

2018

SmartPSS + VTO&VTH Setup Guide



Dahua USA

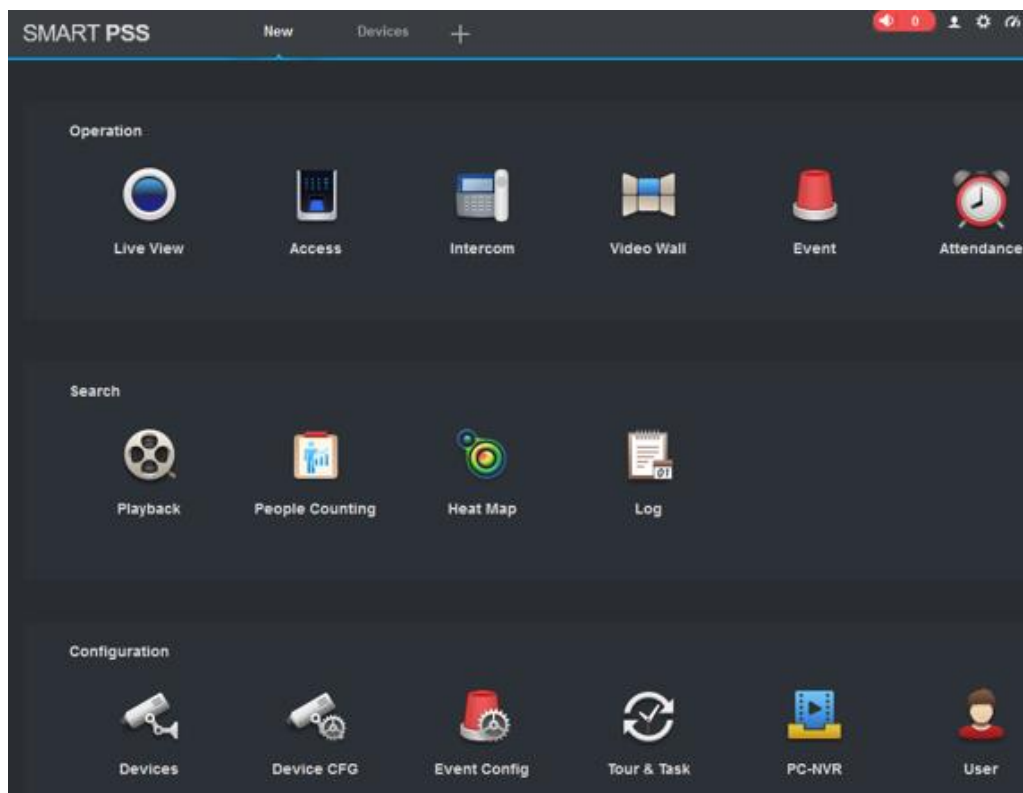
Edwin. A

2/6/2018

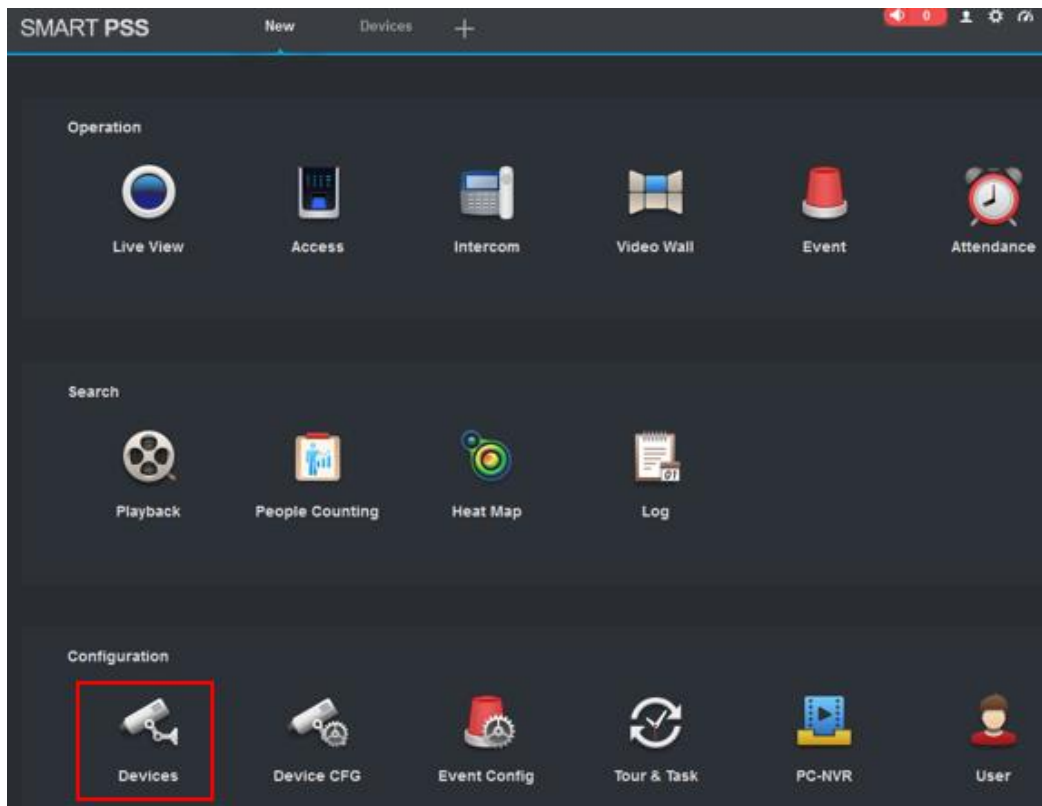
SmartPSS + VTO&VTH Setup

This guide will show you how to setup a VTO&VTH to SmartPSS version 2.02

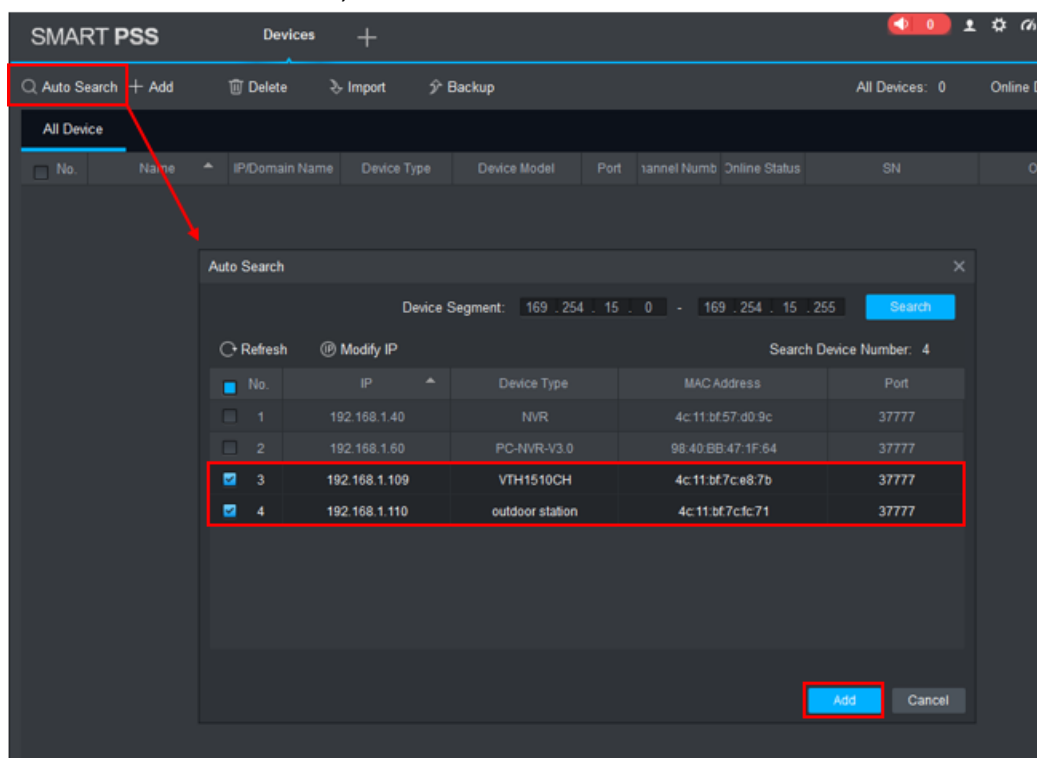
Once a VTO and a VTH have been wired and setup start by launching the SmartPSS software. You'll get to this section once the software is up and running.



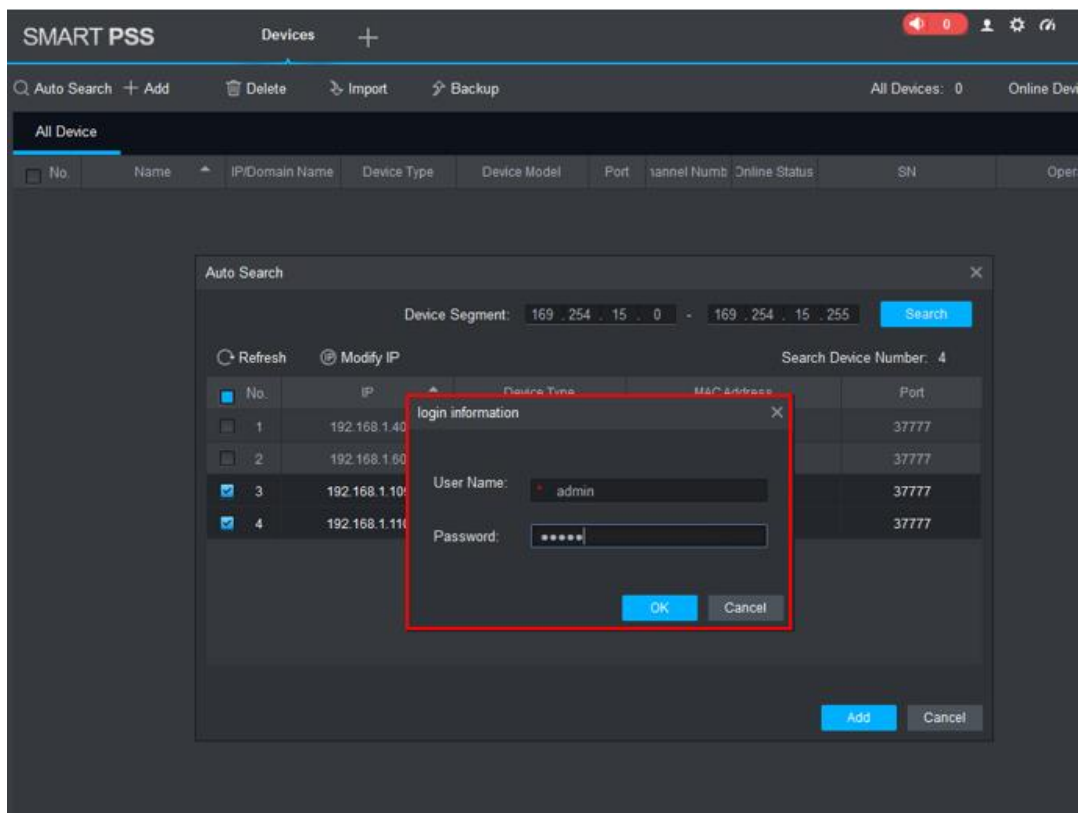
At this screen under Configuration select the Devices icon.



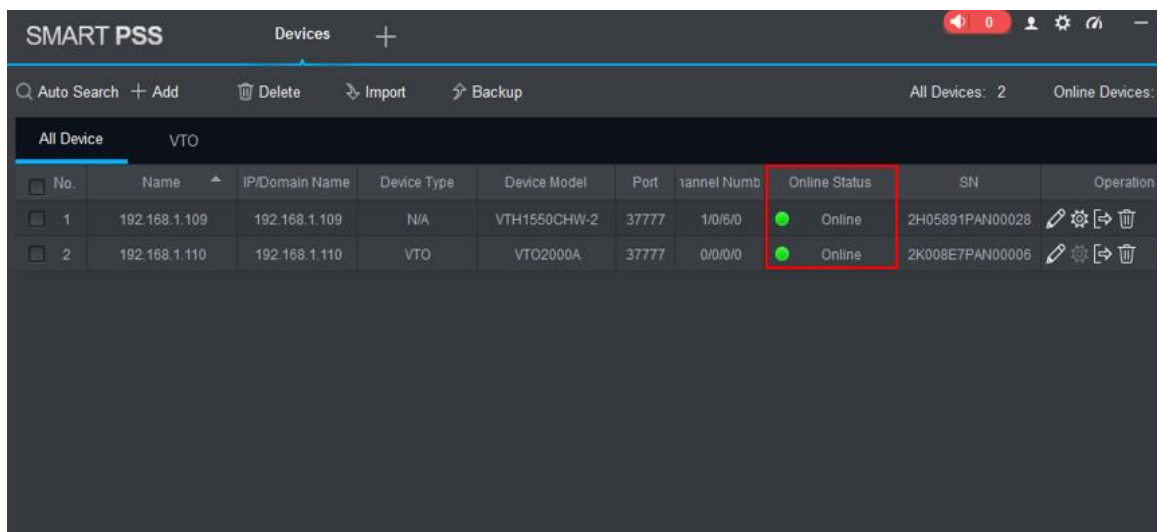
Once under Devices select Auto search and the results will pop-up. Within the results find and select the VTO and VTH, select the devices and click on ADD.



Once ADD has been selected a Login windows will come up, it's asking for the log in info on the VTO&VTH by default both are admin,admin then click OK.

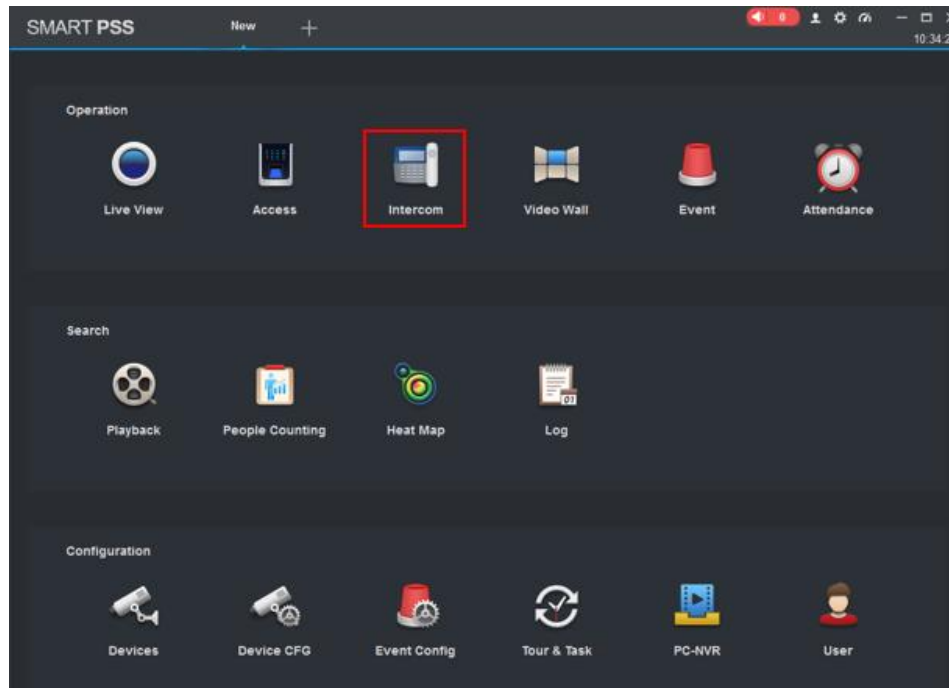


You should see a green light under online status, which means the SmartPSS and VTO-VTH are online and ready for use.

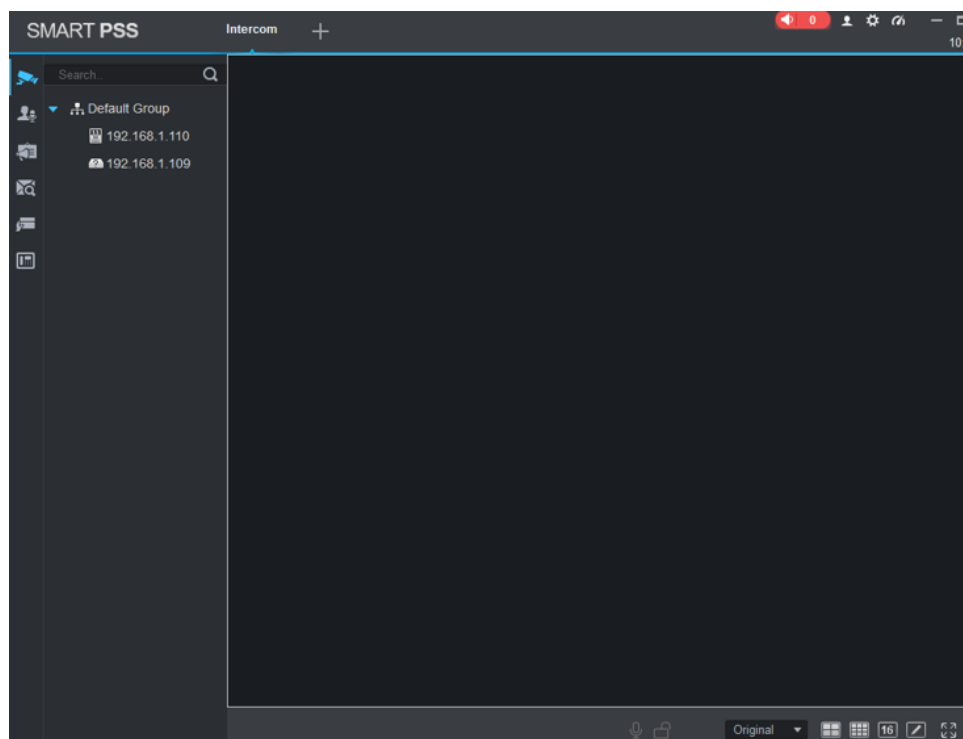


Configuring SmartPSS and VTO+VTH

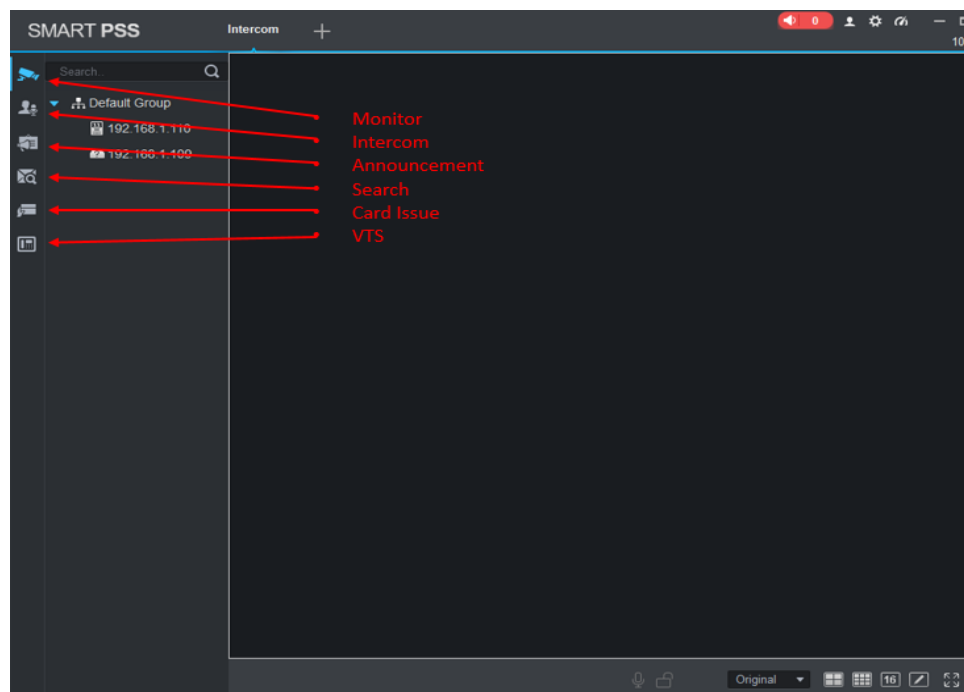
At this point a VTO+VTH should have been added to the SmartPSS, under Operations select the Intercom Icon.



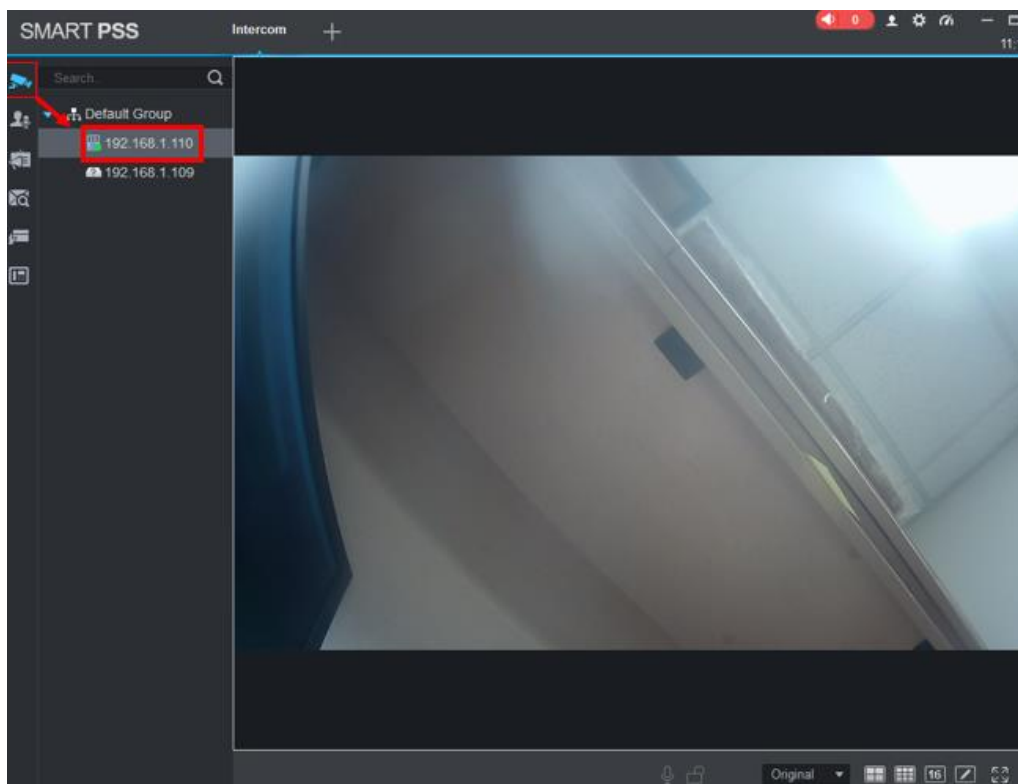
Once the intercom Icon is selected you'll get to this screen.



On the right side you'll see all the portion of the SmartPSS.



Next will be going over all the options and what they do. The first one is the Monitor, depending how many VTO and IP cameras the SmartPSS has installed you'll be able to bring up the live view of the devices. From the Default Group List select the VTO to bring up the live view.



Now let's move on to the Intercom option, this option allows for the MGT (Management Center) to call a VTH. The following will show how to set that up.

- Log into the VTO web interface and go to LAN CONFIG and enable (register to the MGT center) and also add the IP address of the system that has the SmartPSS installed. Click on the Ok button to save the setting.

System Config

- > Local Config
- > **LAN Config**
- > Indoor Manager
- > Network Config
- > Video Set
- > User Manager
- > IPC Information
- > UPnP Config
- > Info Search
- > Status Statistics
- > Logout

LAN Config

Building No.

Building Unit No.

VTO No.

Max Extension Index ☒ Group Call

MGT Centre IP Address ☒ Register to the MGT Centre

MGT Port No.

Call VTS Time : To : ☐ Call VTS Or Not

NoAnswer Transfer MGT ☒ Enable ☐ Disable

Centre

Warning: The device needs reboot after modifying the config above.
If extensionCount changed, need reboot VTH and init VTH information again!

☒ Save Succeeded!

- Go to Door Manager and enter a new user. No need to enter an IP address, the VTO&VTH will sync automatically. Once all this is filled in reboot the VTO.

System Config

- > Local Config
- > LAN Config
- > **Indoor Manager**
- > Network Config
- > Video Set
- > User Manager
- > IPC Information
- > UPnP Config
- > Info Search
- > Status Statistics
- > Logout

Digital Indoor Station Manager

FamilyName	FirstName	Nick Name	Room No.	IP Address
	ed	ed	9901	192.168.1.109

Add

FamilyName

FirstName

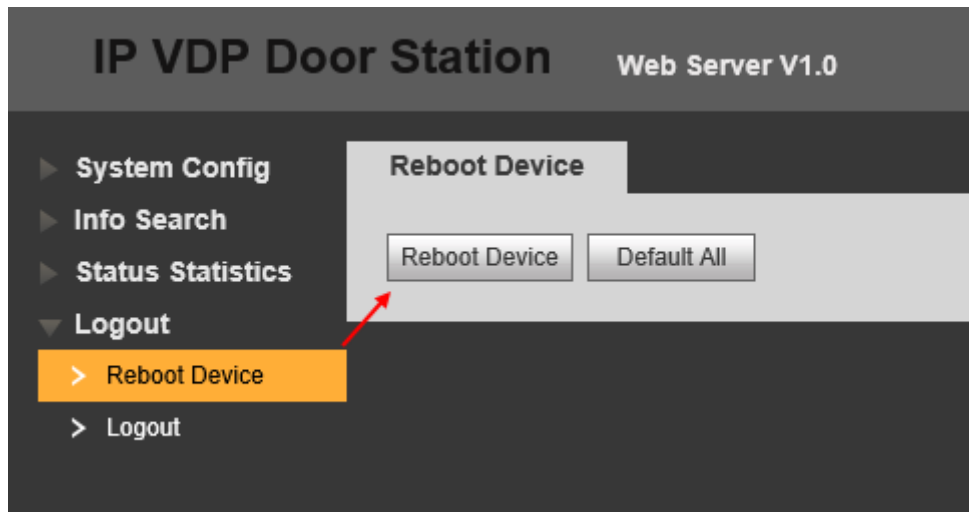
Nick Name

VTH Short No.

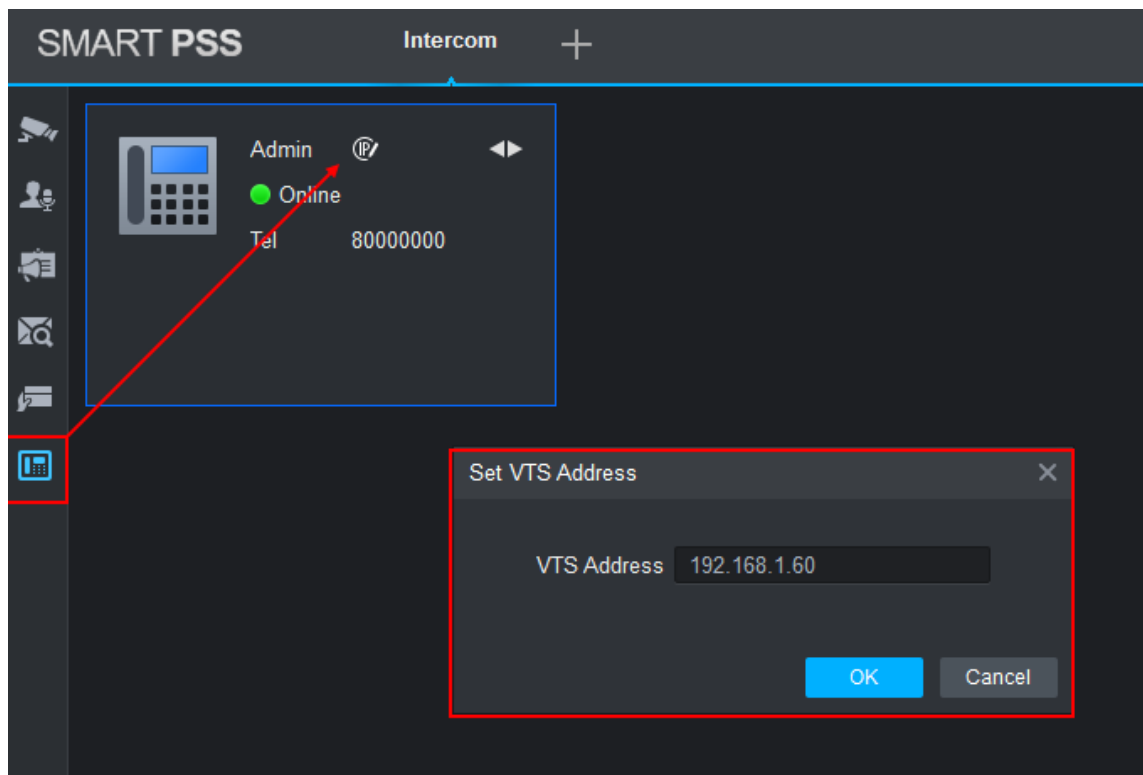
IP Address

Warning: The existent vth will be deleted when a new vth added since the device is villa station.

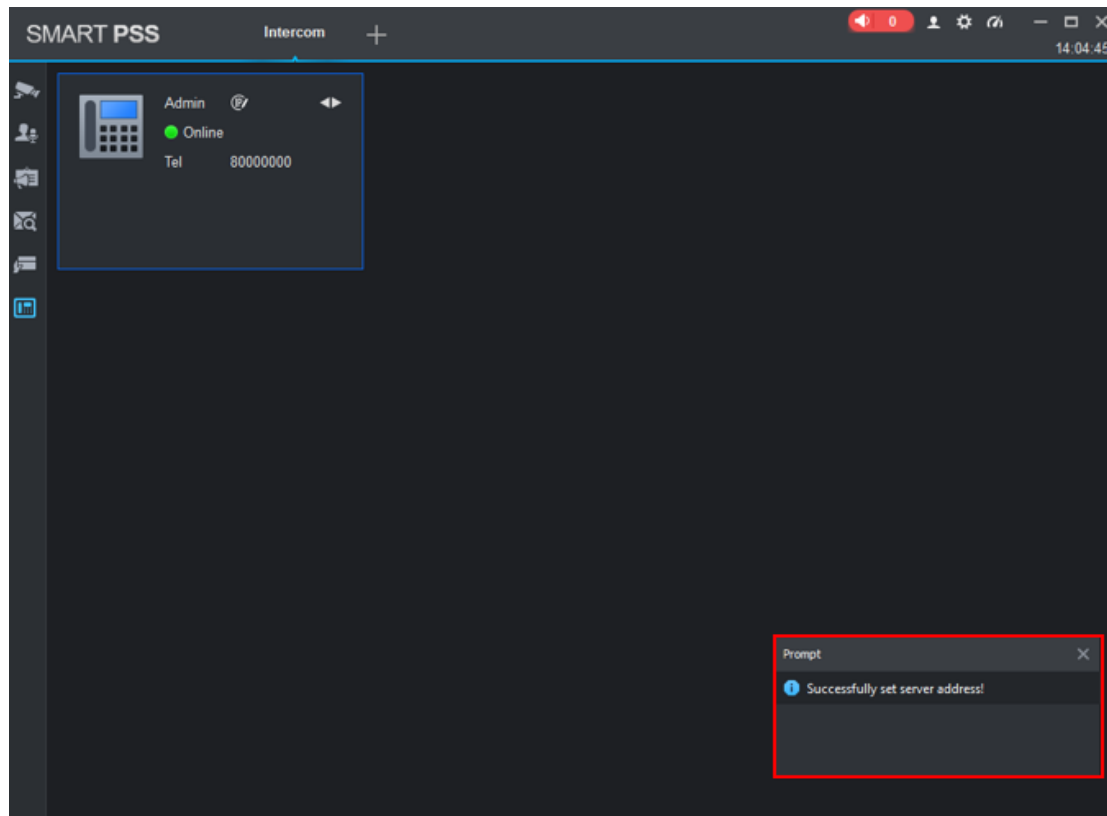
- To reboot the VTO got to Logout select Reboot Device then click on the Reboot button.



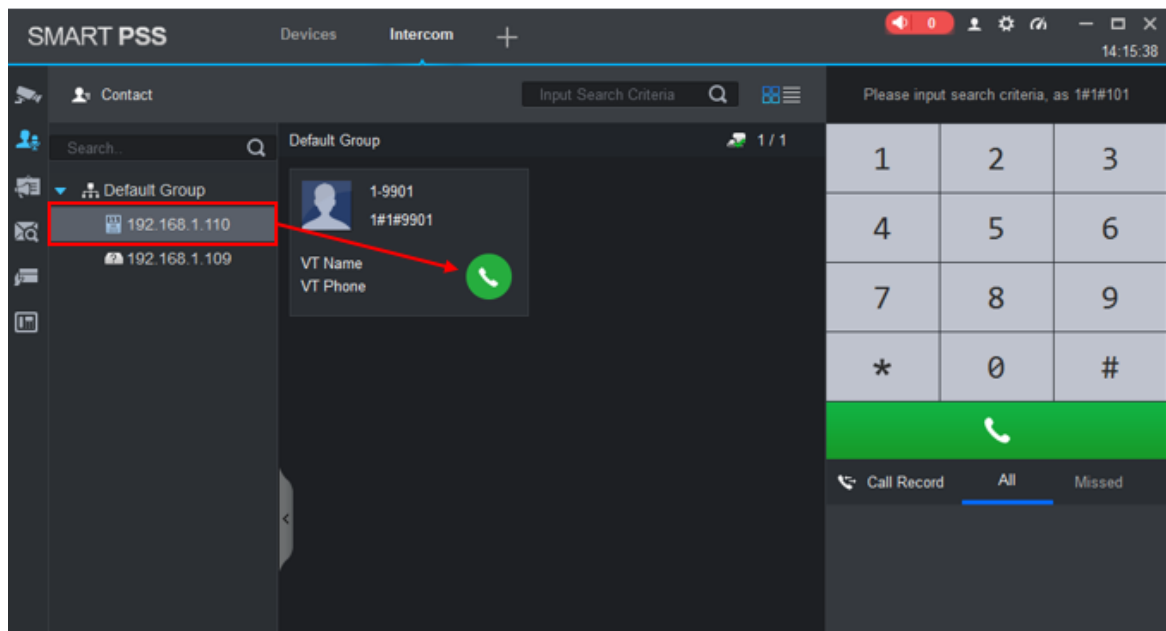
- From the SmartPSS go to VTS and click on the small IP icon a window will pop-up asking to enter the IP. Make sure to enter the IP address of the system that the SmartPSS is installed on.



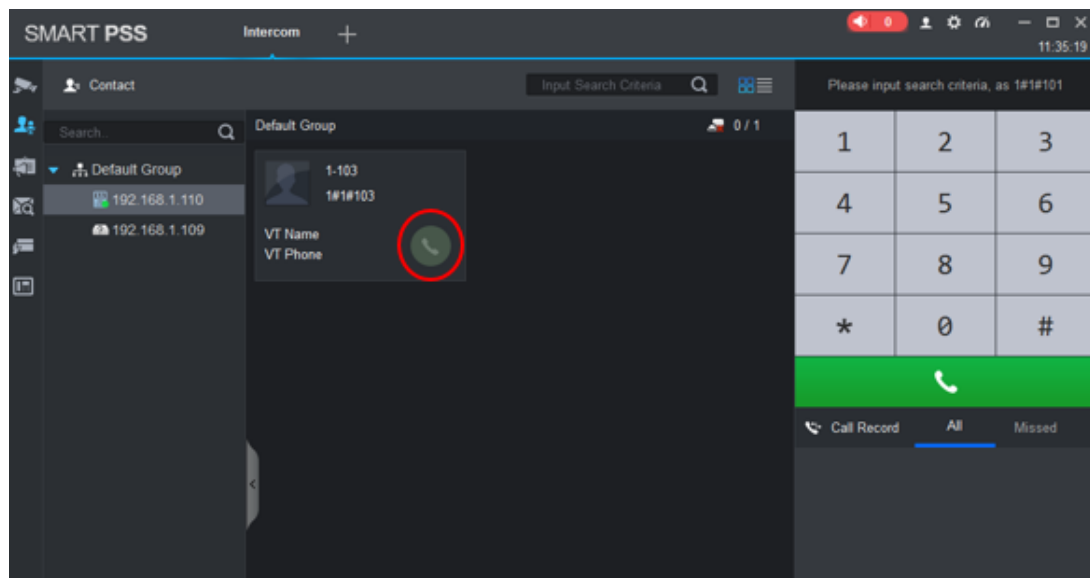
- After adding in the IP address click the ok button and you'll see "Successfully set sever address" pop-up.



- From here go back to the Intercom option and select a VTO and you'll see the call back option available.

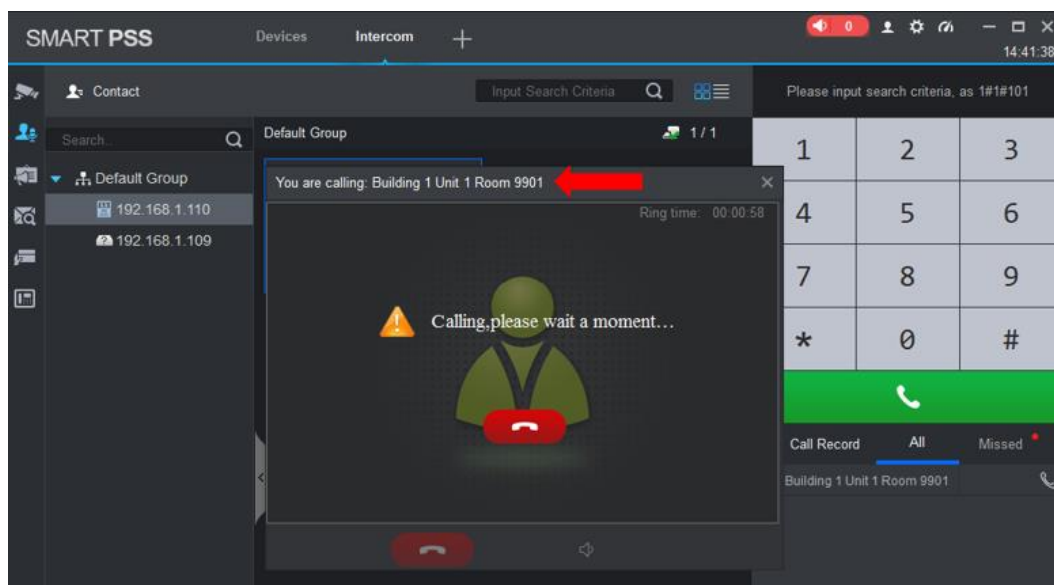


- If the call back option is grayed out, please check all of your configurations settings.



Now the next thing would be testing out is the call back feature, from the SmartPSS there are two ways to use the call back feature.

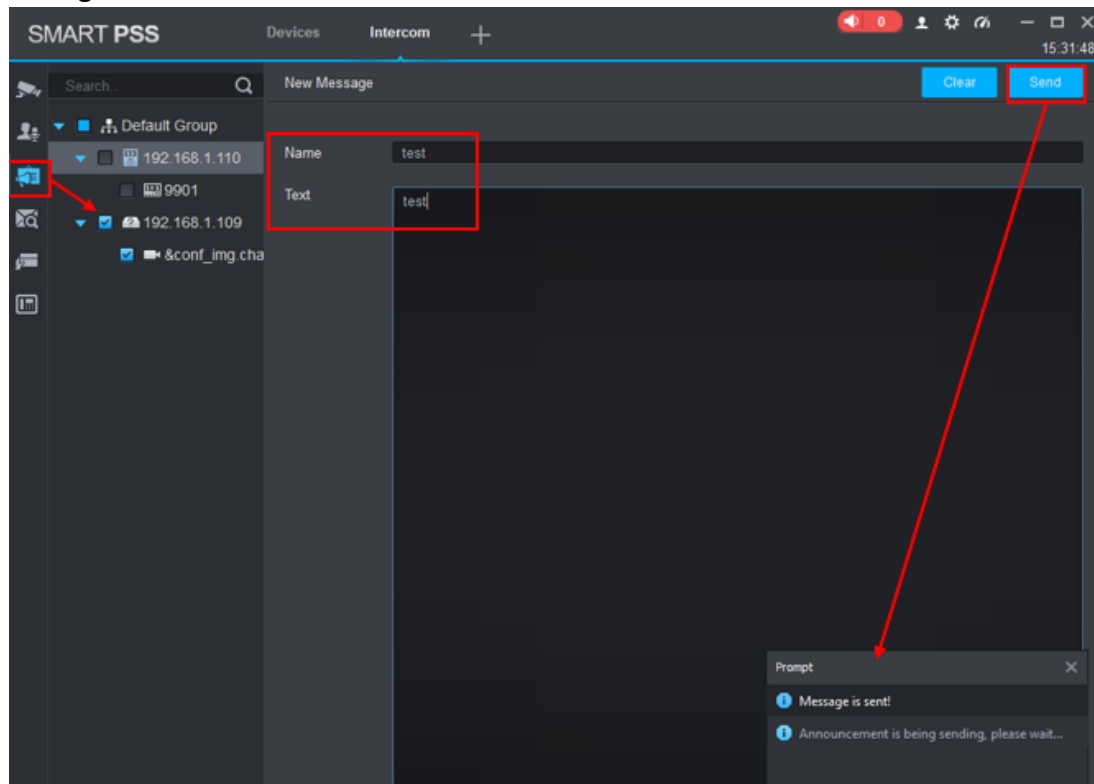
- One way would be click on the green phone button and it will call the room number listed.
- Second is to use the number pad; to dial a room number you have to follow this sequence.
 - 1#1#9901Explanation of the sequence above
1=Building number
1=Building unit number
9901=Room number



Announcement

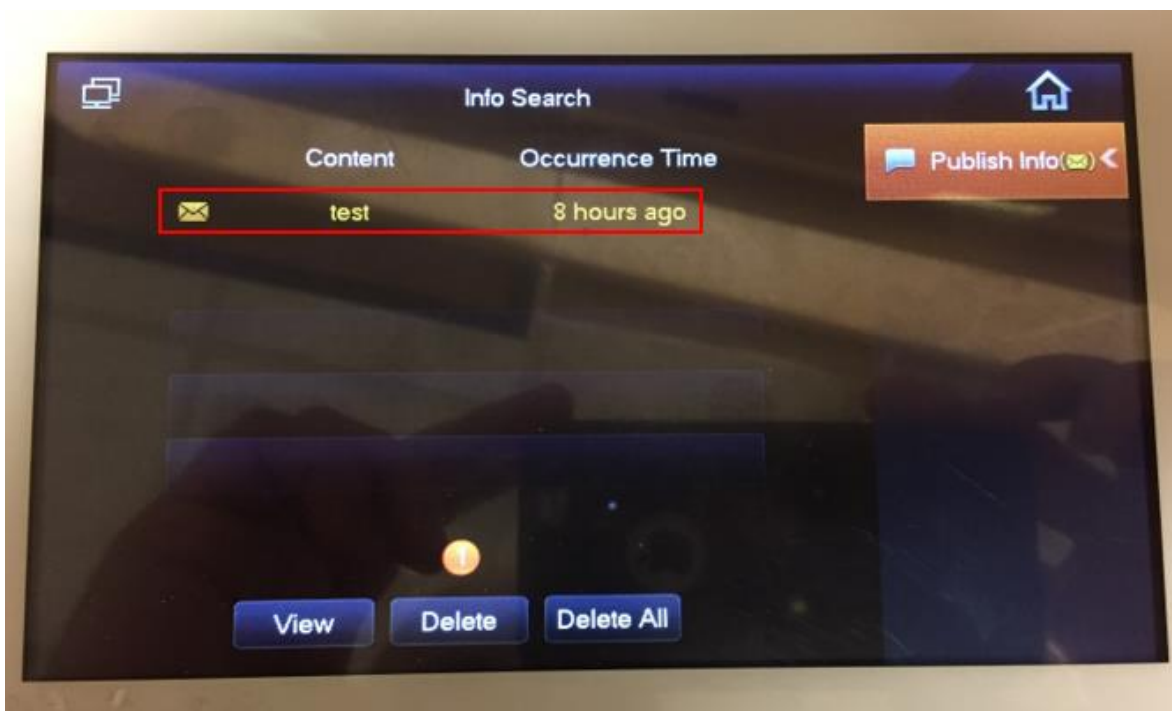
The Announcement feature is for sending messages to a VTH from the Management Center.

- To send a message go to the Announcement option, select the VTH you want to send a message to, type the message and click on Send.



- Once the message is sent you'll be able to read it from the VTH.

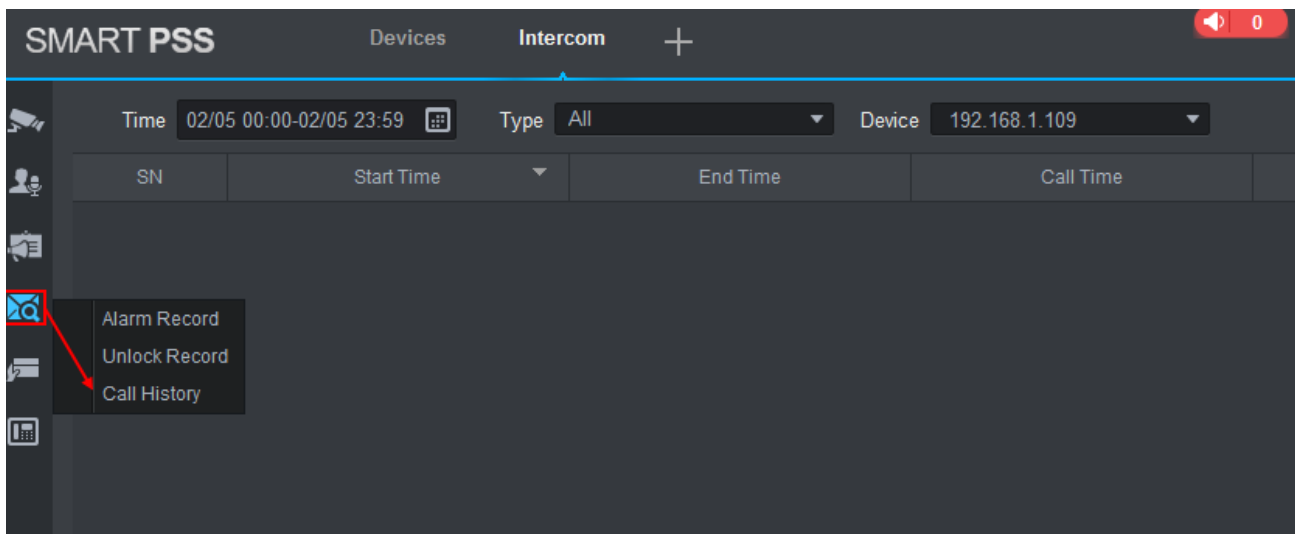




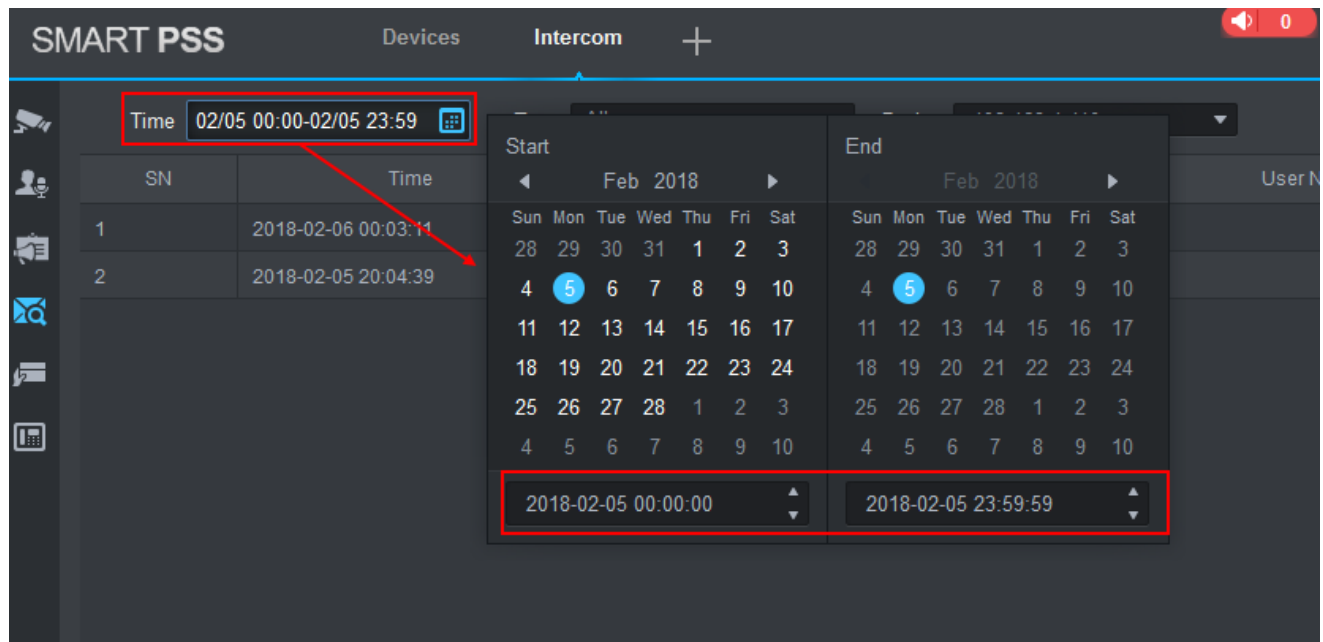
Event options

Under the Event options you can search for three different types of events

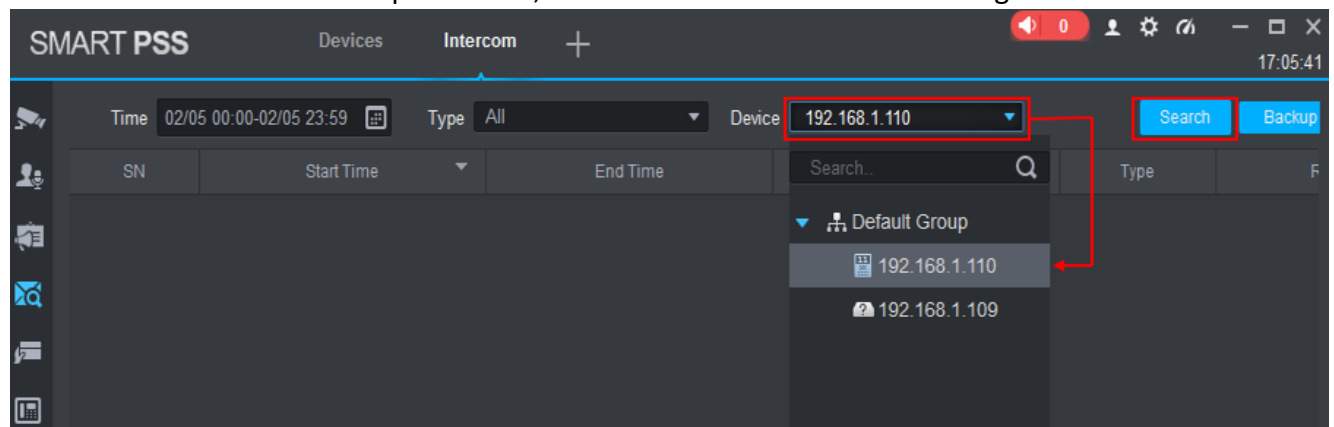
- Alarm Records
 - Unlock Records
 - Call History
- Shown below is how to search for an event, select the event icon then the even you want to search. For example, Call History.



- Select the time and dates of the event



- Select the device from the drop down list, then click on the search button to get the results.



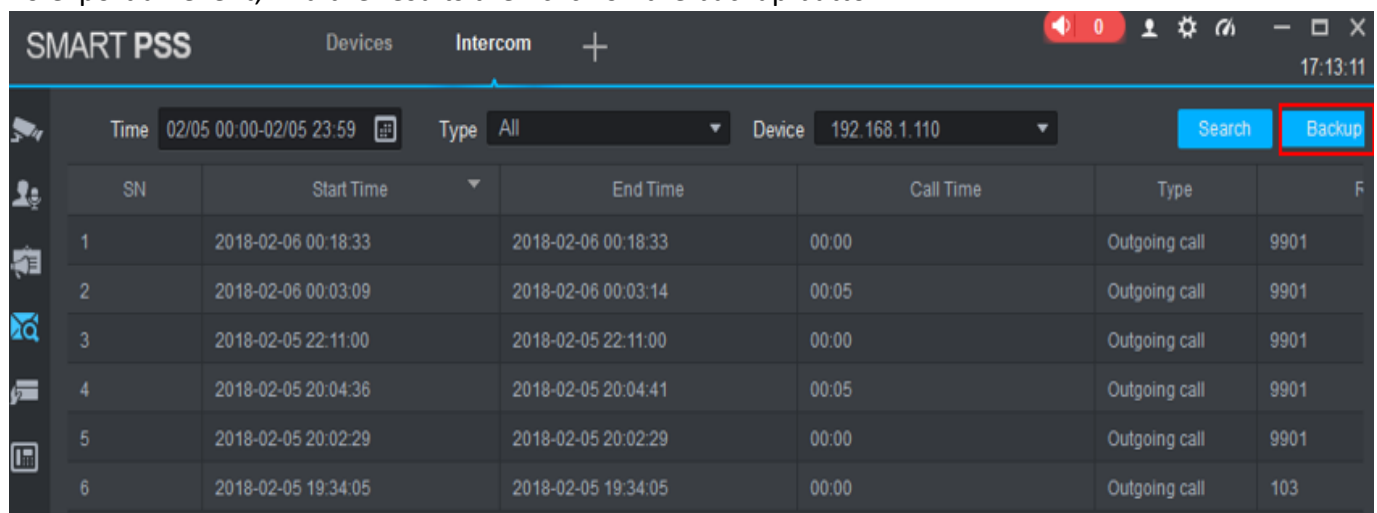
The screenshot shows the SMART PSS interface with the search results displayed in a table. The table has columns: SN, Start Time, End Time, Call Time, Type, and F. The results are as follows:

SN	Start Time	End Time	Call Time	Type	F
1	2018-02-06 00:18:33	2018-02-06 00:18:33	00:00	Outgoing call	9901
2	2018-02-06 00:03:09	2018-02-06 00:03:14	00:05	Outgoing call	9901
3	2018-02-05 22:11:00	2018-02-05 22:11:00	00:00	Outgoing call	9901
4	2018-02-05 20:04:36	2018-02-05 20:04:41	00:05	Outgoing call	9901
5	2018-02-05 20:02:29	2018-02-05 20:02:29	00:00	Outgoing call	9901
6	2018-02-05 19:34:05	2018-02-05 19:34:05	00:00	Outgoing call	103

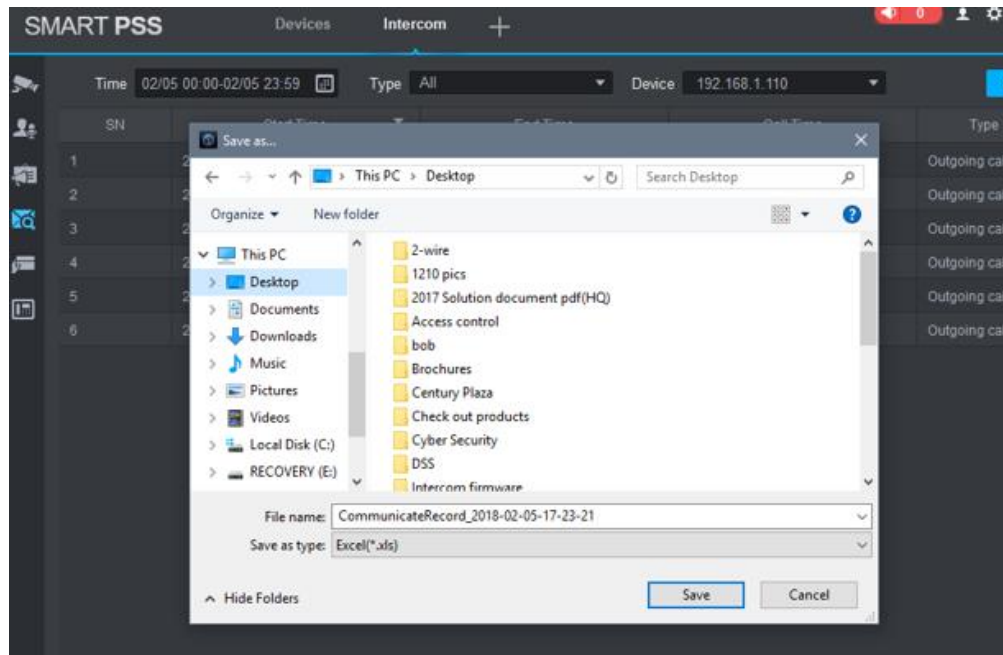
Exporting Events

All events can be exported and saved as an Excel format.

- To export an event, find the results then click on the backup button.



- Select your destination



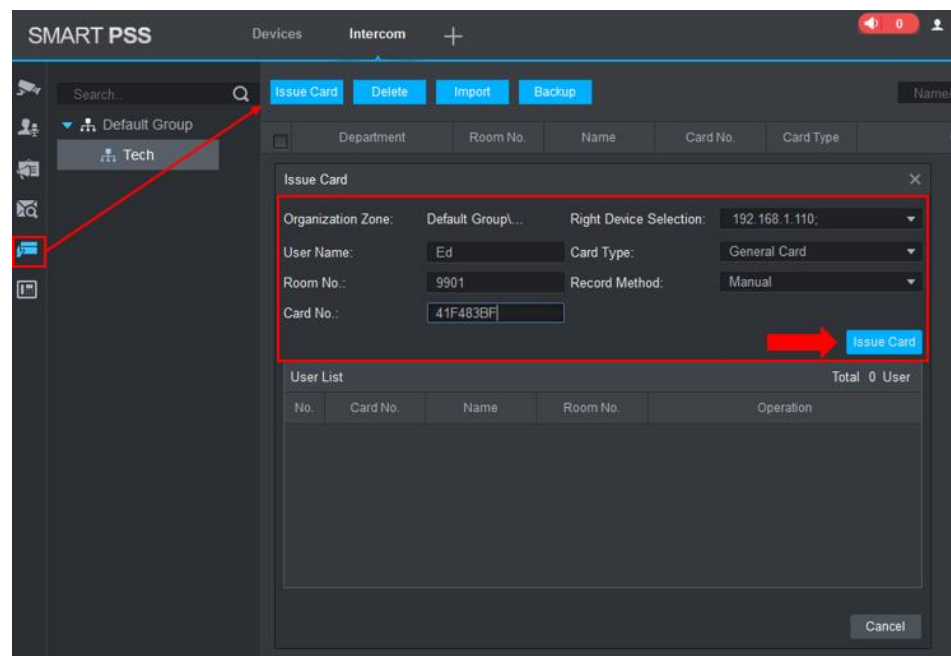
- Open the excel file.

	A	B	C	D	E	F
	SN	Start Time	End Time	Call Time	Type	Room
1	1	2018-02-05 19:34:05	2018-02-05 19:34:05	00:00	Outgoing call	103
2	2	2018-02-05 20:02:29	2018-02-05 20:02:29	00:00	Outgoing call	9901
3	3	2018-02-05 20:04:36	2018-02-05 20:04:41	00:05	Outgoing call	9901
4	4	2018-02-05 22:11:00	2018-02-05 22:11:00	00:00	Outgoing call	9901
5	5	2018-02-06 00:03:09	2018-02-06 00:03:14	00:05	Outgoing call	9901
6	6	2018-02-06 00:18:33	2018-02-06 00:18:33	00:00	Outgoing call	9901

Card Issue

The next feature will be working with is how to issue a card from the SmartPSS. There are two VTO that have a card reader build it those are VTO1201C-X and VTO2111D.

- To start issuing cards click on the Card Issue option then select the Issue Card button. Fill out the user information, once that is done click on Issue Card button at the bottom right corner.



SMART PSS

Devices Intercom +

Search...

Issue Card Delete Import Backup

Default Group

Tech

Issue Card

Organization Zone: Default Group... Right Device Selection: 192.168.1.110;

User Name: Ed Card Type: General Card

Room No.: 9901 Record Method: Manual

Card No.: 41F483BF

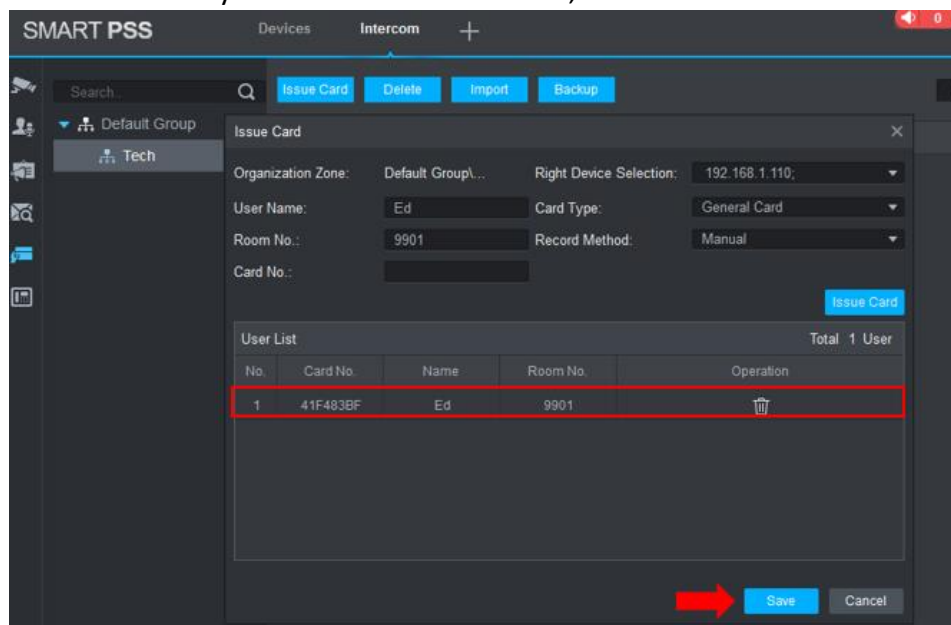
Issue Card

User List Total: 0 User

No.	Card No.	Name	Room No.	Operation
-----	----------	------	----------	-----------

Cancel

- Once the card has been issued you'll see it under User List, click on Ok to save it.



SMART PSS

Devices Intercom +

Search...

Issue Card Delete Import Backup

Default Group

Tech

Issue Card

Organization Zone: Default Group... Right Device Selection: 192.168.1.110;

User Name: Ed Card Type: General Card

Room No.: 9901 Record Method: Manual

Card No.:

Issue Card

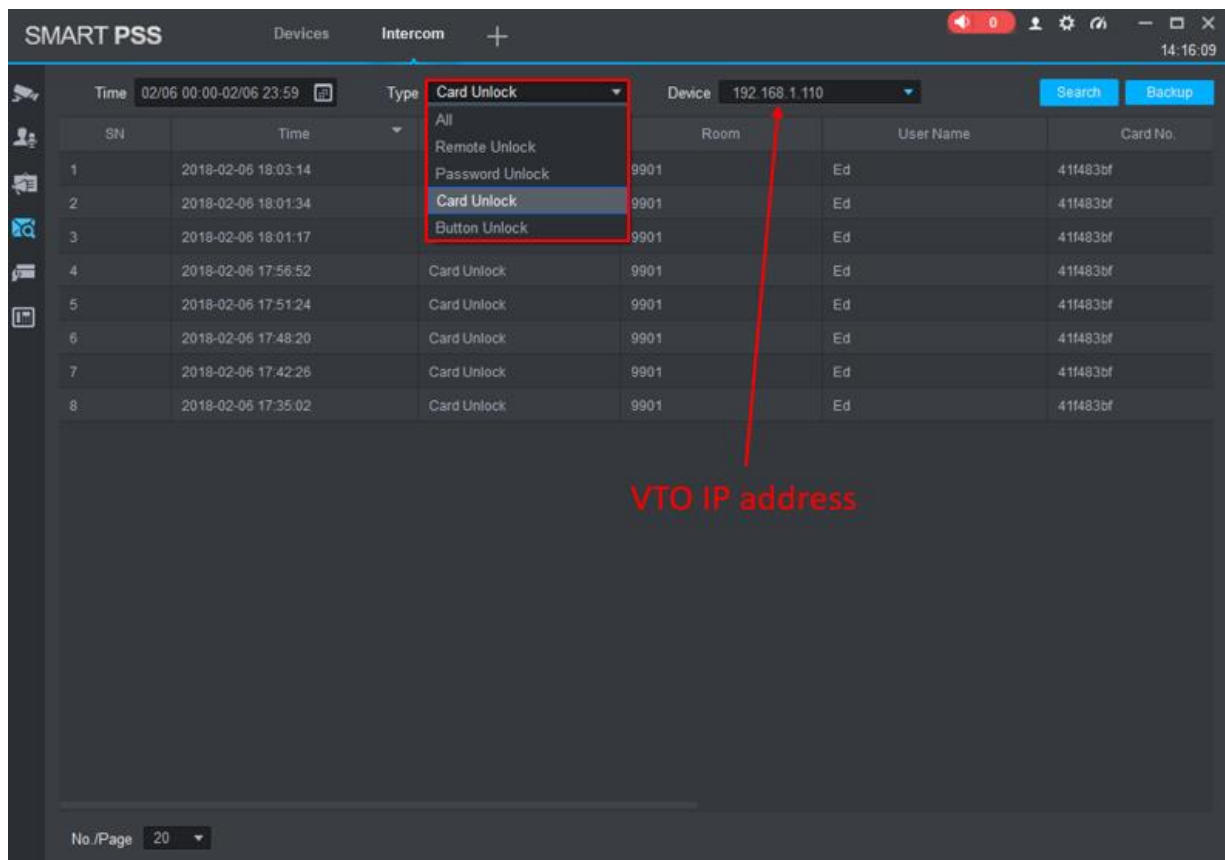
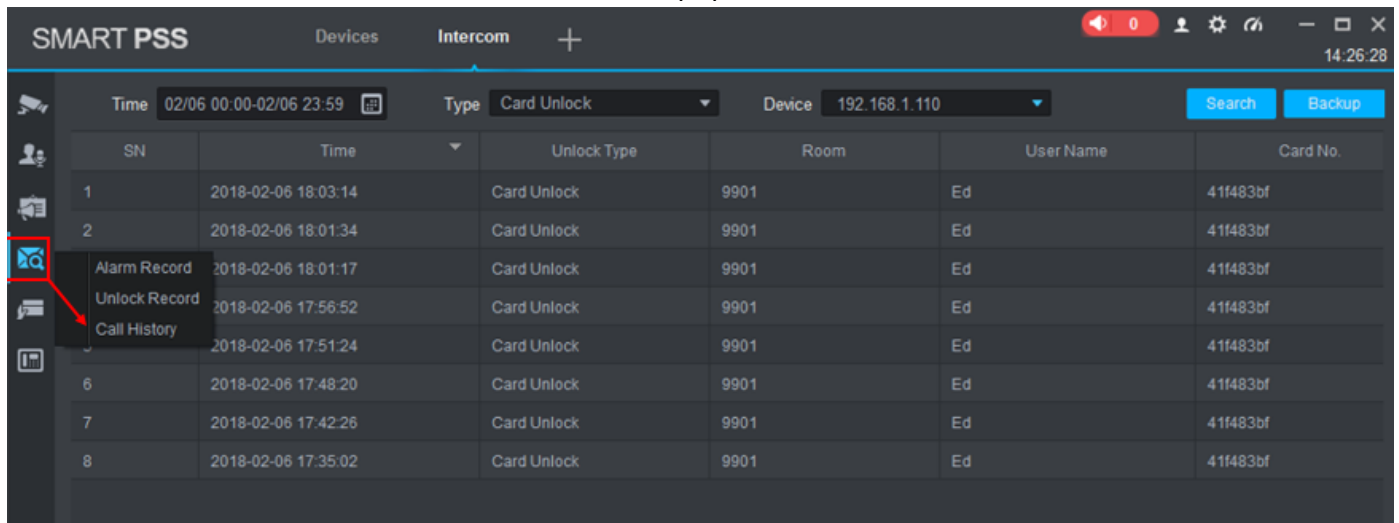
User List Total: 1 User

No.	Card No.	Name	Room No.	Operation
1	41F483BF	Ed	9901	

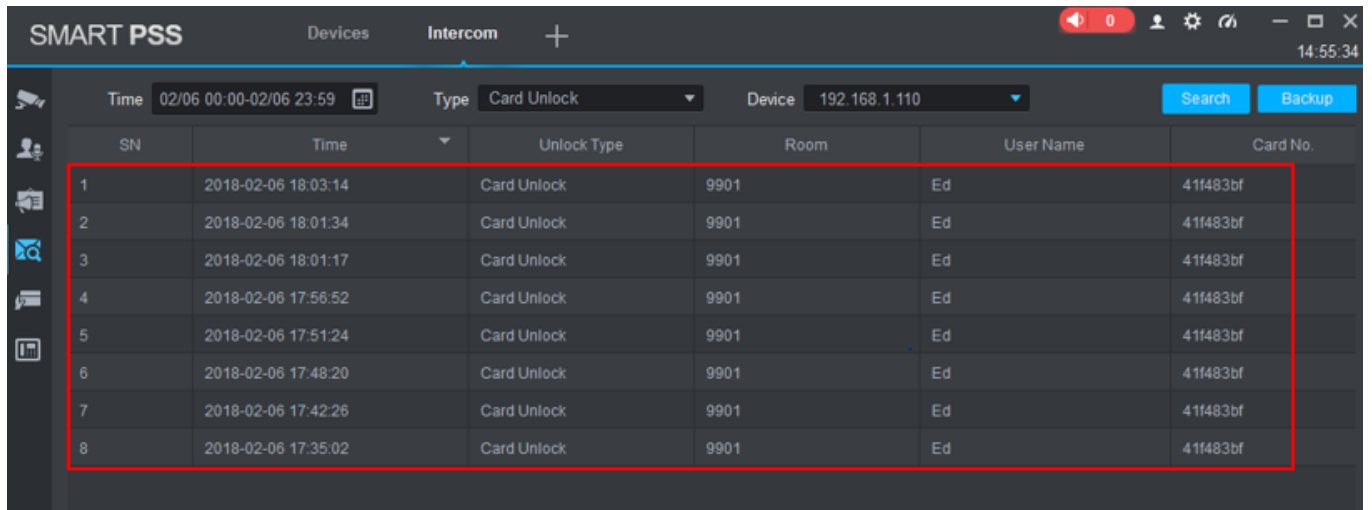
Save Cancel

After adding a user with a card assigned to them, they are able to swipe the card on the VTO1210C-X and unlock the door. To search for results like Alarm Record, Unlock Record and Call History, do the following.

- Click on the search icon and select from 3 different option. For example, select Unlock Record, then go to Type and select Card Unlock from the drop-down menu. Also from the Device drop-down select the VTO. Click on the search button and the results will populate.



- Results from the search.



The screenshot displays the SMART PSS Intercom software interface. At the top, there are tabs for 'Devices' and 'Intercom', along with a search bar and a '+' icon. The search criteria are set to 'Time: 02/06 00:00-02/06 23:59', 'Type: Card Unlock', and 'Device: 192.168.1.110'. The results are shown in a table with columns for SN, Time, Unlock Type, Room, User Name, and Card No. The table contains 8 rows of data, all of which are 'Card Unlock' events for user 'Ed' in room '9901' using card '41f483bf'. The table is highlighted with a red border.

SN	Time	Unlock Type	Room	User Name	Card No.
1	2018-02-06 18:03:14	Card Unlock	9901	Ed	41f483bf
2	2018-02-06 18:01:34	Card Unlock	9901	Ed	41f483bf
3	2018-02-06 18:01:17	Card Unlock	9901	Ed	41f483bf
4	2018-02-06 17:56:52	Card Unlock	9901	Ed	41f483bf
5	2018-02-06 17:51:24	Card Unlock	9901	Ed	41f483bf
6	2018-02-06 17:48:20	Card Unlock	9901	Ed	41f483bf
7	2018-02-06 17:42:26	Card Unlock	9901	Ed	41f483bf
8	2018-02-06 17:35:02	Card Unlock	9901	Ed	41f483bf