DICKER DATA | CONNECT

SURVEILLANCE AND SECURITY

BOSCH

Bosch 4000 B901 Door module

connect.dickerdata.co.nz

Codepad Programming

To enable Door via Codepad:

Go to location **13098** and choose how many doors are required.

Default is 0 – All doors disabled

Item	Location	Option	Default	New
Door enable	13098	0 = All doors disabled 1 = Door 1 enable 2 = Door 2 enable 4 = Door 3 enable 8 = Door 4 enable 15 = All doors enabled	0	

Codepad assigned door:

This option is assigning door or doors to codepads for adding access cards

and cycling door operations. Each codepad and be assigned door/s.

By default this is set to **[15]** – No door is assigned

Item	Location	Option	Default	New
Codepad 1 door	0522	0 = Door 1 1 = Door 2 2 = Door 3 3 = Door 4 15 = No door is assigned	15	
Codepad 2 door	0523		15	
Codepad 3 door	0524		15	
Codepad 4 door	0525		15	

If this is left as **[15]** – you will ***not*** be able to:

- Cycle the door operation
- Add access card users via the codepad

Codepad Programming

Assign Door 1 to Codepad 1

Location **552 –** Enter **1 -** to assign Door 1 to Codepad 1

Enter **1234 #** **552 #** **1 ***

Assigning Access Card/Tag to User:

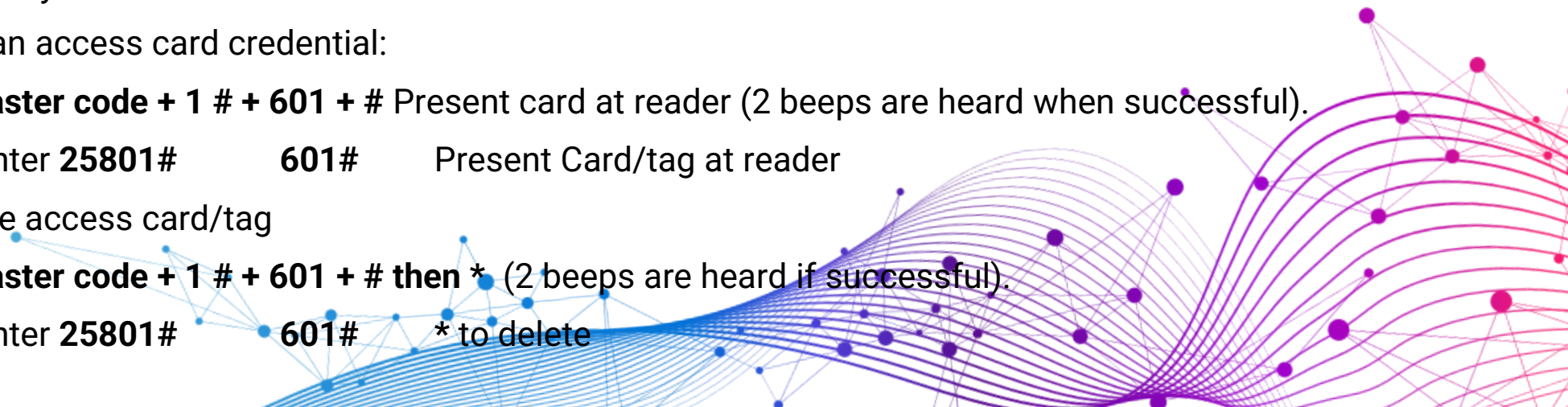
- Using the Master Code, you can add/ delete access cards/tags just like user codes and remotes.
- Access card credentials are between **[601 – 664]** which like the remotes are assigned to users **1 - 64** respectively.
- To add an access card credential:

  Enter **Master code + 1 # + 601 + #** Present card at reader (2 beeps are heard when successful).

  Enter **25801#** **601#** Present Card/tag at reader
- To delete access card/tag

  Enter **Master code + 1 # + 601 + # then *** (2 beeps are heard if successful).

  Enter **25801#** **601#** ***** to delete



Codepad Programming

As mentioned, there are **32** zones on the 4000, there are an additional **4** zones for the access door control. One for each door module **[B901]**

These are programmed to same way a normal panel zone and uses the same structure as the 32 zones on the 4000.

- These zones will show up as zones **129 – 132** on the alarm system
- Program door zone 129 for entry delay 1 on the Door module 1

1234# 13252# 2 *

Item	Location	Default	New	Item	Location	Default	New
Zone #129 (Door 1 zone)				**Zone #130 (Door 2 zone)**			
Zone Type	13252	0		Zone Type	13259	0	
Zone Pulse Count	13253	0		Zone Pulse Count	13260	0	
Zone Pulse Count Time	13254	0		Zone Pulse Count Time	13261	0	
Zone Options 1	13255	1		Zone Options 1	13262	1	
Zone Options 2	13256	14		Zone Options 2	13263	14	
Reserved	13257			Reserved	13264		
Zone Report Options	13258	1		Zone Report Options	13265	1	
Zone #131 (Door 3 zone)				**Zone #132 (Door 4 zone)**			
Zone Type	13266	0		Zone Type	13273	0	
Zone Pulse Count	13267	0		Zone Pulse Count	13274	0	
Zone Pulse Count Time	13268	0		Zone Pulse Count Time	13275	0	
Zone Options 1	13269	1		Zone Options 1	13276	1	
Zone Options 2	13270	14		Zone Options 2	13277	14	
Reserved	13271			Reserved	13278		
Zone Report Options	13272	1		Zone Report Options	13279	1	

Access Door Programming Via Alink Software

Common Door Options

Door Name - *Name of Door*

Door Enable - *Yes or No*

Exit request - *RTE device*

Auto door - *Unlock during disarm*

Fire unlock - *Unlocks during FIRE event. Zone to be programmed as a fire zone-type 13*

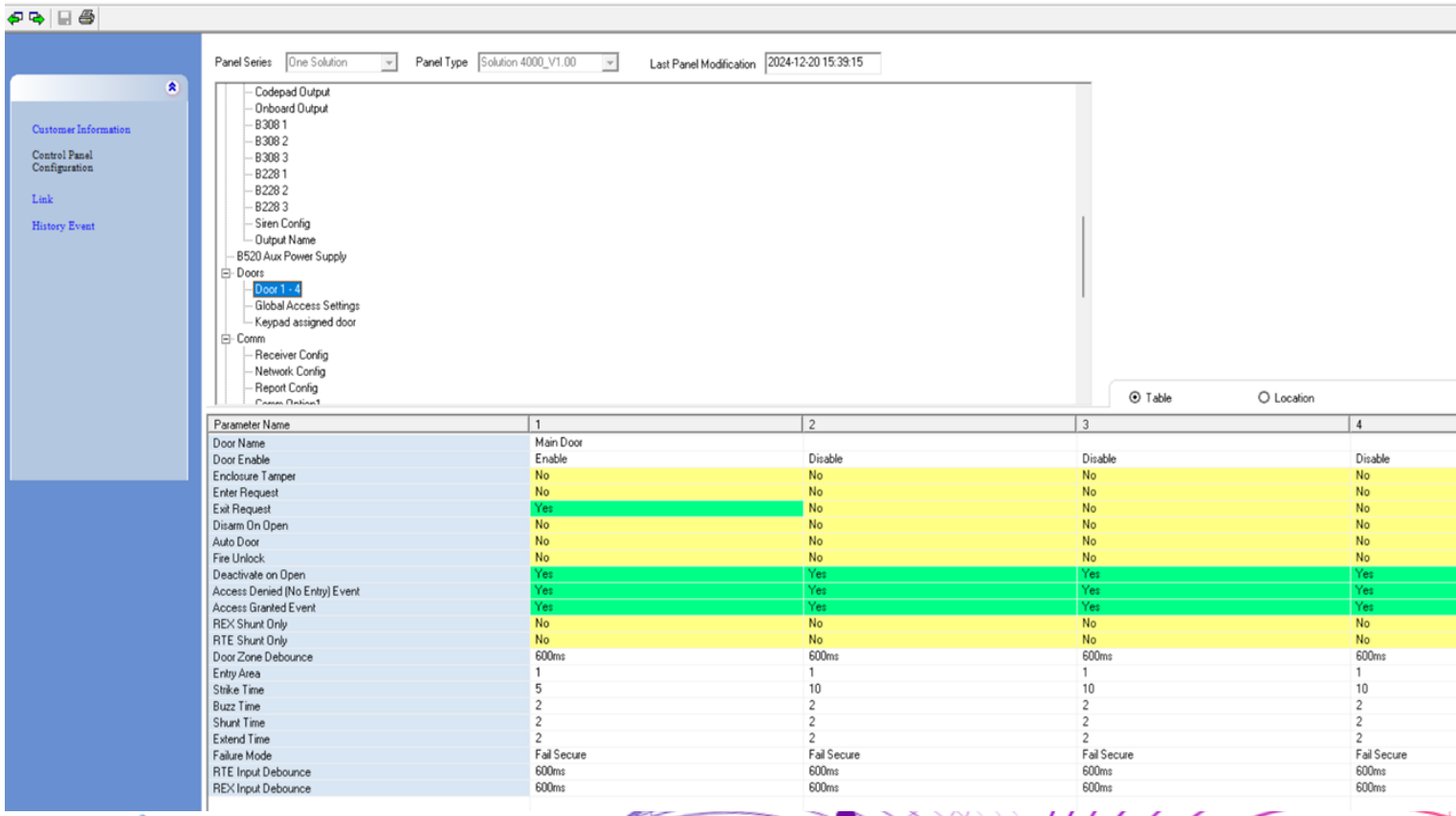
Strike Time - *Unlock time of door*

Default is 10 seconds

Failure Mode:

Fail Secure - *Door remains locked when B901 module is offline*

Fail Safe – *Access module releases door when B901 module loses communications with 4000 panel*



Parameter Name	1	2	3	4
Door Name	Main Door			
Door Enable	Enable	Disable	Disable	Disable
Enclosure Tamper	No	No	No	No
Enter Request	No	No	No	No
Exit Request	Yes	No	No	No
Disarm On Open	No	No	No	No
Auto Door	No	No	No	No
Fire Unlock	No	No	No	No
Deactivate on Open	Yes	Yes	Yes	Yes
Access Denied (No Entry) Event	Yes	Yes	Yes	Yes
Access Granted Event	Yes	Yes	Yes	Yes
REX Shunt Only	No	No	No	No
RTE Shunt Only	No	No	No	No
Door Zone Debounce	600ms	600ms	600ms	600ms
Entry Area	1	1	1	1
Strike Time	5	10	10	10
Buzz Time	2	2	2	2
Shunt Time	2	2	2	2
Extend Time	2	2	2	2
Failure Mode	Fail Secure	Fail Secure	Fail Secure	Fail Secure
RTE Input Debounce	600ms	600ms	600ms	600ms
REX Input Debounce	600ms	600ms	600ms	600ms

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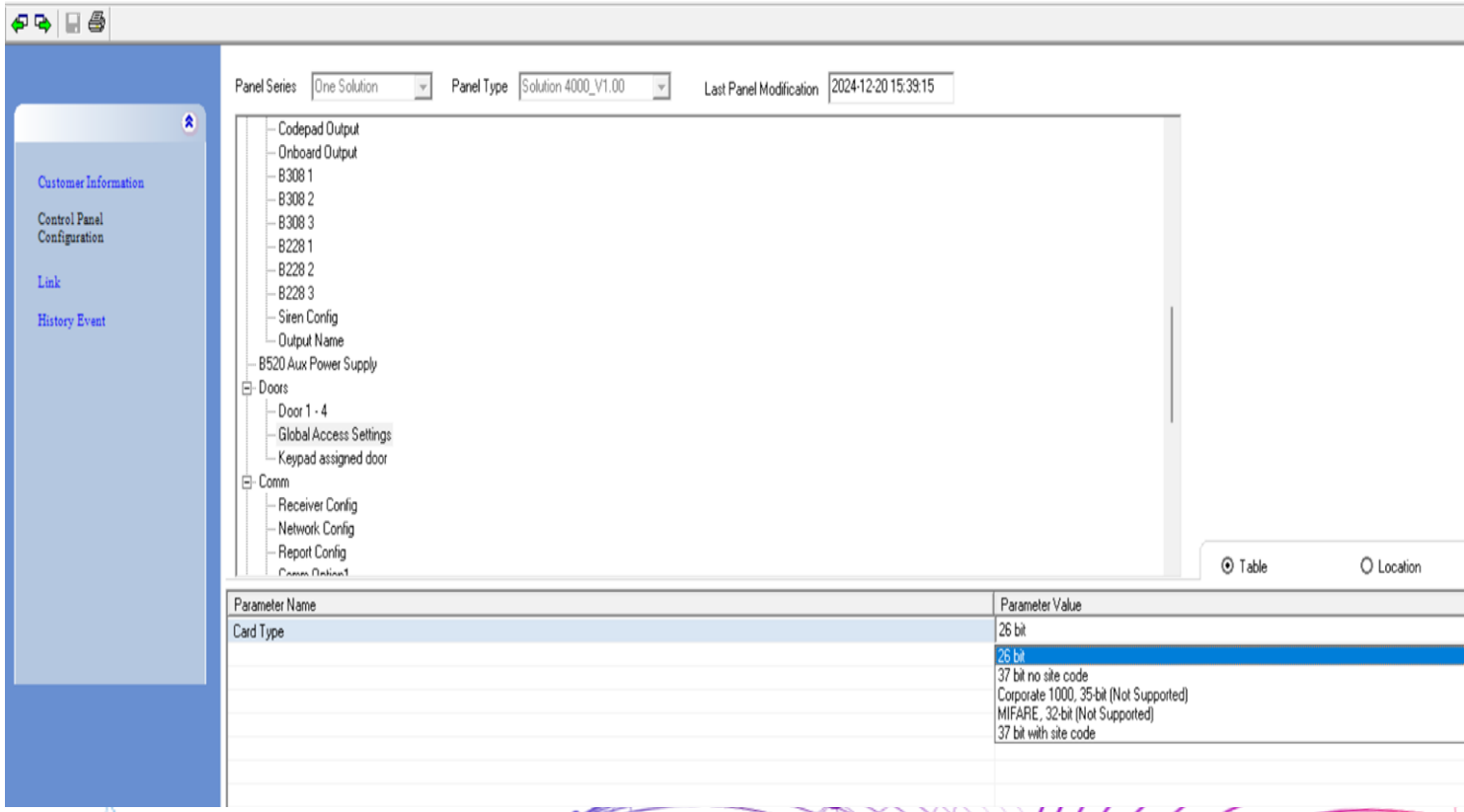
Global Access Settings:

- This is for selecting which weigand format to use. Currently only 3 options.
- 26 bit, 37 bit No site code and 37 bit with site code



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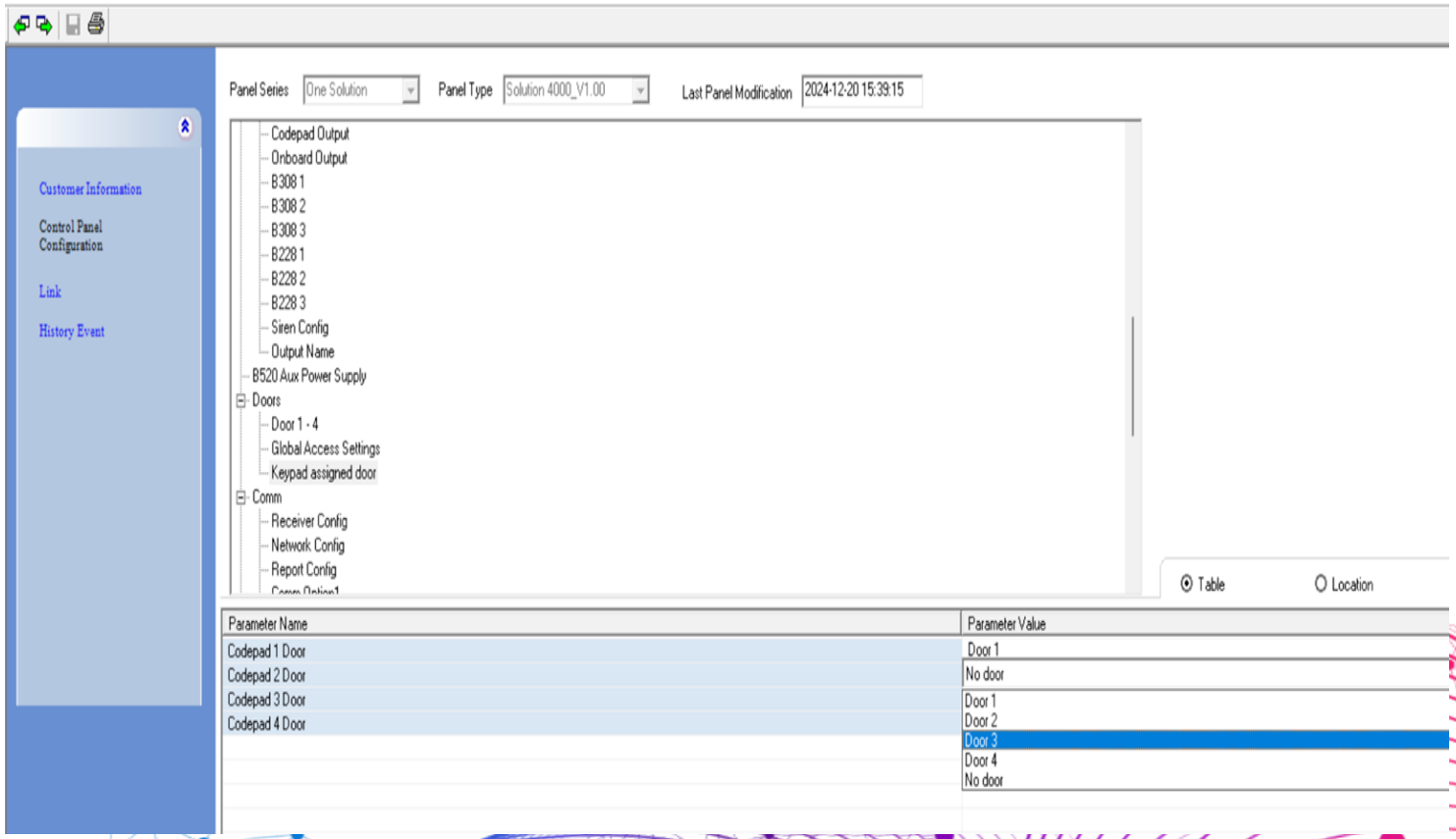
Keypad Assigned Door:

- Assign a codepad to an access door.



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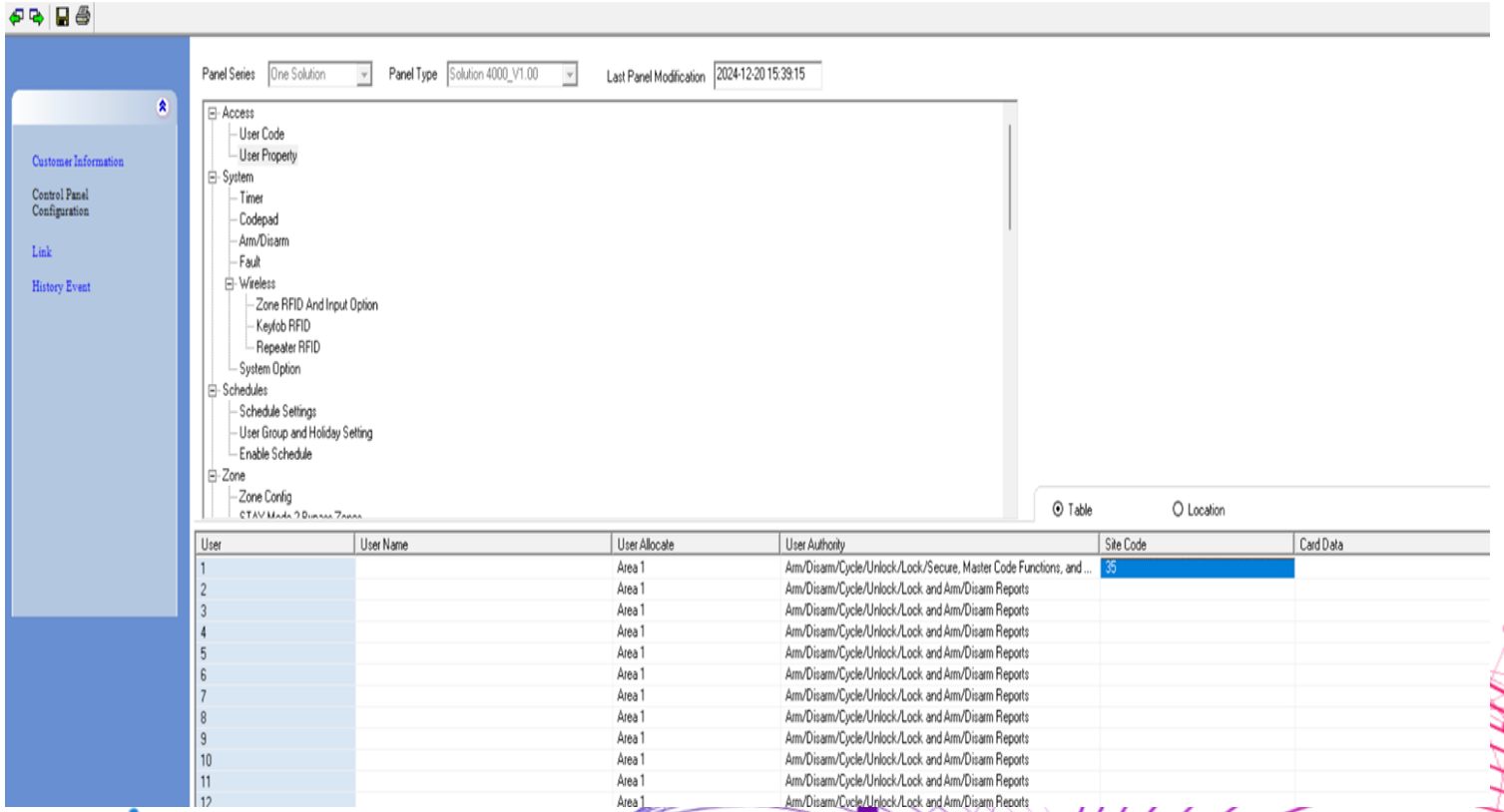
Assigning user cards/tags:

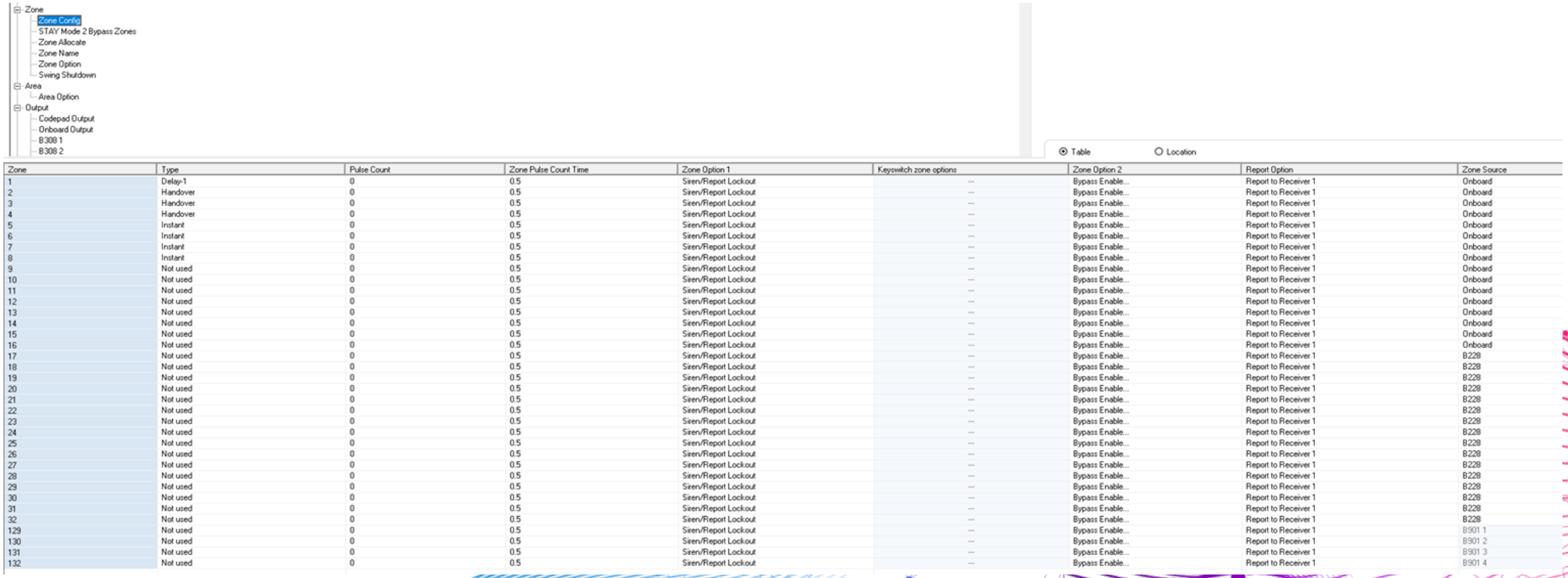
Enter ***User Name***, ***Area User Authority***, ***Site Code*** and ***Card Number*** details if required



Access Door Programming Via Alink Software

Zone Programming

- Here you can program the zone for each Door module.
- Each Door module has one zone available for Door input monitoring. Zones 129 -132



Zone	Type	Pulse Count	Zone Pulse Count Time	Zone Option 1	Keyswitch zone options	Zone Option 2	Report Option	Zone Source
1	Delay-1	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	Onboard
2	Handover	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	Onboard
3	Handover	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	Onboard
4	Handover	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	Onboard
5	Instant	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	Onboard
6	Instant	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	Onboard
7	Instant	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	Onboard
8	Instant	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	Onboard
9	Not used	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	Onboard
10	Not used	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	Onboard
11	Not used	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	Onboard
12	Not used	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	Onboard
13	Not used	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	Onboard
14	Not used	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	Onboard
15	Not used	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	Onboard
16	Not used	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	Onboard
17	Not used	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	B228
18	Not used	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	B228
19	Not used	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	B228
20	Not used	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	B228
21	Not used	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	B228
22	Not used	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	B228
23	Not used	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	B228
24	Not used	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	B228
25	Not used	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	B228
26	Not used	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	B228
27	Not used	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	B228
28	Not used	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	B228
29	Not used	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	B228
30	Not used	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	B228
31	Not used	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	B228
32	Not used	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	B228
129	Not used	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	B901 1
130	Not used	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	B901 2
131	Not used	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	B901 3
132	Not used	0	0.5	Siren/Report Lockout	...	Bypass Enable...	Report to Receiver 1	B901 4

Access Door Programming Via Alink Software

Schedule Settings

- This is where you create schedules/timezones for ***Doors*** and ***User Groups.*** *2 x schedules will need to be programmed per event eg: Door unlocked during business hours – 1 for* ***unlock*** *time and 1 for* ***lock*** *time*
- **Function: No Schedule** - *Disabled*

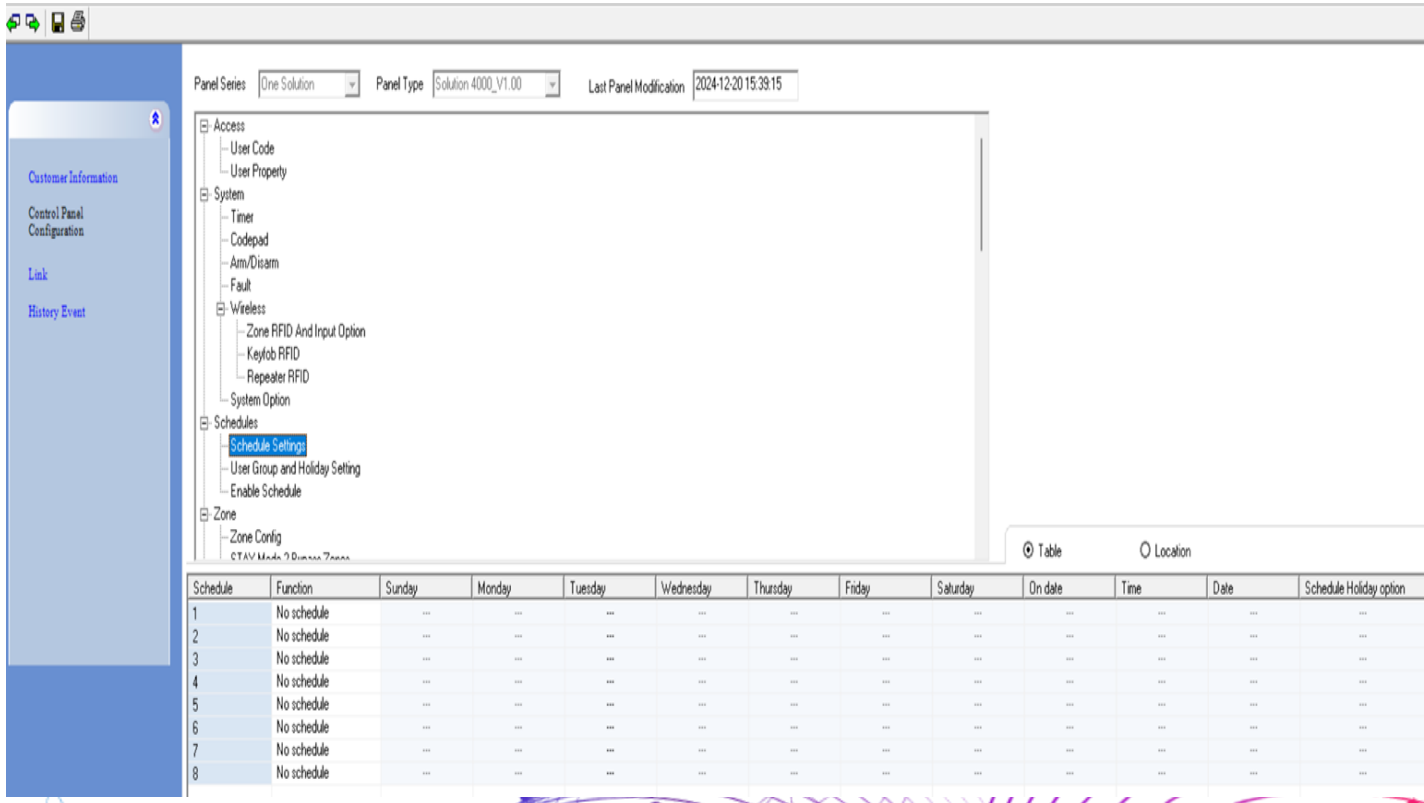
  Lock Door – *Locked during valid Schedule*

Unlock Door – *Unlocked during valid Schedule*

Secure Door – *Locks during valid Schedule*

Activate User – *User allowed access during valid Schedule*

Deactivate User – *User denied access during valid Schedule*



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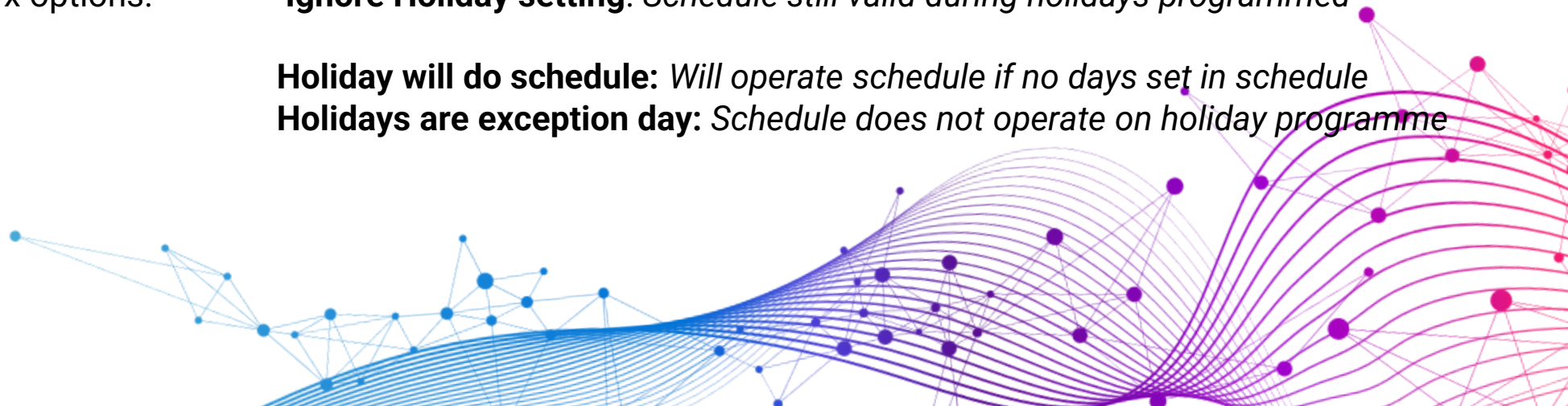
Sunday through Saturday *Yes/No – enable or disable for each day.*

- **On Date** Yes/No – *enable/disable user to edit schedule via codepad.*
- **Time** *Time of day that the schedule starts or is valid*
- **Date** *Start date for the event schedule to start – day and month only*

Schedule holiday option

3 x options: **Ignore Holiday setting**: *Schedule still valid during holidays programmed*

Holiday will do schedule: *Will operate schedule if no days set in schedule*
Holidays are exception day: *Schedule does not operate on holiday programme*



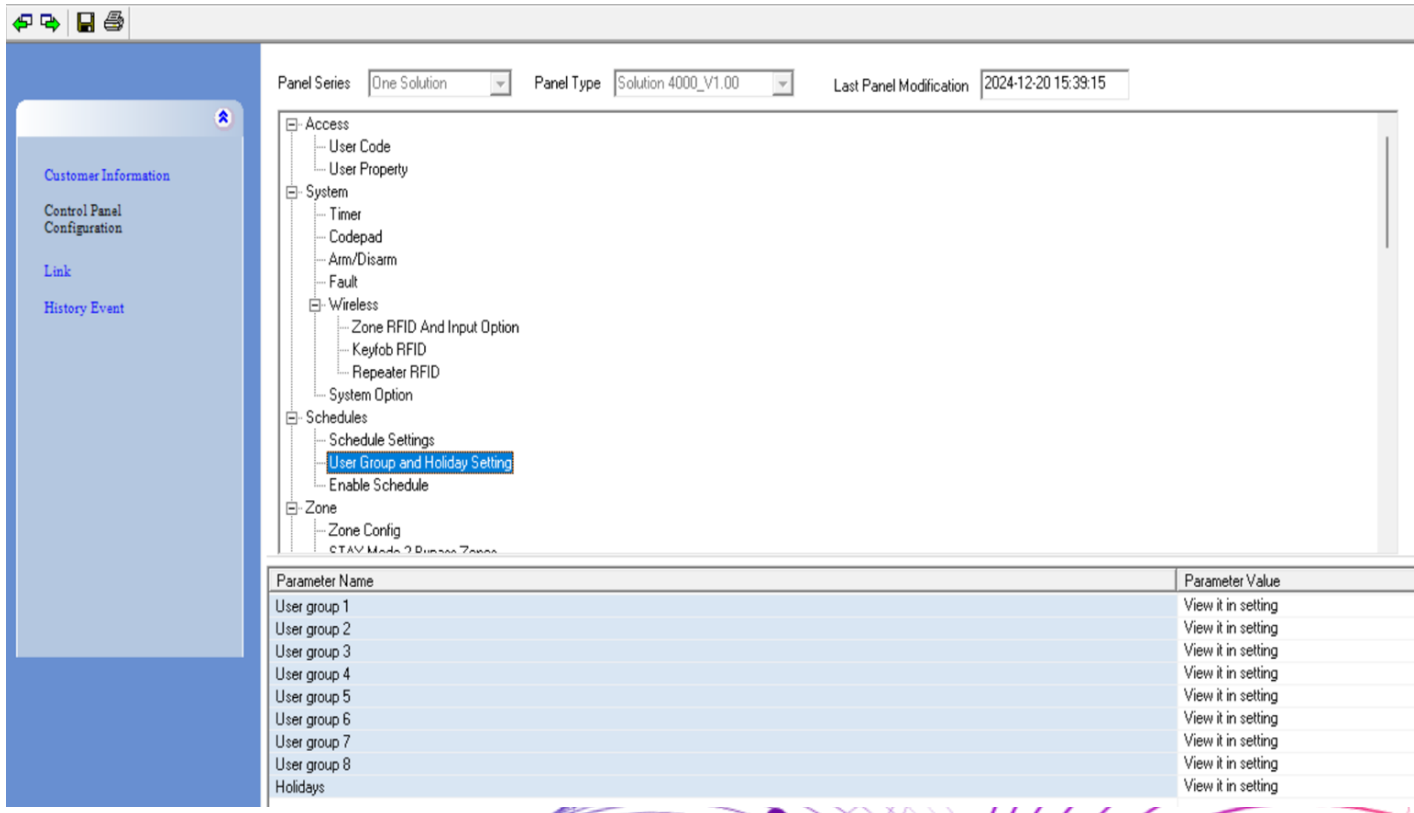
Access Door Programming Via Alink Software

User Group And Holiday Settings

- Up to 8 User Groups
- 1 Holiday schedule

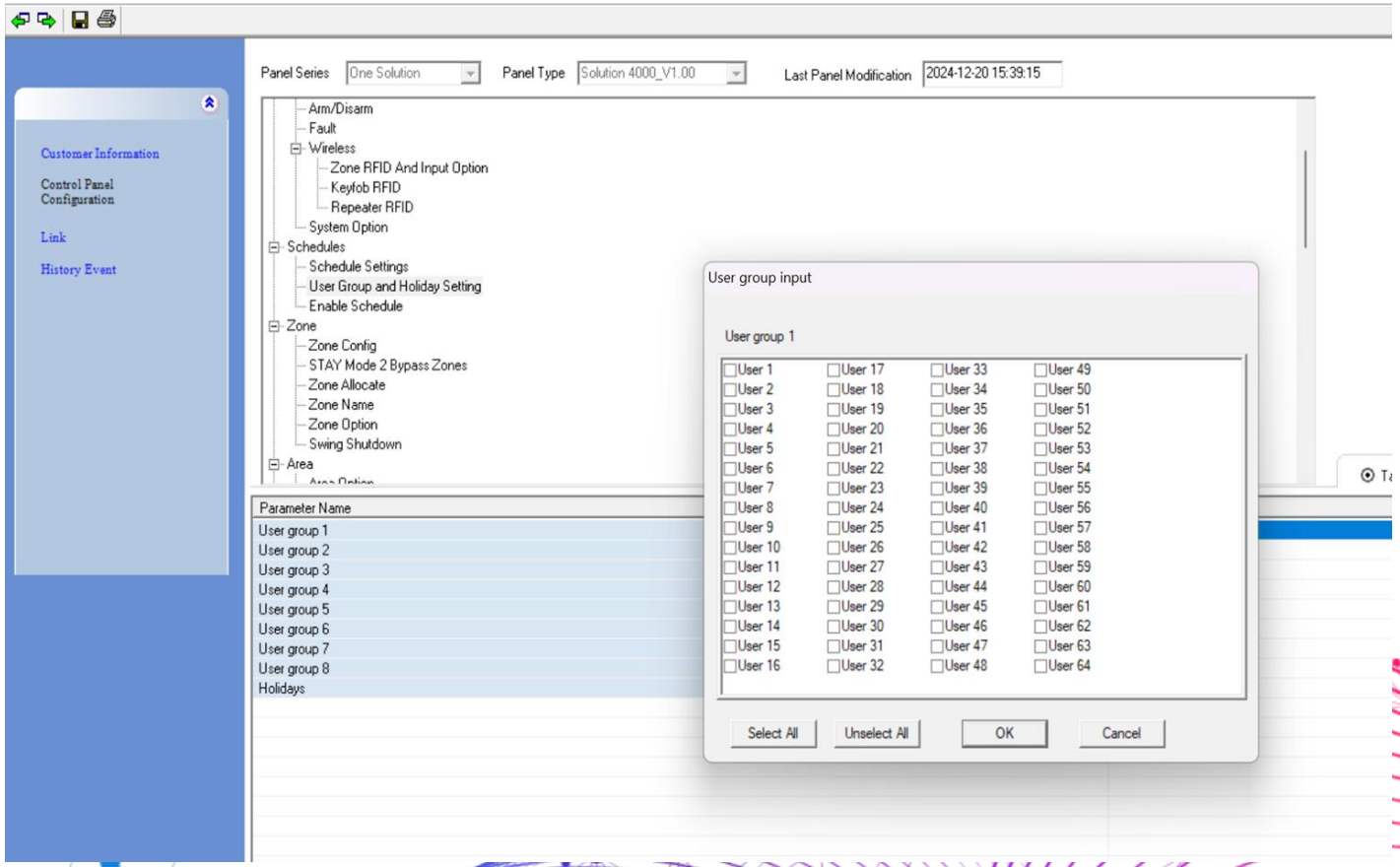
Users that are assigned User Groups can be assigned to a schedule to restrict access to the door.

- Select **[View in Setting]** section of the **User Group**



Access Door Programming Via Alink Software

- Select the users you want have in that **User Group** and click **OK**



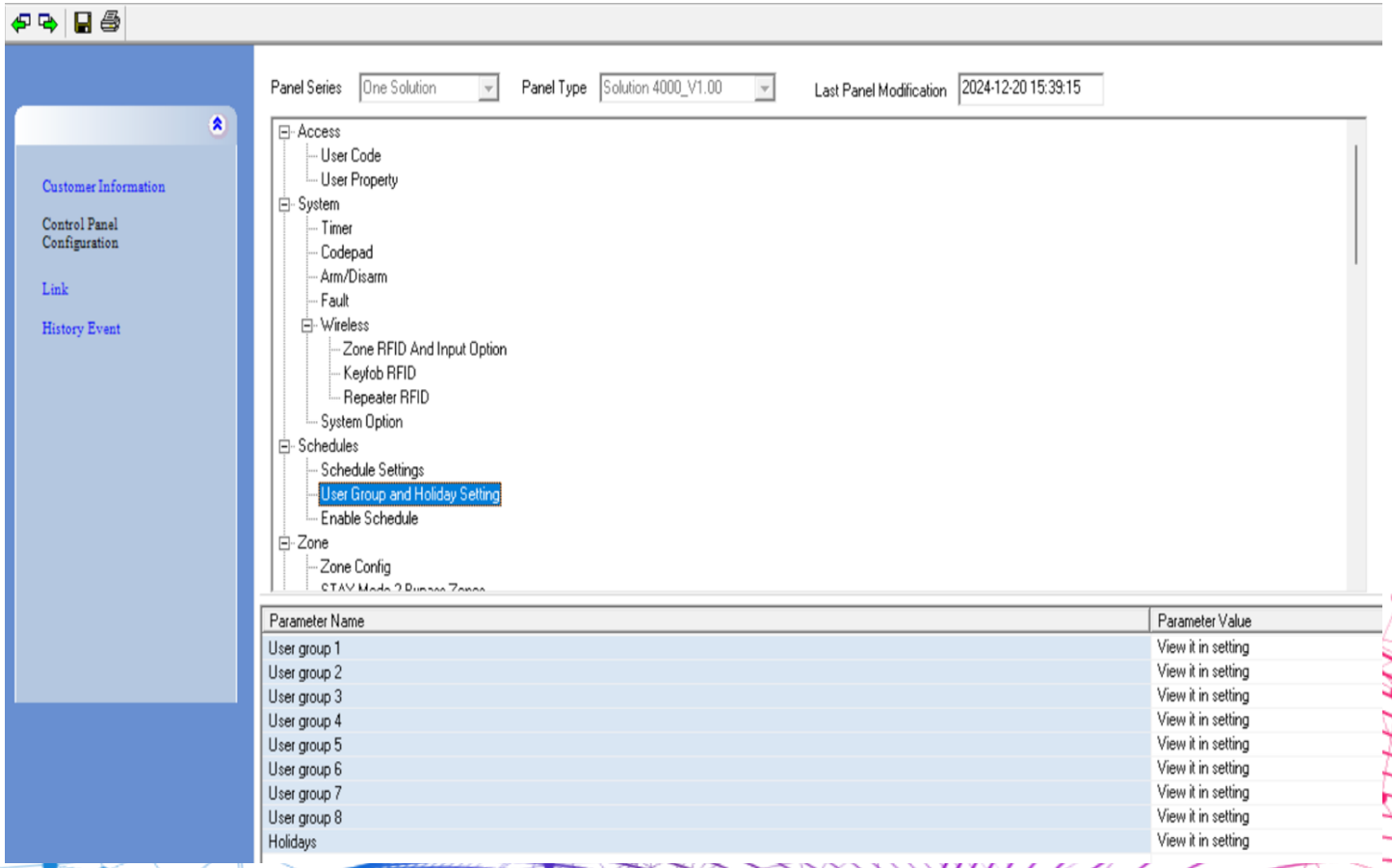
Access Door Programming Via Alink Software

User Group And Holiday Settings

- Up to 8 User Groups
- 1 Holiday schedule

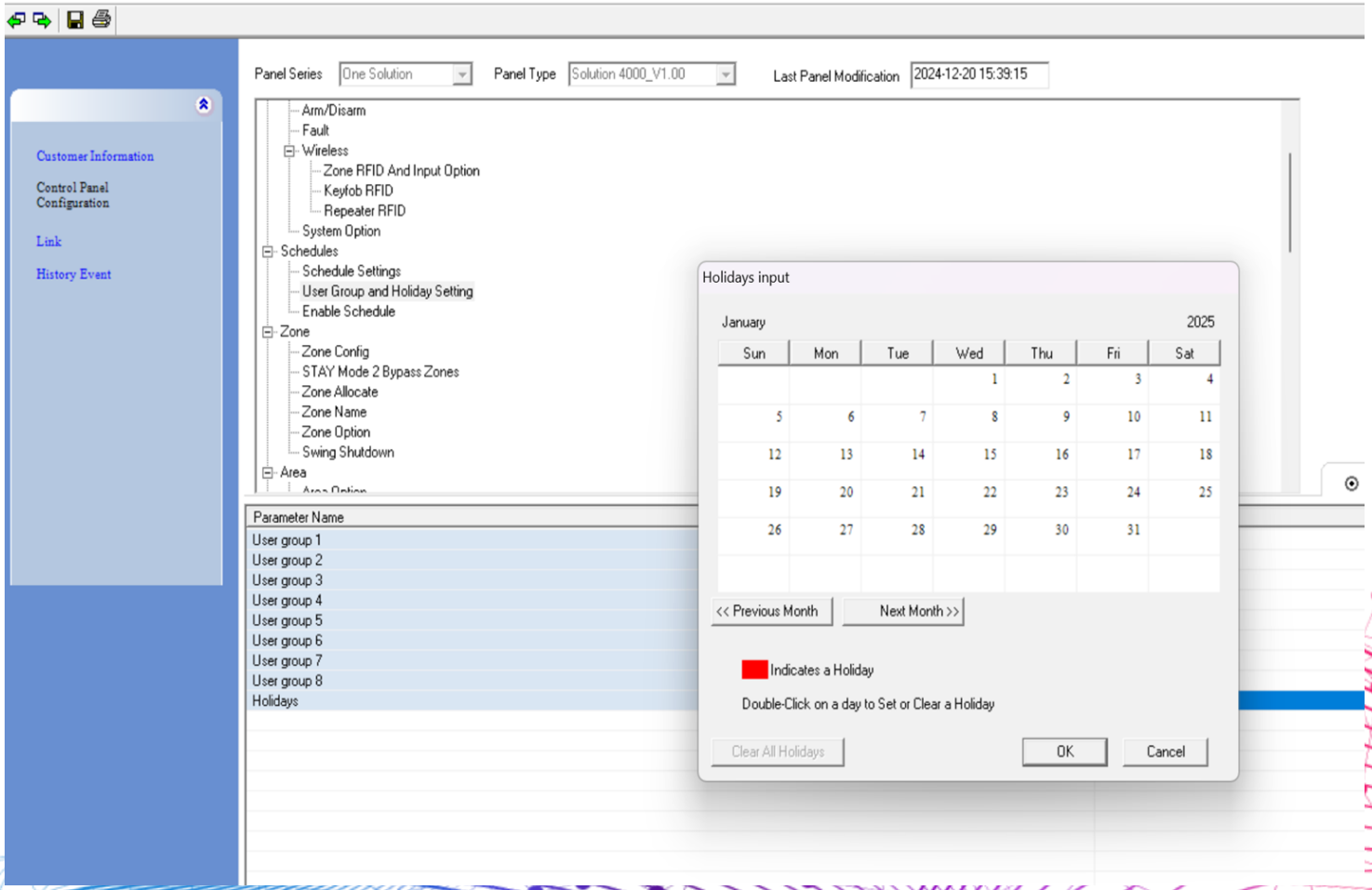
The Holiday schedule is also setup in this area.

- Select **[View in Setting]** section of the **Holidays** section



Access Door Programming Via Alink Software

- Select the dates on the monthly calendar and select **OK** when done



Access Door Programming Via Alink Software

Enable Schedule

In the Option section, just enable the schedule number to activate that schedule

