Automation

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Introduction

What is HYYP Automation?
With the HYYP App you are able to trigger the outputs on your IDS X-Series alarm panel. These outputs can be wired to almost anything that requires electricity to operate.
Such as driveway gates, garage doors, lights, pool pumps, geysers, heating, and much more.

1.Set up Automation

The following will explain how to set up automation from start to finish, using a driveway gate on output 5 as an example.

1.1. Clear Output

Before you start wiring your device to the output you MUST make sure any events programmed to that output is cleared. *Imagine you press the panic and your gate opens.*
By default the 5 onboard outputs are pre-programmed to the following:

Output	1	2	3	4	5
Event	Panic	Burglary	Arm/Disarm	Fire	Medical

Clear output 5:

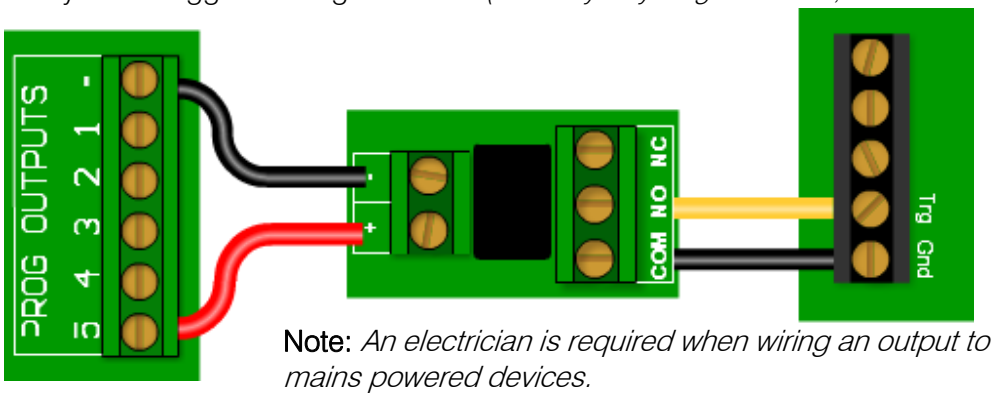
Enter Installer programming	[Installer Code] [*]
Go to location for the Medical event	[4] [0] [3] [*]
Enter partition number	[Partition No.] [*]
Disable output action	[0000] [*]
Exit programming	[#]

See section 3 for a list of all X-Series output addresses. Refer to your X-Series Installer Manual for event locations and programming.

1.2. Wire Output

If you are using an output on the IDS X-Series panel that has a positive trigger (supplies12v) then you will need a relay between the output and the device you want to trigger.

Wire output 5:
Wire output 5 to the power/trigger of the relay.
Wire the relay to the trigger of the gate motor. *(This may vary on gate motors, check the manual)*



Note: *An electrician is required when wiring an output to AC mains powered devices.*

1.3. Test Output

It's a good idea to test the output to see that the wiring is correct and operational. This way when you add it to your HYYP Home app you know the output works.

Trigger output 5:

Enter Mode menu	Hold [Mode] until it beeps
Scroll to Output Control	[Panic>>] [Panic>>] [*]
Go to output 5	[5] [*]
Turn on output 5	[*]
Turn off output 5	[*]

The gate should have opened.

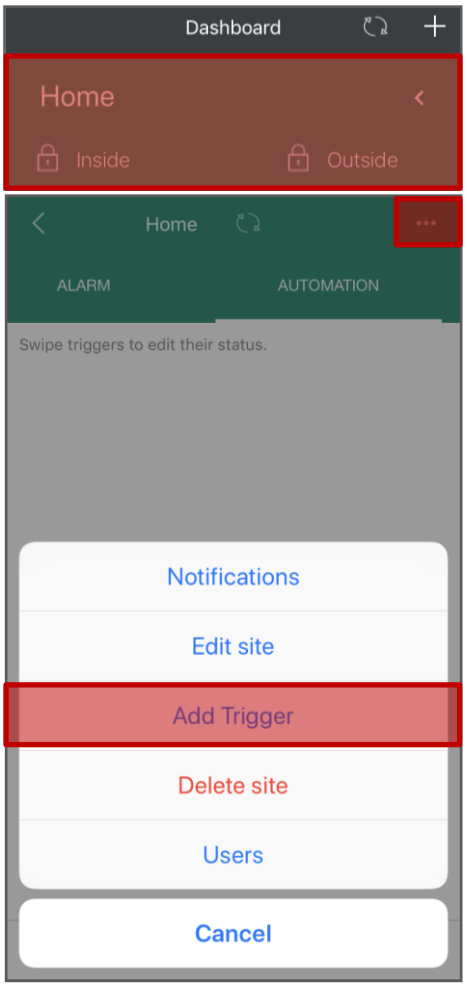
1.4. Add to HYYP

Now that everything is wired correctly you can add the output to the HYYP Home app. You just need to add the output once and it will be saved to the app to trigger whenever you need it.

Add output 5:

Go to the site on your HYYP Home Dashboard

Select the Menu icon and select Add Trigger



Fill in the details:

Name – Easily recognisable name

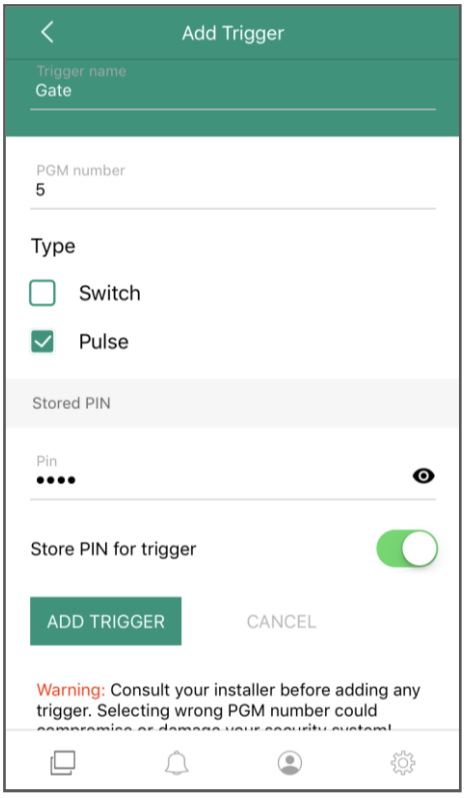
PGM number – Output number

Type – Switch turns an output on and off
Pulse turns an output on for a period of time
(Usually used for gates and doors)

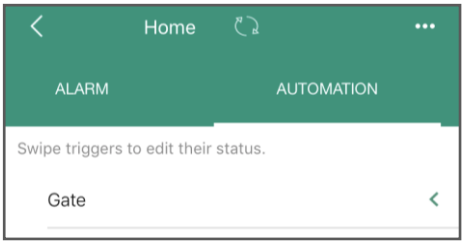
PIN –A valid user code

Store PIN – Save PIN so you don't have to enter it every time

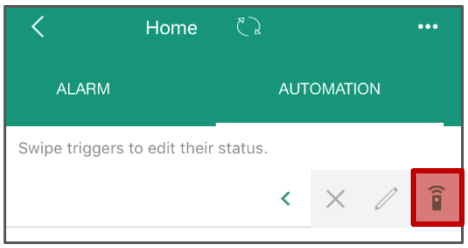
ADD TRIGGER – To save trigger



The trigger should now be on your Automation tab



To open the gate simply swipe the trigger to the left and select the pulse icon.



2.Xwave²

You can further utilise HYYP automation by using the Xwave² system with your IDS X-Series panel. This gives you the use of a wireless output with the Xwave² I/O Module. The I/O Module does require 12vDC but is not wired back to the panel, making it perfect for devices such as gates, doors and pool pumps. All you need is an Xwave² Hub and an Xwave² I/O Module.

3. Output Addresses

The IDS X-Series can support up to 57 programmable outputs. The table below lists all output numbers and linked X-Series peripheral hardware device.

Number	Physical Outputs
00	Disabled
01	Onboard output 1
02	Onboard output 2
03	Onboard output 3
04	Onboard output 4
05	Onboard output 5
06	Zone expander 1 output 1
07	Zone expander 1 output 2
08	Zone expander 2 output 1
09	Zone expander 2 output 2
10	Zone expander 3 output 1
11	Zone expander 3 output 2
12	Zone expander 4 output 1
13	Zone expander 4 output 2
14	Zone expander 5 output 1
15	Zone expander 5 output 2
16	Zone expander 6 output 1
17	Zone expander 6 output 2
18	Output expander 1 output 1
19	Output expander 1 output 2
20	Output expander 1 output 3
21	Output expander 1 output 4
22	Output expander 1 output 5
23	Output expander 1 output 6
24	Output expander 1 output 7
25	Output expander 1 output 8
26	Output expander 2 output 1
27	Output expander 2 output 2
28	Output expander 2 output 3

Number	Physical Outputs
29	Output expander 2 output 4
30	Output expander 2 output 5
31	Output expander 2 output 6
32	Output expander 2 output 7
33	Output expander 2 output 8
34	Keypad 1 output
35	Keypad 2 output
36	Keypad 3 output
37	Keypad 4 output
38	Keypad 5 output
39	Keypad 6 output
40	Keypad 7 output
41	Keypad 8 output
42	I/O Module zones 1-4
43	I/O Module zones 5-8
44	I/O Module zones 9-12
45	I/O Module zones 13-16
46	I/O Module zones 17-20
47	I/O Module zones 21-24
48	I/O Module zones 25-28
49	I/O Module zones 29-32
50	I/O Module zones 33-36
51	I/O Module zones 37-40
52	I/O Module zones 41-44
53	I/O Module zones 45-48
54	I/O Module zones 49-52
55	I/O Module zones 53-56
56	I/O Module zones 57-60
57	I/O Module zones 61-64

NOTE: The Xwave^2 I/O Module output number is based on what zone that I/O Module is learnt to.