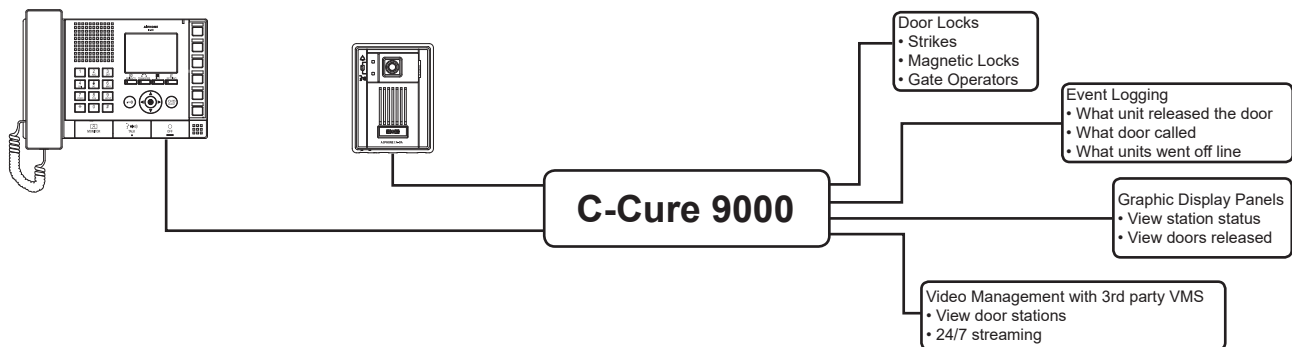


IX Series Integration with C-Cure® 9000

This integration allows the IX Series units to be viewed and utilized within the Software House® C-Cure® 9000 ver. 2.5, 2.6, or 2.7 Access Control and Event Management platform. This makes event logging, visual display of device state, and triggering of external 3rd party functionality easier than ever. This document will cover what intercom events can trigger activities within C-Cure 9000 ver. 2.5, 2.6, or 2.7 and how to enable the IX stations to send those events.

IX Series / Software House C-Cure 9000 diagram



Features

Device States and Events (which can be used to trigger 'Activities' within C-Cure 9000)

- Basic States
 - Offline (device has no connectivity with C-Cure 9000)
 - Online (device has connectivity with C-Cure 9000)
- Calling States/Events (indicates a call between IX stations, depending on priority level)
 - Normal Calling (Normal level call in process)
 - Priority Calling (Priority level call in process)
 - Urgent Calling (Urgent level call in process)
- Communication States (states indicating established communication between IX stations, based on priority level)
 - Normal Communicating (Normal level communication established)
 - Priority Communicating (Priority level communication established)
 - Urgent Communicating (Urgent level communication established)
 - End Communication (Active call or communication terminated)
- Broadcast States/Events (states indicating a Paging Broadcast initiated, based on priority level)
 - Normal Broadcast (Normal level paging broadcast initiated)
 - Urgent Broadcast (Urgent level paging broadcast initiated)
 - End Broadcast (Broadcast end)
- Transfer States/Events (indicates a transfer between IX stations, depending on priority level)
 - Normal Transfer (Normal level transfer in process)
 - Priority Transfer (Priority level transfer in process)
 - Urgent Transfer (Urgent level transfer in process)
 - End Transfer (Active transfer terminated)
- Door Release Indication (event triggering a source and destination of door release action)
- Contact Change Events (event triggered at any change of input or output state)
- Health Check Events
 - Initialization Notice (IX station reporting boot up complete)
 - Communication Failure (IX station reporting an error condition)

States/Events			
Offline	InitializationNotice	NormalCall	EndBroadcast
Online	NormalCommunicating	PriorityCall	NormalTransfer
CommFail	PriorityCommunicating	UrgentCall	PriorityTransfer
ContactChange	UrgentCommunicating	NormalBroadcast	UrgentTransfer
DoorReleaseIndication	EndCommunication	UrgentBroadcast	EndTransfer

Map View

- The IX Series integration allows any pre-configured map within the C-Cure 9000 to display intercom icons which can reflect the real-time status of any IX station, based on the device states listed above.
- Icons can be customized by the installer on a station-by-station basis, allowing complete customization of the IX stations on the map.

Journal View

- All device events and state changes are indicated within the C-Cure 9000 Journal for real-time visibility of activity without requiring a constant map display.
- All events and state changes are logged within the C-Cure 9000 Audit Log for complete traceability of all system activity.

Setup for IX Stations with C-Cure 9000

The following must be completed before the IX Series system will communicate with C-Cure 9000 ver. 2.5, 2.6, or 2.7:

- Configure all stations properly per IX Support Tool Setting Manual included with the IX Series master station.
- Create and upload the sif.ini file to each IX station using IX Support Tool.
- Ensure the Aiphone IX C-Cure 9000 Add-on driver is installed properly and included files are correctly configured.

The setup instructions that follow are specific to creating the .ini file and loading it to the IX Series stations. Refer to the IX Support Tool Setting Manual for complete setup information on the IX stations. Refer to the documentation provided with C-Cure 9000 for complete setup information on this product.

Setup for IX Stations

For the IX Series stations to communicate with C-Cure 9000 ver. 2.5, 2.6, or 2.7, a sif.ini text file must be created and loaded to each station. The sif.ini file will tell the IX Series stations where to communicate (i.e. PC with C-Cure 9000).

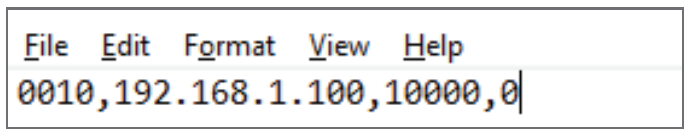
Creating SIF file

Create the file using a text editor program (i.e. Notepad) and save it with a .ini extension. This text file content will vary depending on your settings.

sif.ini file

- Program Type:** Range is between 0010 and 1111 (Binary).
- Destination Address:** IP address for the PC running C-Cure 9000.
- Destination Port:** Port number used to communicate with C-Cure 9000. The default port is 10000 .
- SSL Y/N :** 0 for non SSL transmission.

Example Text File: 0010,192.168.1.100,10000,0



Save the text file with a .ini extension (.ini must be typed manually) to a location on the PC being used for programming the IX Series stations. This file must be uploaded to each device associated with C-Cure 9000 using the instructions that follow.

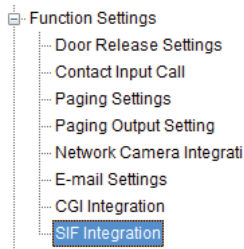
Upload the .ini file to each IX Series station to be associated with C-Cure 9000 ver 2.5, 2.6, or 2.7.

⚠ The IX Support Tool or web browser interface can be used to upload the .ini file to each station. Loading via the IX Support Tool is shown in these instructions.

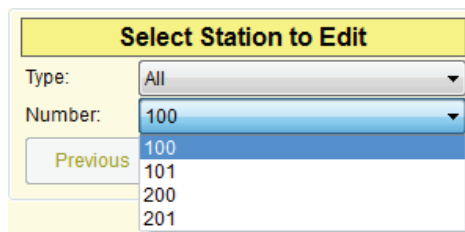
Important:

The intercom system must be fully programmed and operational prior to uploading the SIF.ini file.

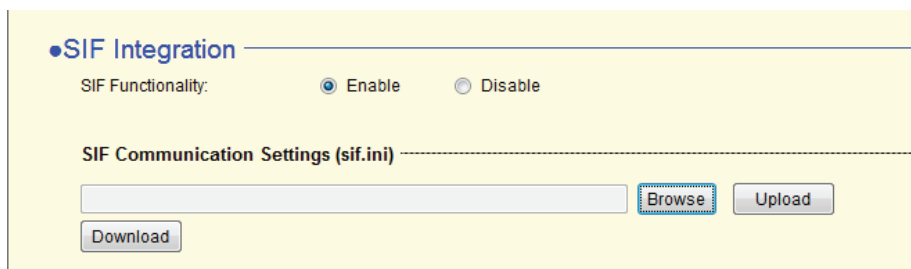
- A. Log in to the IX Series system using the IX Support Tool.
- B. Expand the **Function Settings** tree on the left and select **SIF Integration**.



- C. Choose the station to be edited from the **Number** drop down menu then click the **Select** button.



- D. Select the **Enable** radio button for SIF Integration. Click **Browse** under SIF Communication Settings to browse to where the sif.ini file is saved and click **Upload** to send to station.



- E. Click **Update** to save the changes for the station then repeat the process for each station that will be associated with C-Cure 9000 ver 2.5.
- F. After completing steps C, D, and E for each station, upload the changes. Click **File, Upload Settings to Station**. Select the stations to upload to and click **Start Upload**.