in devices that will do DICOM communication.

- **Port Number:**

This is the number to identify the program that the computer uses for communication.

- **AE Title:**

This is the name for identifying the application that will do DICOM communication.

4.2 Add information of SonicDICOM PACS Cloud to Cloud Connector

(1) Access to Admin Settings of PACS.

The screenshot shows the SonicDICOM PACS Cloud interface. At the top, there is a header with the application name and user role (Administrator). Below the header is a navigation bar with icons for Refresh, Clear, Search, Viewer, Report, Add, Edit, and Delete. A search bar is present with the text 'Quick Search: ID' and filters for 'All', 'Past Week', 'Today', and 'Yesterday'. The main area displays a table of studies with columns for ID, Name, Study Date, Modal..., Body Parts, Description, Series, and Instance. The sidebar on the right contains a menu with items: Profile, List, Dashboard, Admin Settings (circled in red), User Settings, About, Keyboard Shortcuts, Contact, and Logout. At the bottom, there is a status bar showing 'Total: 746 Study Displayed: 6 Study' and 'Data : 20.28GB / 0.00KB'.

ID	Name	Study Date	Modal...	Body Parts	Description	Series	Insta
MR_01	SonicDICOM_Sample...	2013-03-08 14:15:16	MR		C-SPINE	5	51
CT_01	SonicDICOM_Sample...	2011-11-12 08:44:56	CT		Sample	1	41
CR_02	SonicDICOM_Sample...	2006-08-04 14:02:30	CR	CHEST	Sample	1	1
CR_03	SonicDICOM_Sample...	2003-02-01 09:25:32	CR	CHEST NECK	Sample	3	3
MR_02	SonicDICOM_Sample...	1993-05-11 14:04:16	MR		BRAIN/ORBITS	1	12
MR_03	SonicDICOM_Sample...	1989-02-03 09:26:18	MR		KNEE	2	30

(2) Access to: Admin Settings > Server > Connection
Then click "Add DICOM Provider".

The screenshot shows the Admin Settings - Server - Connection page. The left sidebar menu is expanded to show 'Server' selected. The main content area has tabs for 'General' and 'Connection'. Below the tabs, there is a breadcrumb trail: 'Cloud Connector > DICOM Provider > DICOM User'. A table lists DICOM providers with columns for Name, and icons for Add, Edit, and Delete. The 'Add DICOM Provider' button is circled in red. Below the table, there are three buttons: 'Add Cloud Connector', 'Add DICOM Provider' (circled in red), and 'Add DICOM User'.

Name	Actions
TestUploader	Add, Edit, Delete
Jiun-Sonic	Add, Edit, Delete
Jiun-K	Add, Edit, Delete
SonicConnector	Add, Edit, Delete

(3) Enter information of SonicDICOM PACS Cloud on dialog of "Add DICOM Provider".

- Select Cloud Connector.
- Enter Name, Port Number, and AE Title.
- If you allow modality to automatically connect without registering DICOM User (the modality information), put a check mark on "Allow DICOM Connection with unregistered DICOM User".

Add DICOM Provider [X]

Cloud Connector
SonicConnector

Name
SonicUploader

Port Number
104

AE Title
SonicUploader

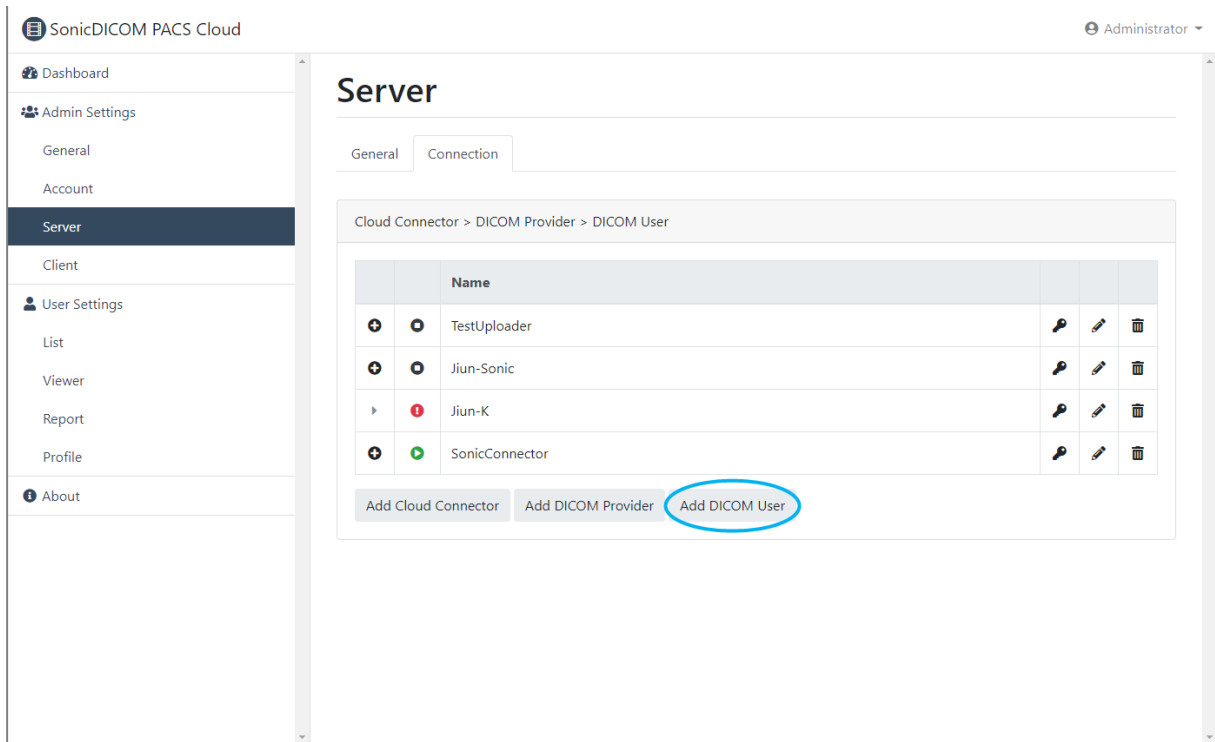
Option
 Allow DICOM Connection with unregistered DICOM User

Cancel Add

After entering all information, click "Add".

4.3 Add information of modality to Cloud Connector

(1) Access to: Admin Settings > Server > Connection
Then click "Add DICOM User".



(2) Enter information of modality on dialog of "Add DICOM User".

- Select Cloud Connector and DICOM Provider.
- Enter Name, IP Address, Port Number, and AE Title

The 'Add DICOM User' dialog box is shown with the following fields and values:

- Cloud Connector: SonicConnector
- DICOM Provider: SonicUploader
- Name: jiun-user
- IP Address: 192.168.
- Port Number: 1000
- AE Title: jiun-user

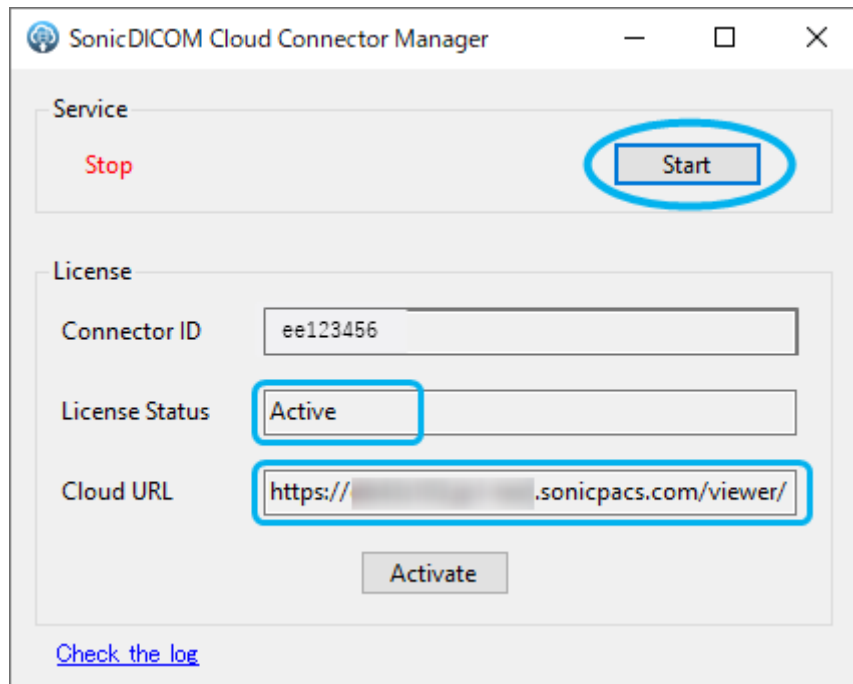
At the bottom right, there are 'Cancel' and 'Add' buttons. The 'Add' button is circled in blue.

After entering all information, click "Add".

4.4 Restart SonicDICOM Cloud Connector Manager

(1) Check that following information is displayed.

- License Status: "Active"
- Cloud URL: The URL of your cloud PACS



Then, click "Start".

(2) Check that Service shows "Start".

