

SYSTEM REQUIREMENTS

- DoorBird IP Video Door Station D10x/D11x/D21x Series.
- RTI XP3 Advance Control Processor (server) and CX7 touch panel (client).
- RTI Integration Designer tool, RTI Dealers account.

ADDITIONAL INFORMATION

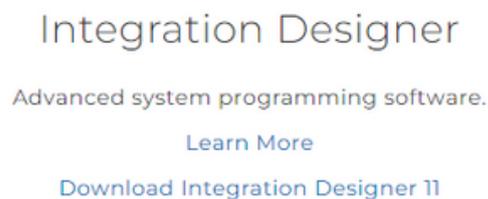
The following guide will take you through the steps of setting up a DoorBird IP Video Door Station in connection with the RTI Device. Please make sure that the RTI device receives an IP address and is connected to the same local network as your DoorBird IP Video Door Station. Please also make sure that your DoorBird is online, using this service: <https://www.doorbird.com/checkonline>

The local IP address of your DoorBird is available from the same page.

- You can call from DoorBird to RTI CX7 panel and vice-versa.
- During the call, you can trigger the relay(Open door/IR Lights on).
- You can view the essential details on the panel by programming using the Integration Designer tool.

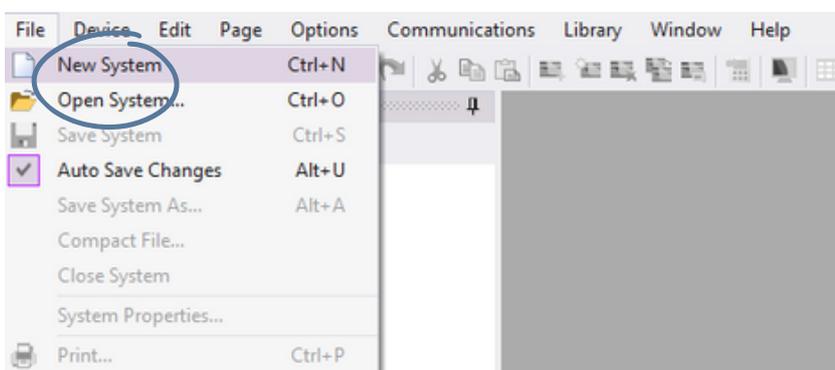
1. SETTING UP THE RTI XP3 AND CX7

1.1 Download the Integration Designer tool from the RTI website and install it on your PC.



1.2 Open the Integration Designer tool to create a new system or open with the provided sample file.

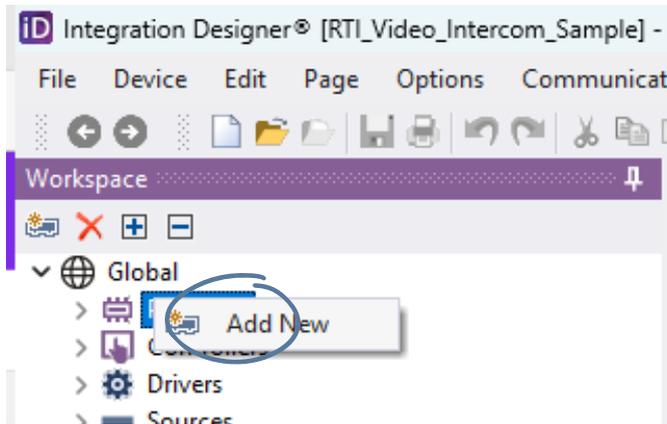
Note: Please download the Driver zip file and go through all the Files.



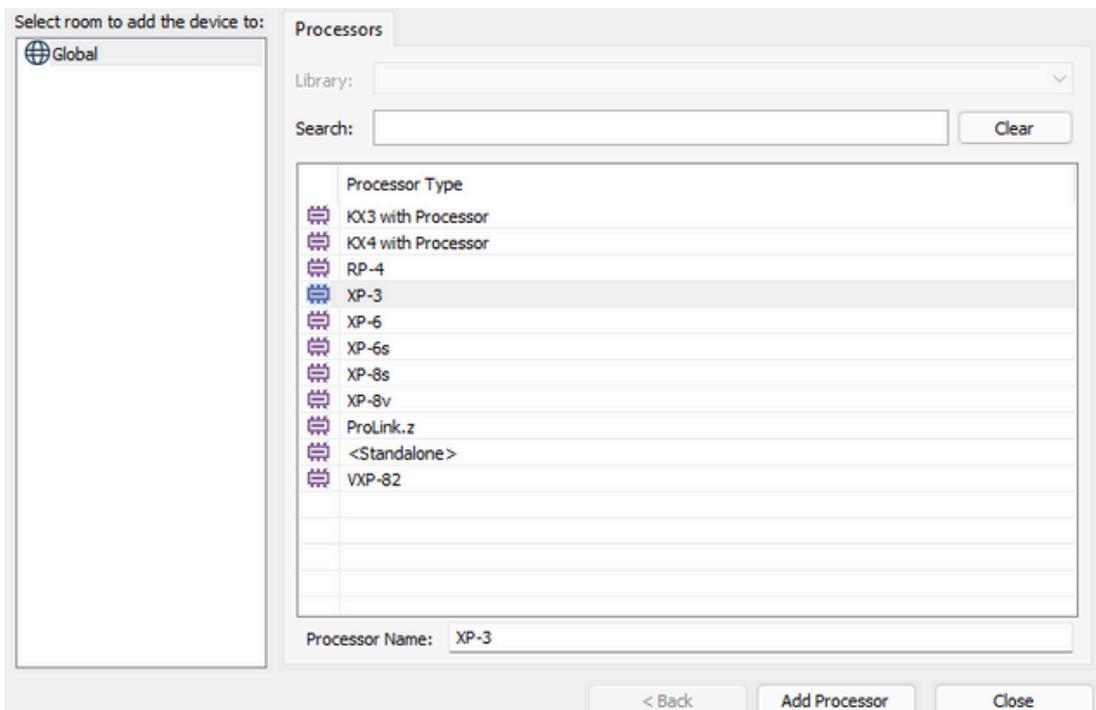
Hint: You can locate the sample file in the Driver ZIP folder. Open the sample file in the Integration Designer and edit the DoorBird details by following these steps: 1.10, 1.16, 1.22, 1.23, 1.24, and 1.25

1.3 If you are creating new system, open DoorBird RTI Image file.

1.4 Add the Processor, Controllers and Drivers under Global Section.
Right Click on Global to get the “Add New” option.

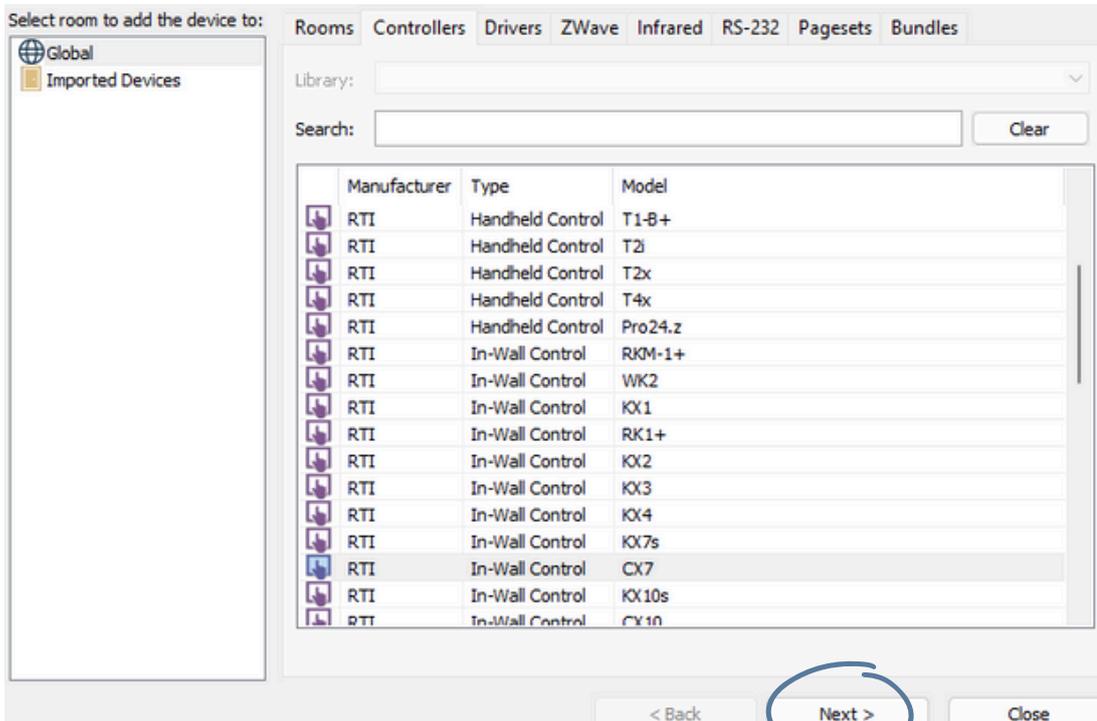


1.5 Select XP-3 ,Click on Add Processor.

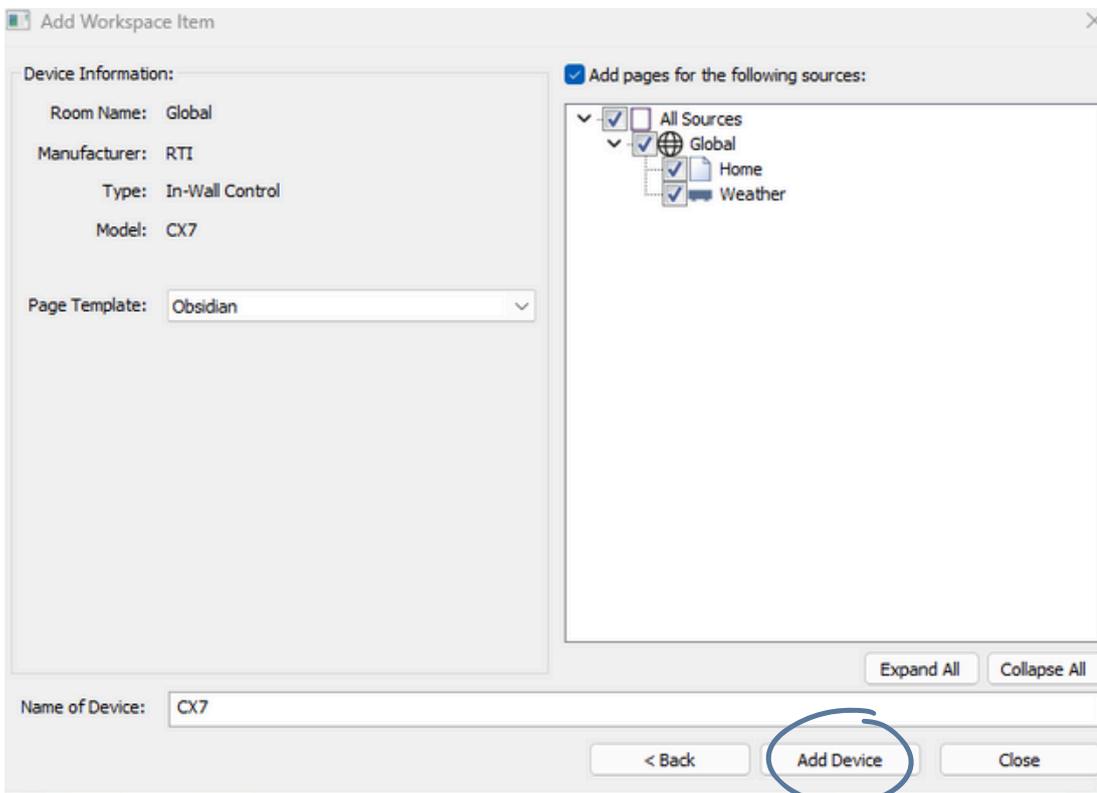


Note: Please download and go through the Integration Designer manual available on the RTI website
https://www.rticontrol.com/pub/media/wysiwyg/dealer/technote/Integration_Designer_User_Manual.pdf

1.6 Select a room of your choice and select CX7 Controllers, click on Next.

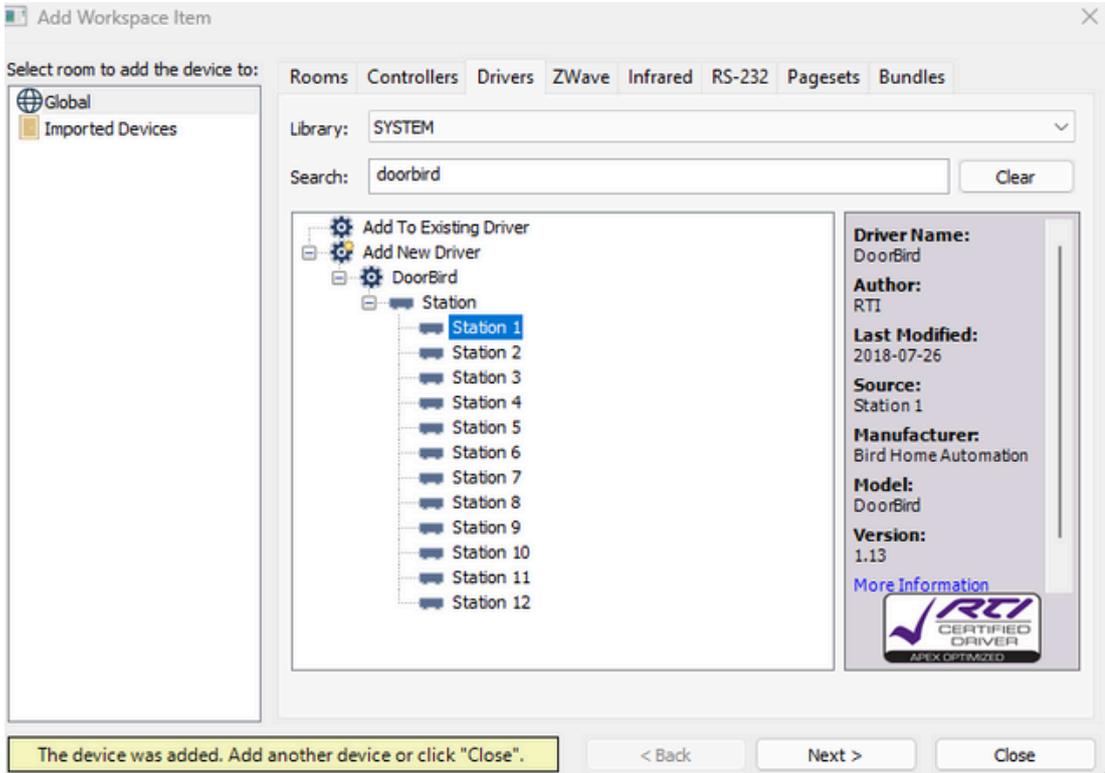


1.7 Select a path as shown below or choice of your option, please do make a note of your path. Click on Add a Device.

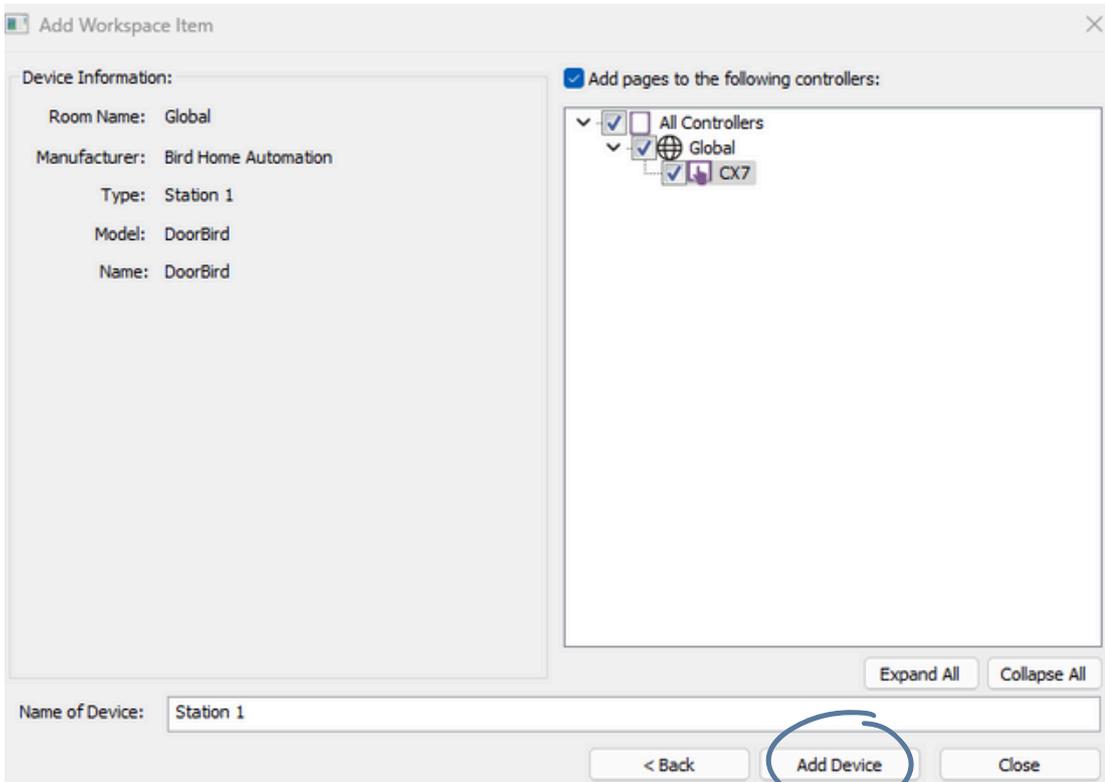


Hint: Enter a Name for Device of your choice.

1.8 Select DoorBird in the Drivers Section.

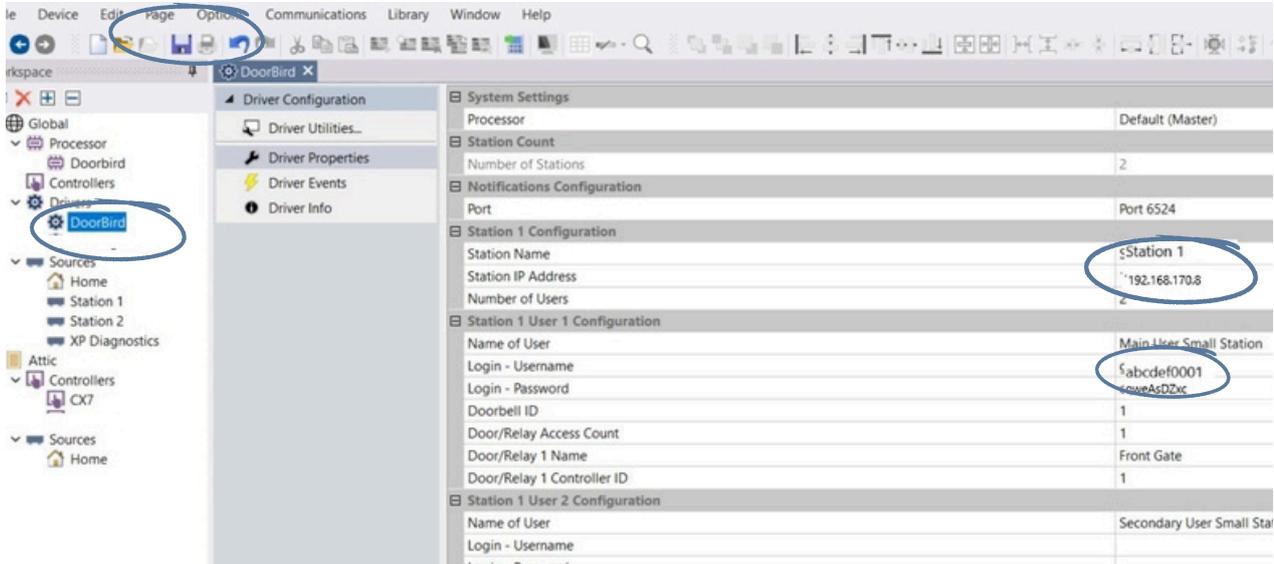


1.9 Select a path as shown below or choice of your option, please do make a note of your path. Click on "Add Device" and "Close".

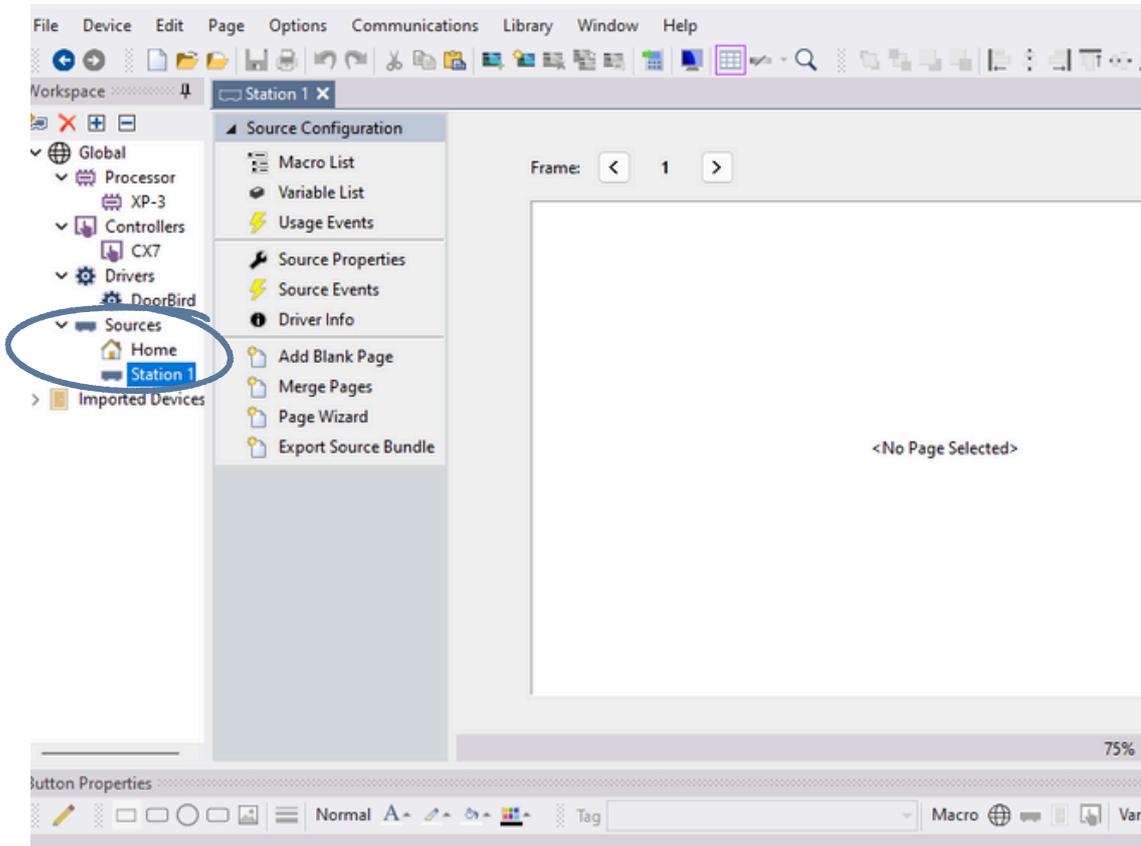


1.10 Click on “Drivers --> DoorBird --> Driver Properties”.

Enter the DoorBird IP Address, Username and Password (User0001/User0002/,...)
Save the System/Apply Auto save changes.

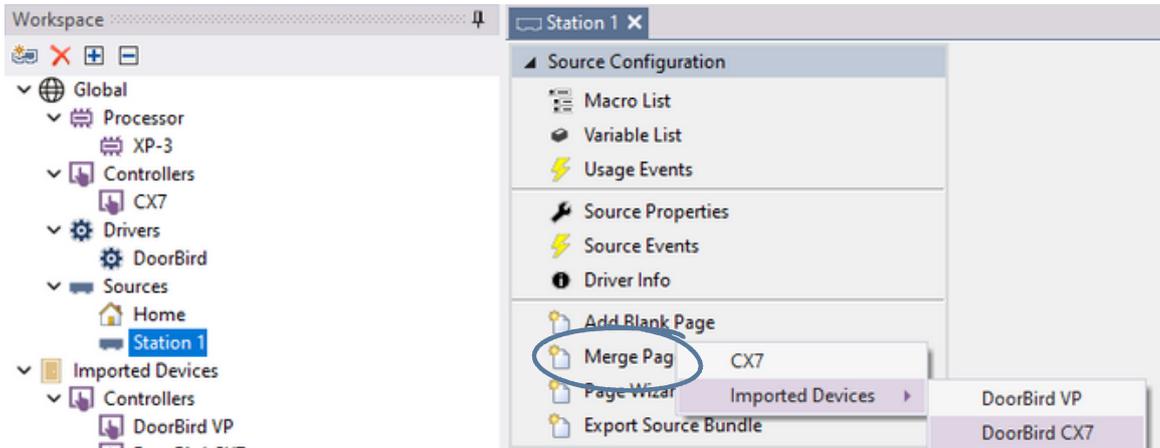


1.11 Go to “Sources --> Station 1”. An Example is shown in the following next steps will help to create the UI on the CX7 touch panel.

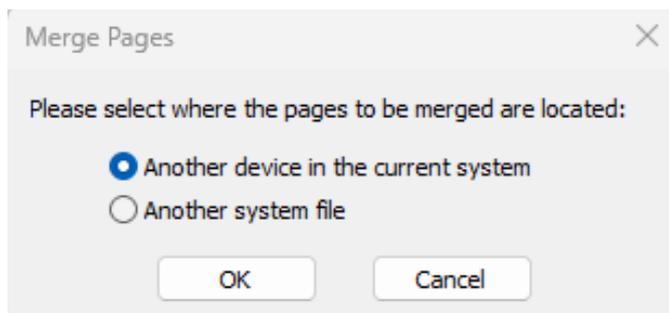


Note:
Create the UI on the CX7 touch panel using the available Page wizards and Macros according to your requirements.

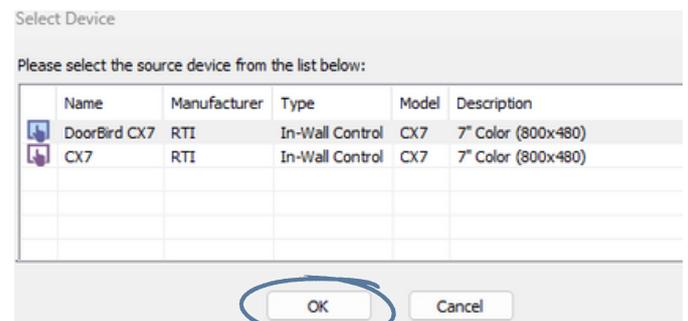
1.12 Click on “Merge pages” so that you can see the same page from imported devices in the Station 1 Section.



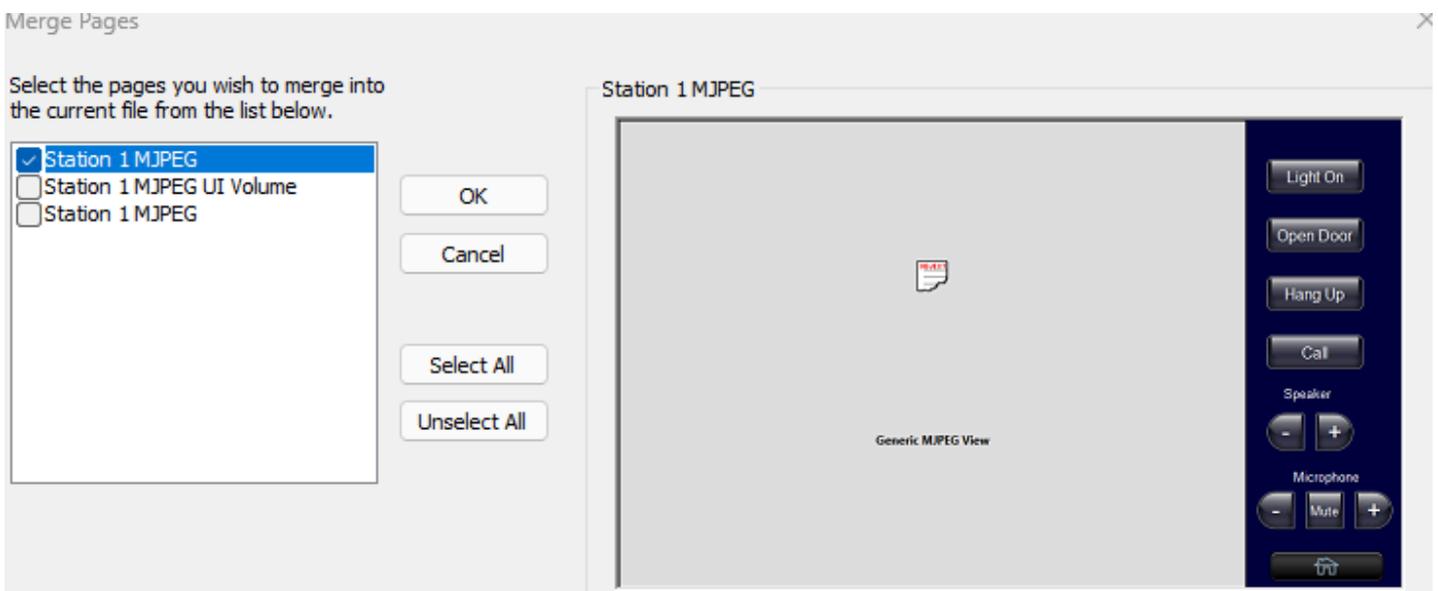
1.13 Select the option --> “Another device in the current system” and Click on “OK”.



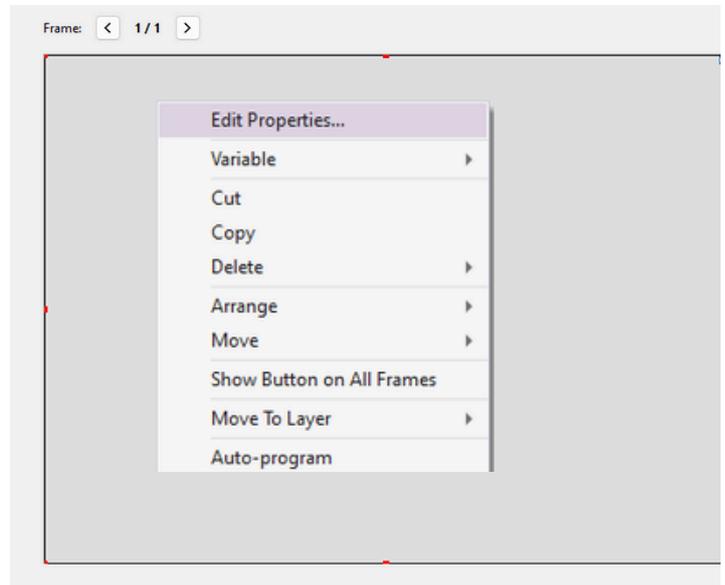
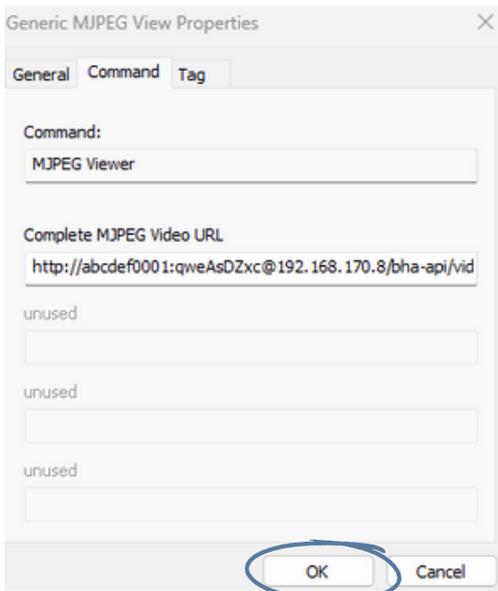
1.14 Select “DoorBird CX7” and Click on “OK”.



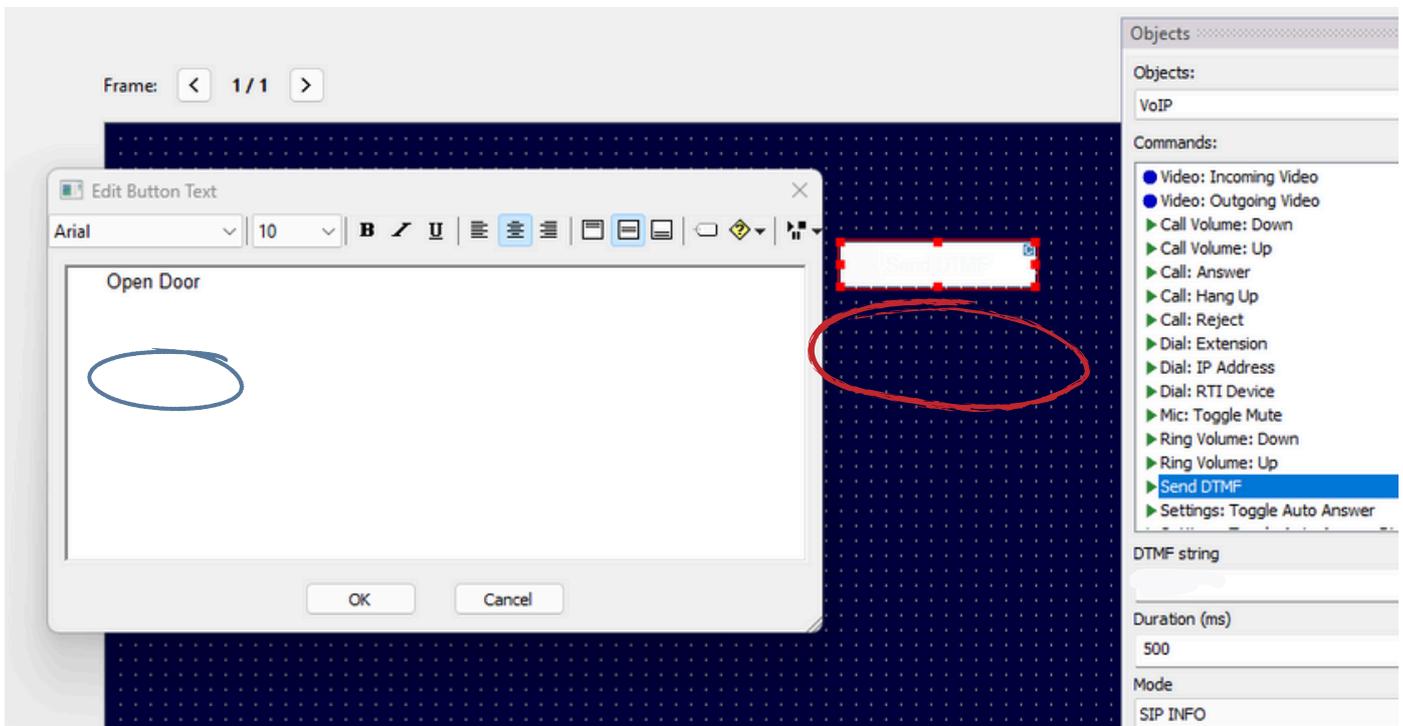
1.15 Select the page view you want to import.



1.16 Right Click on the “Generic MJPEG View” and Enter the link to view the DoorBird live stream. Click on OK.
<http://user0001:password@DoorBird-IP-Address/bha-api/video.cgi>

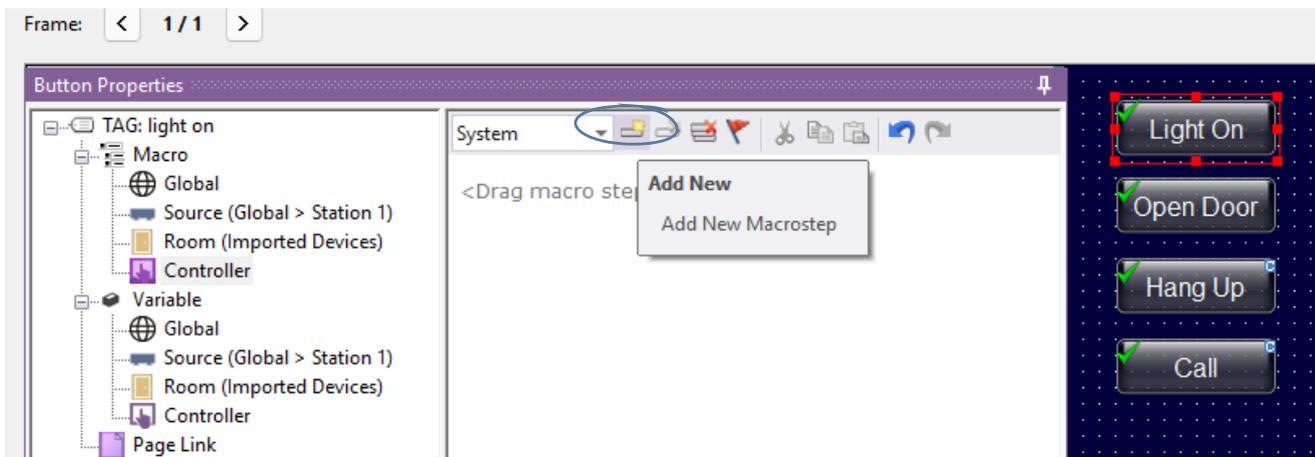


1.17 Each button can be configured according to its functionality using the Objects lists of VoIP.
 Drag and drop the **Send DTMF** to the Relay button “Open door” and “IR Light”.
 Edit the text of the White Button and you can style the button.

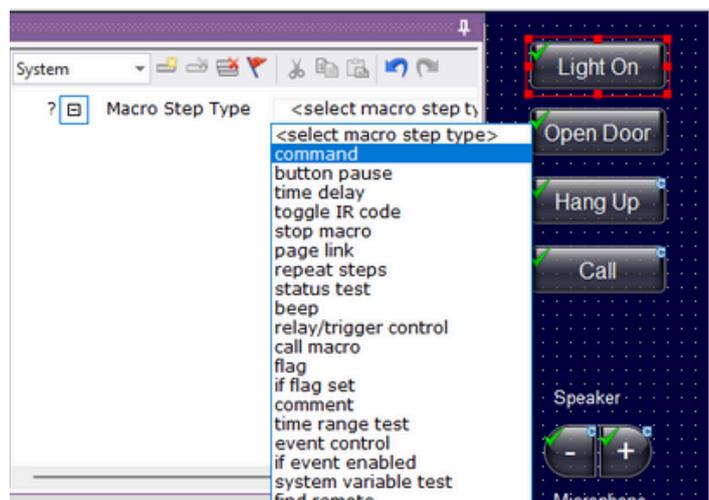
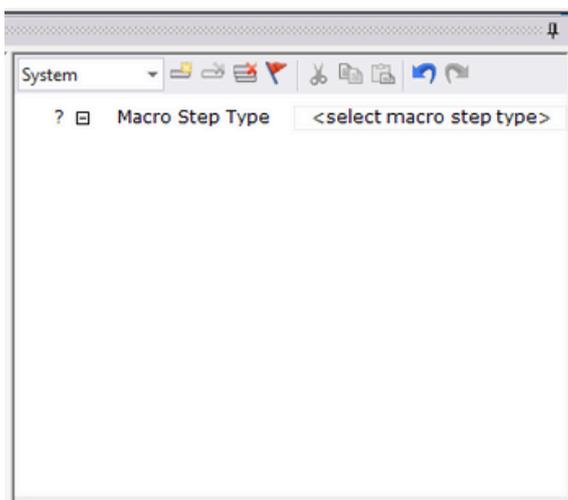


Note: To call DoorBird use the **Dial IP address** object. Enter IP address of DoorBird e.g.,192.168.170.8
 To Hang Up the call use the **Call: Hang Up** object.
 To Answer the call use the **Call: Answer** object.

1.18 Click on the button to edit --> In the Button Properties section. Each Button can be deleted or edited for Name/Command/Properties.
Right click on the Icon to add a Macro as shown below.



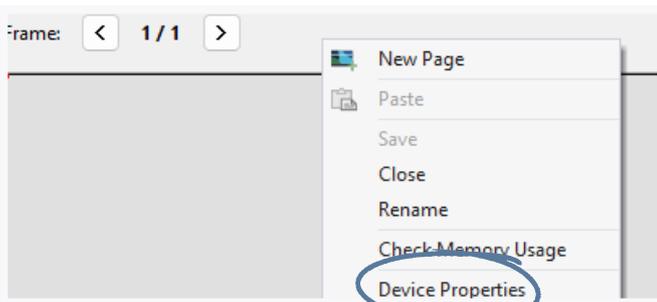
1.19 Select Macro type --> Command.



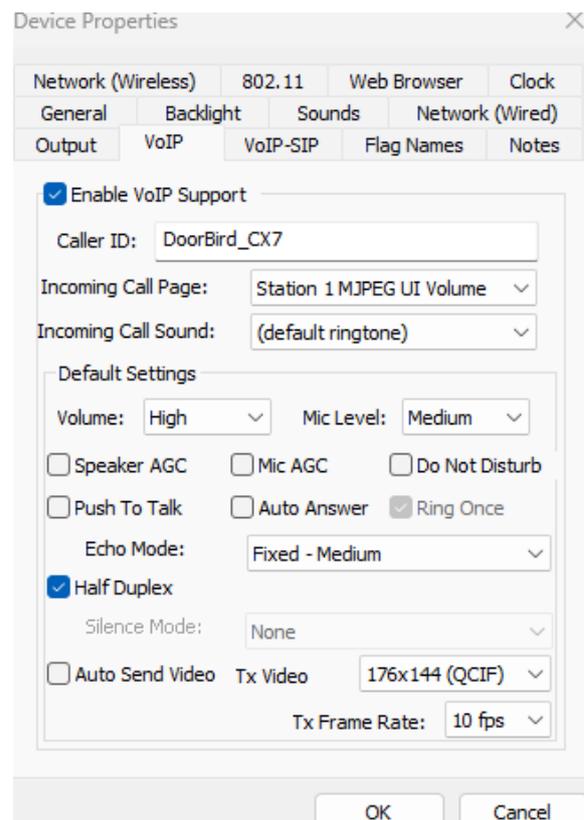
1.20 Select device --> DoorBird --> Control command and the function you want to add that particular button.



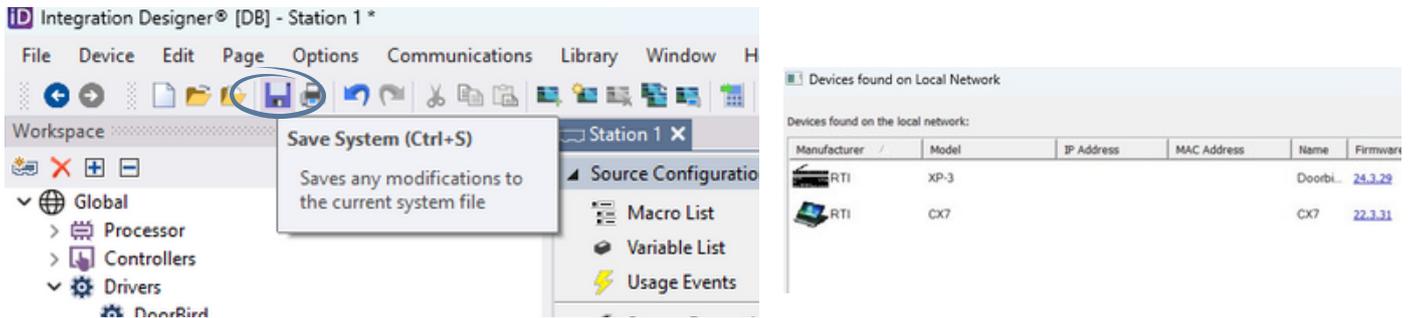
1.21 Right click on Outside the frame and Click on Device properties.



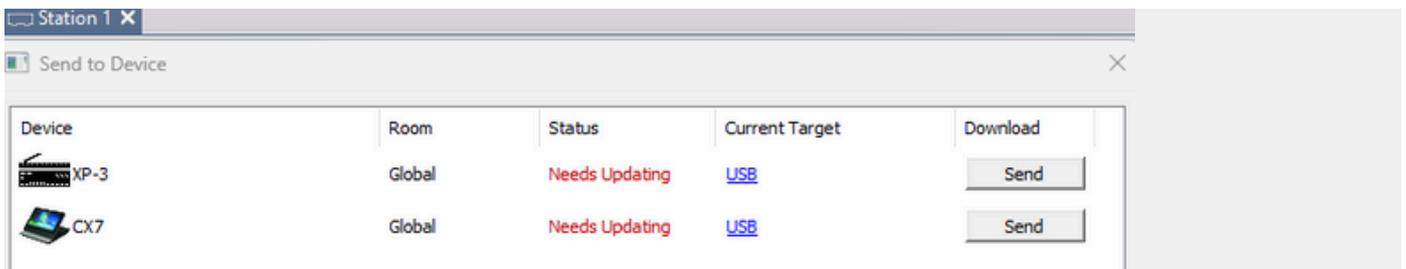
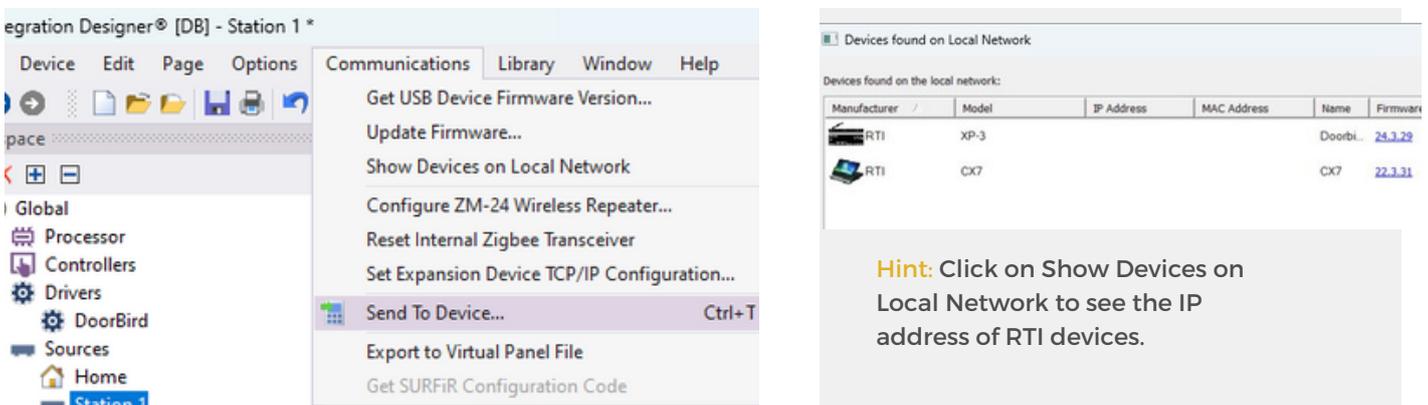
1.22 Enable VoIP and the settings as shown below.



1.23 Save the file.



1.24 Connect USB cables from the PC USB port to the RTI-CX7 device USB port and RTI-XP3 device USB port. Go to "Communications --> Send to Device".



1.25 Click on Send after successfully sending the updates, the status will change to --> Up To Date

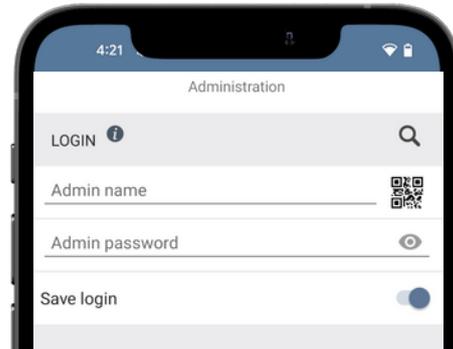


Note: Please update after any changes in the file.
You can Program over Ethernet/USB/IP Address.

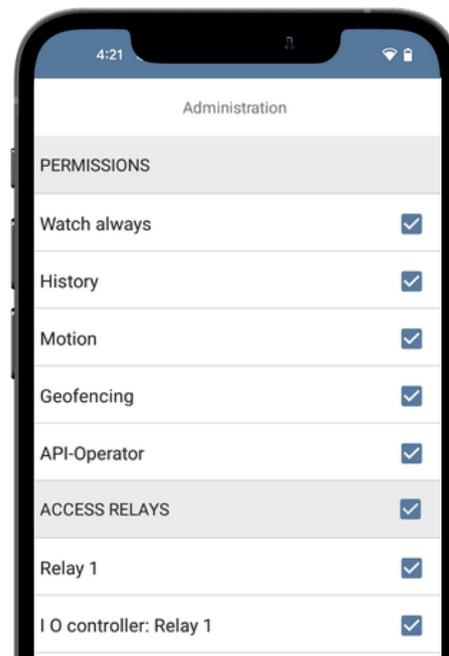
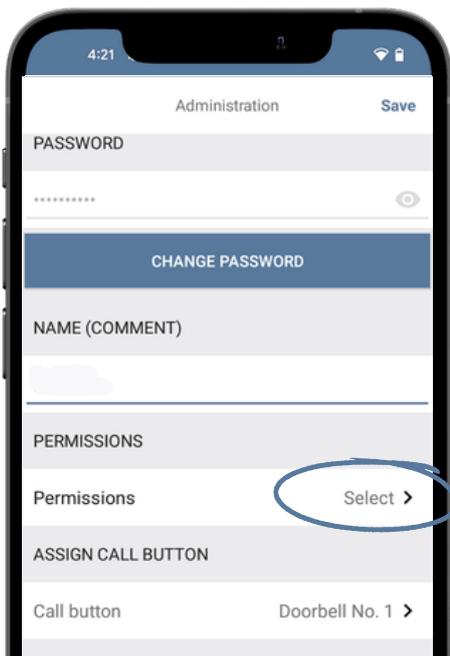
2. SETTING UP THE DOORBIRD IP VIDEO DOOR STATION

For the DoorBird IP Video Door Station to be properly able to communicate with the RTI device, the DoorBird device's SIP settings must be adjusted accordingly.

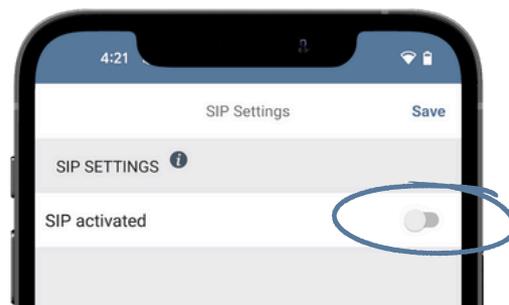
2.1 Open the DoorBird App and log into the administration area under "Settings → Administration" using the administrator Username and Password credentials from the "DIGITAL PASSPORT" document that was shipped with your DoorBird IP Video Door Station.



2.2 After login, go to USER --> Settings --> In user management enable the "Permissions" (In order see the video in the RTI Touch panel screen). Save the Changes.

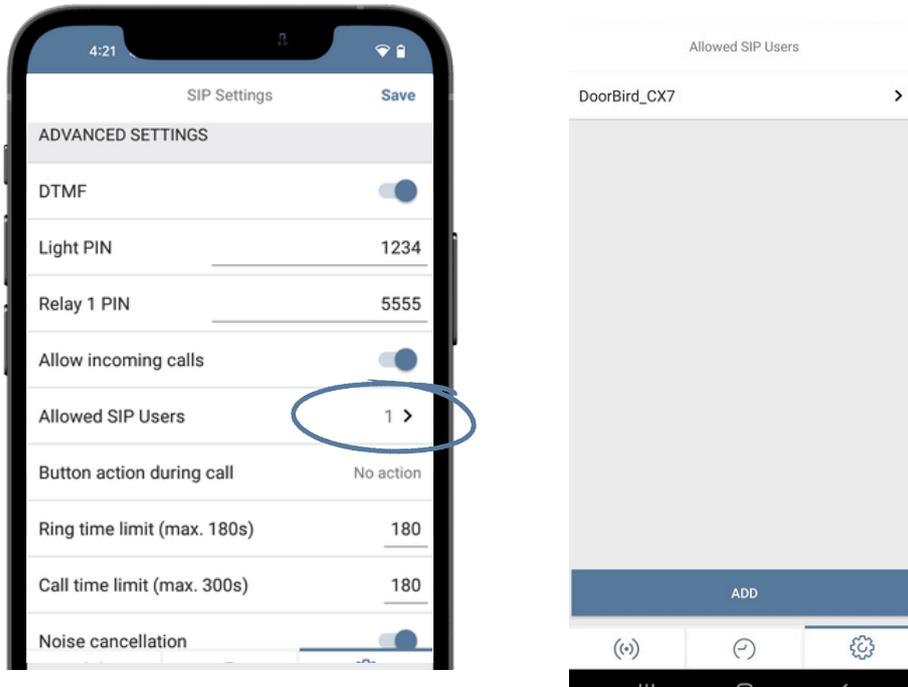


2.3 Go to SIP Settings, Enable the SIP.

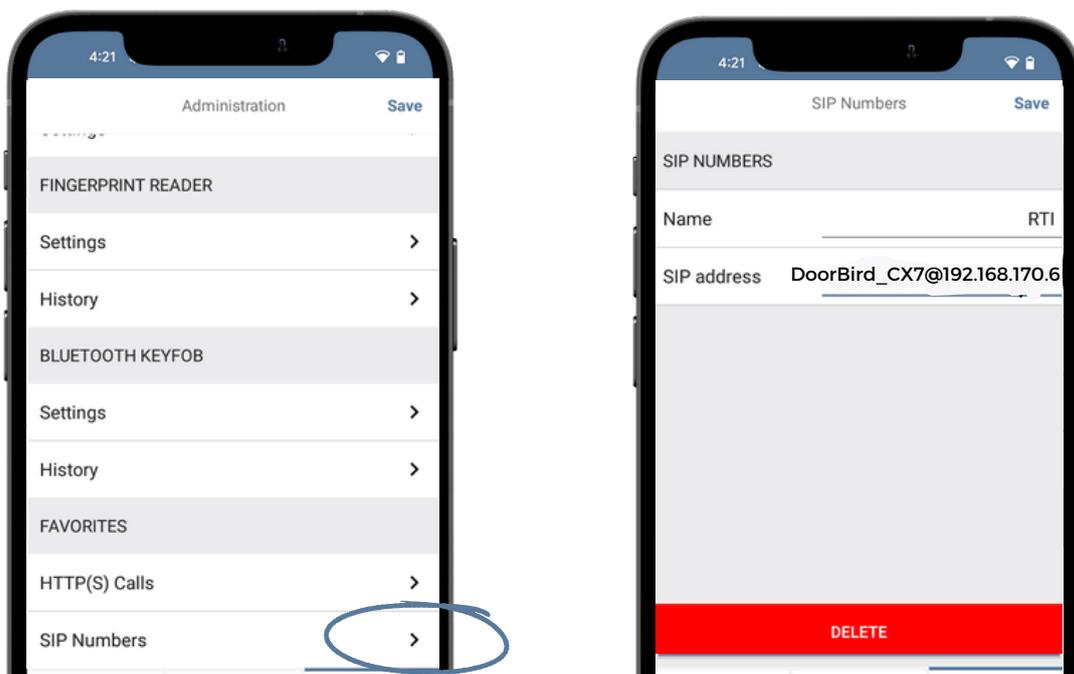


2.4 Enable “DTMF”. Enter the Relay PIN of your choice (Refer [Section: 1.17](#) Enter the same PIN in the [Send DTMF](#) code object to Open Door/Trigger Relay).

2.5 Enable “Allow Incoming calls”, Add --> DoorBird_CX7



2.6 In “Favorites --> SIP numbers --> Add SIP number” e.g.,DoorBird_CX7@192.168.170.6 (IP address of CX7 controller).Save the SIP Number.



2.7 Go back to the main administration area and schedule for actions.

3. SCHEDULE CONFIGURATION

To forward calls from the DoorBird IP Video Door Station to the RTI CX7 touch Panel, a schedule for ring events needs to be set up.

Depending on the model of the DoorBird IP Video Door Station, choose one of the following options:

A) For all devices with a single call button (e.g. D1101V, D2101V, D2101KV, etc.), find the corresponding settings in the DoorBird App administration menu EXPERT SETTINGS when selecting "Schedule for doorbell".

In this screen, tap the bell symbol in the upper-left corner, select "SIP call" and fill out the schedule as per your requirements for this event.

B) For all devices with a multiple call buttons (e.g. D2102V, D2103V, D2112V, etc.), find the corresponding settings in the DoorBird App administration menu BUTTON CONFIGURATION when selecting "Settings".

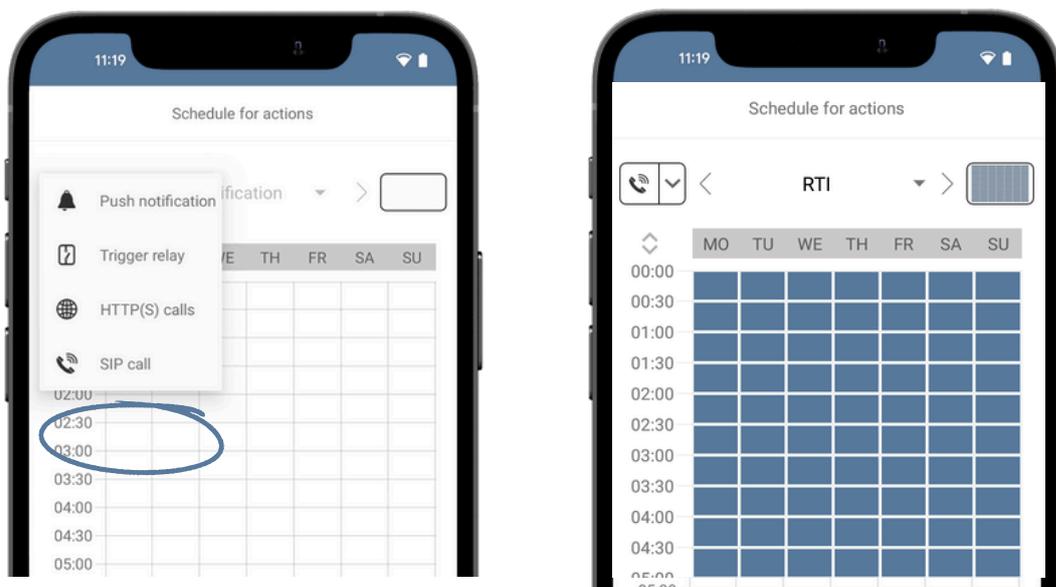
Select the call button the event needs to get assigned to and go to "Schedule for actions".

In this screen, tap the bell symbol in the upper-left corner, select "SIP call" and fill out the schedule per your requirements for this event.

C) For all devices outfitted with a digital display (e.g. D21DKV), find the corresponding settings in the DoorBird App administration menu KEYPAD when selecting "Settings".

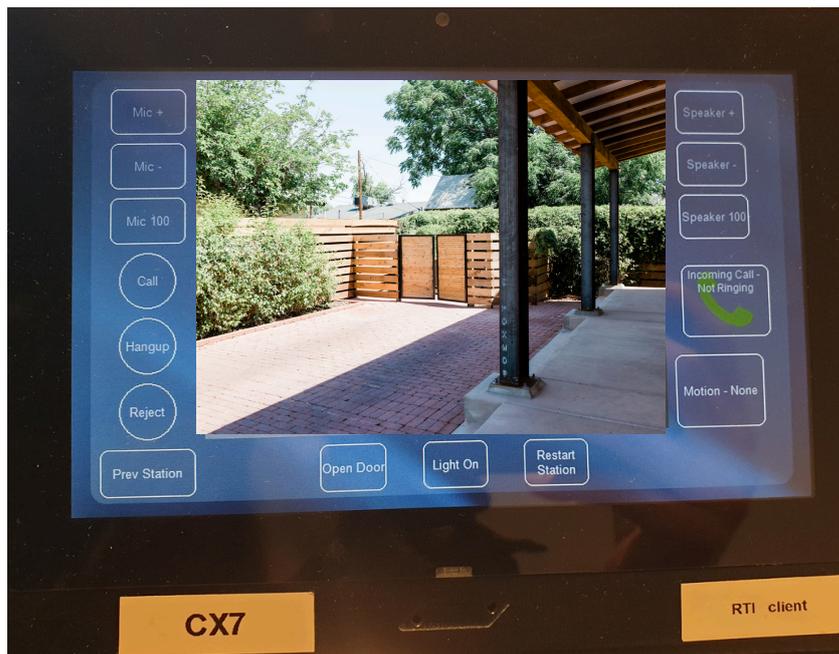
Select the keypad combination the event needs to get assigned and go to "Schedule for actions".

In this screen, tap the bell symbol in the upper-left corner, select "SIP call" and fill out the schedule per your requirements for this event.



Hint: By tapping the button in the upper right corner it is possible to fill or empty the entire schedule.

Return to the main administration area and save the settings.



Note: If you have any questions or problems with the products "RTI" , please contact the manufacturer directly online: <https://www.rticontrol.com/>

Note: For questions and problems regarding our devices (DoorBird IP Video Door Station or DoorBird IP Upgrade), please contact our technical support via the contact form online: <https://www.doorbird.com/de/contact>

FIRMWARE INFORMATION

This manual was tested using the following versions:

1. RTI

Model: CX7 Advanced Tabletop Controller (Client)
Firmware Version: 22.3.31

Model: XP3 Advanced Control Processor(Server)
Firmware Version: 24.3.29

2. Integration Designer Tool
Version: 11.10.2

3. Door Bird IP Video Door Station:
Hardware device series: D21DKH-V2A
Software Version: 000146

Hardware device series: D1102FV
Software Version: 000148

Hardware device series: D101S
Software Version: 000146