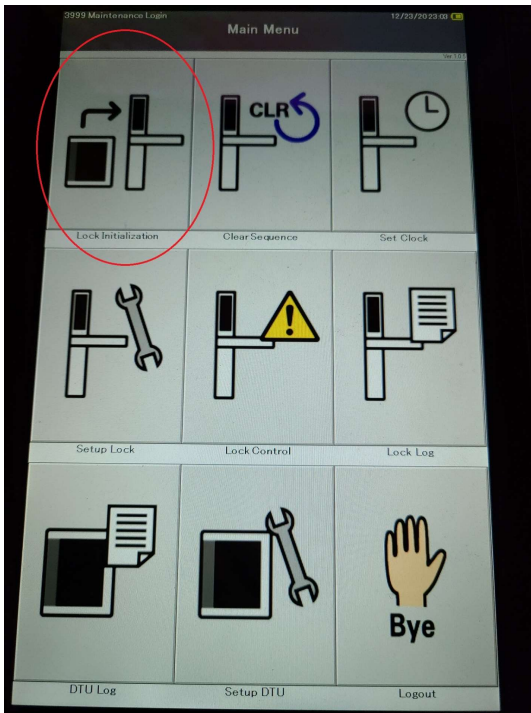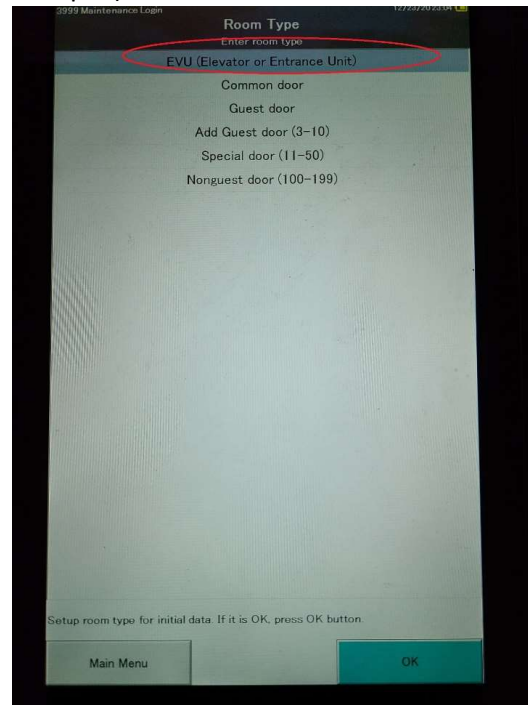Programming an EVU for Elevator Use-

Step 1.) Select Lock Initialization   Step 2.)   Select EVU
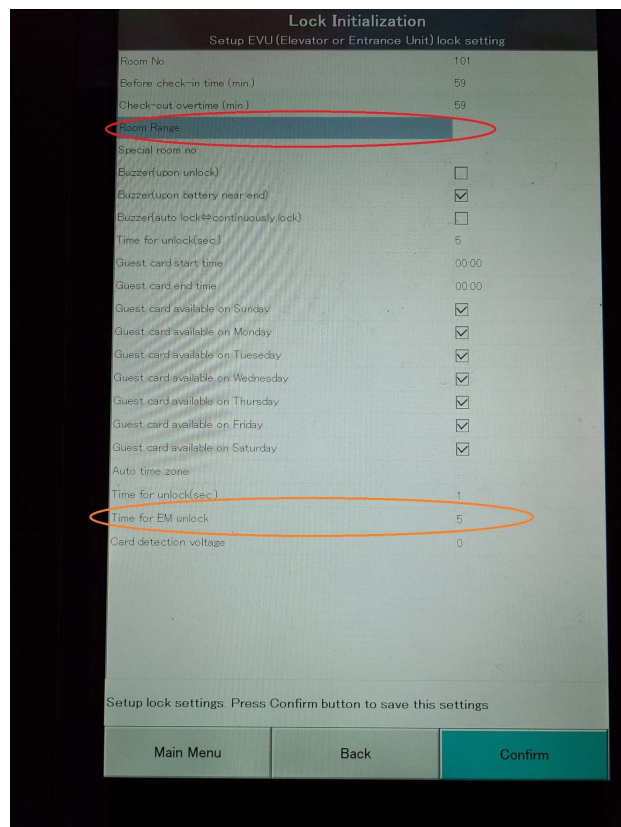

Step 3.)
Room # doesn't matter, Enter 101
Change the Time for EM Unlock to 5 seconds
(So when an emergency card is used, 5 seconds of all access is provided, not an unlimited amount of time)
Enter the room range and outputs- look at step 4

Step 4.) Entering the room range and outputs
Start & End are the range of keys it will accept,
Output is the floor those keys are allowed to go

In this Example:
Room 101-105 Only Allowed to access Floor 1
Room 201-205 Allowed to access Floor 1 and 2
Room 301-305 Allowed to access Floor 1 and 3
Room 401-402 Staff allowed to access All Floors (1-4)

Example Setup:
(Guest Cards 101-105)
Start 101 End 105 output 1   Only Allowed to access Floor 1

(Guest Cards 201-205)
Start 201 End 205 output 1   Allowed to access Floor 1
Start 201 End 205 output 2   Allowed to Access Floor 2

(Guest Cards 301-305)
Start 301 End 305 output 1   Allowed to access Floor 1
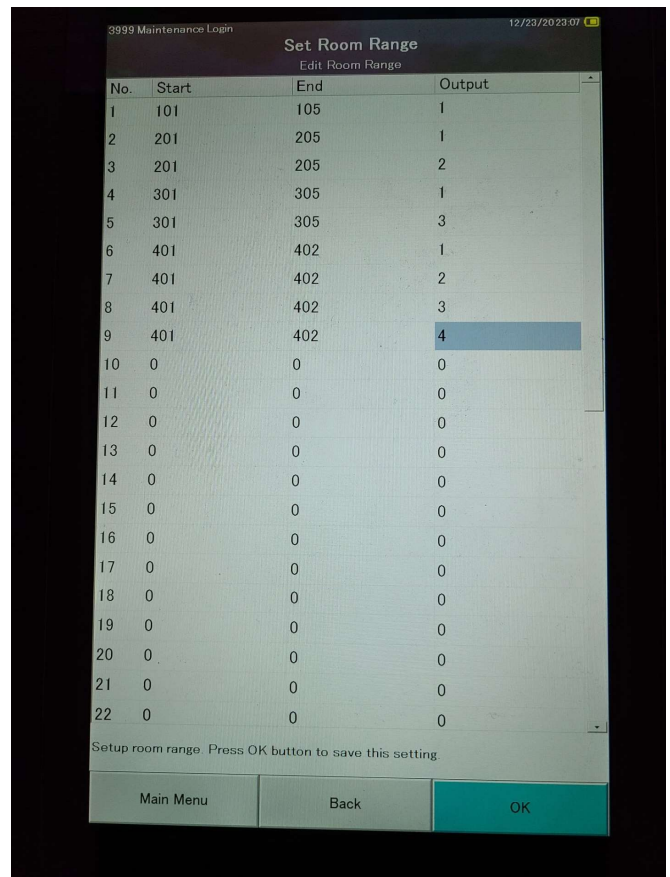Start 301 End 305 output 3   Allowed to Access Floor 3

(Guest Cards 401-402)
Start 401 End 402 output 1   Allowed to access Floor 1
Start 401 End 402 output 2   Allowed to Access Floor 2
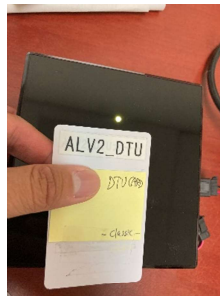Start 401 End 402 output 3   Allowed to access Floor 3
Start 401 End 402 output 4   Allowed to Access Floor 4

3999 Maintenance Login   12/23/2023:07
Set Room Range
Edit Room Range

No.	Start	End	Output
1	101	105	1
2	201	205	1
3	201	205	2
4	301	305	1
5	301	305	3
6	401	402	1
7	401	402	2
8	401	402	3
9	401	402	4
10	0	0	0
11	0	0	0
12	0	0	0
13	0	0	0
14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	0	0	0
19	0	0	0
20	0	0	0
21	0	0	0
22	0	0	0

Setup room range. Press OK button to save this setting.

| Main Menu | Back | OK |

Press Ok when done
Press Confirm
Press Send

Use your DTU card, it will light up green →
On the Tablet, Press send, and the signal will be sent out (will only program While Green Light Is On)

When a DTU card is used on a EVU, it lights up Green (the equivalent of orange in a guest room reader)
When a card is used, Blue light means accepted (equivalent of green in a guest room reader)

Allowing an EVU to accept Cards with access to Special Rooms

The special Room has to be made on the PC Server (**Both** installed in Tablet and on the Front Desk)

Setup, Room type,

On the special room section, add the room names, click apply

Setup, Room Setting, Add the Room# and Floor #, and check the box of the kind of special room it is, click apply

On Front Desk PC-

Issue the room # of the special room card(s)

On Tablet-

Open DTU Software, sign in with staff code, Ok to IrDA, Setup DTU, Add the Server's IP (From Status Button on ALV2 PC Server), press Ok, then Synchronize w/ PC, select Door Information, press ok/Send.

Go to Main Menu, Lock initialization, EVU, Select Special Room, and you should see the special rooms you added. Check the select boxes and add the output of when the special room card is used.
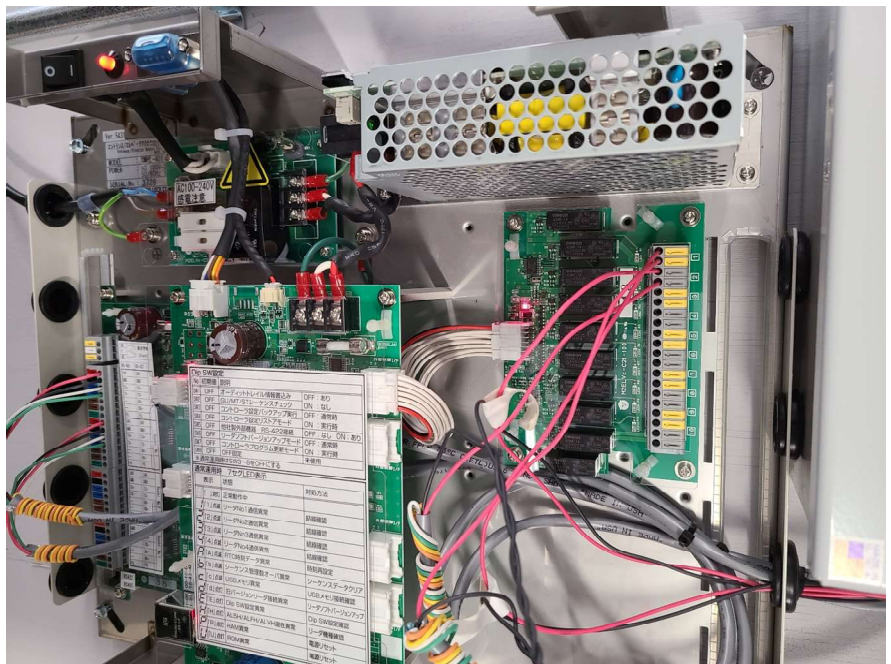
Check that the regular room range/outputs are there and are correct.

Outputs on the CMHL 401 EVU Controller

CHML 401 EVU Controller

Outputs are on Yellow and Grey

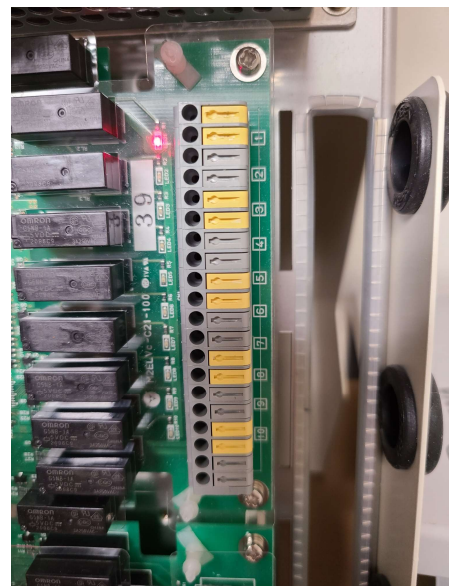On the right side of the CMHL

Outputs →

(Up to 10 outputs per mother board)

(CMHL-401 can have up to 4 boards)

(Lights up red when output is triggered)

Based on how the EVU RDFL Reader is programmed on the previous notes

Here are how cards 101, 201, 301, and 401 will cause the CMHL to act-

Card 101 causes Output 1 only to trigger
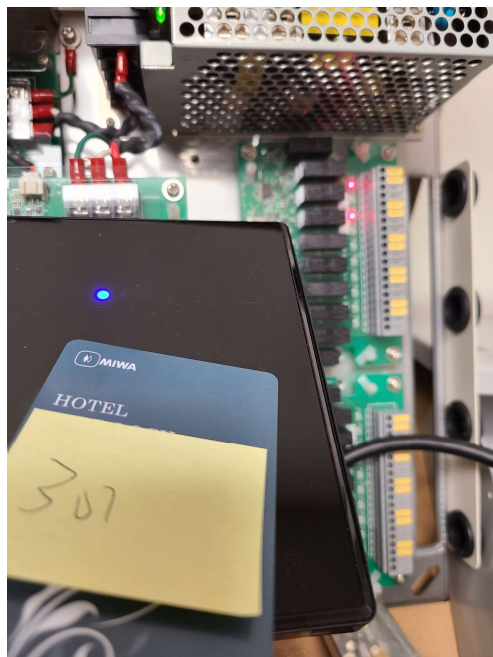
(Red light on output 1)

Card 201 causes Output 1 and 2 to trigger

(Red light on output 1 and 2)

Card 301 causes Output 1 and 3 to trigger

(Red light on output 1 and 3)

Card 401 causes Output 1, 2, 3 and 4 to trigger

(Red light on output 1, 2, 3 and 4)