

Revision: 1.01

<https://iot-portal.com> Yes

<https://iot-portal.com/app> Yes

Mobile: Yes

Desktop: Yes

Play Button: Operating Output using Inputs

Events are typically generated by switches, sensors or voltage sources connected to the input terminals. They can also be generated by keypads, tag readers and certain internal processes such as a device reset.

Any event can be used to operate an output relay (or transistor). The operation can be to activate the output, to de-activate the output, to operate the output for a set time period or to toggle the output between states.

Each output can be controlled by numerous events internal to the controller. For example, a valid tag presented to a RFID tag reader generates an event which can be used to activate an output.

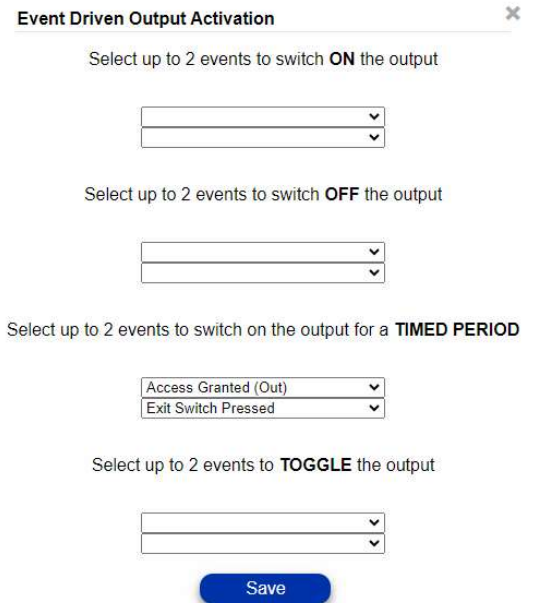
The activation can either be a timed period, an 'on' activation, an 'off' activation or a toggle activation (on, off, on of etc...).

Each activation type can have 2 trigger events.

These settings can be viewed from the Live Screen by pressing the 'Play' button on each output card.

Output 1 (#) is shown to the right displaying the default setup for an access control controller. A valid tag presented to the 'Out' reader will make the output operate for a timed period along with input 1 going low (renamed to Exit Switch Pressed).

Should the installer wire the reader and output connected to separate doors, it would be a simple case of changing the timed event on each output to fix it.



Event Driven Output Activation [X]

Select up to 2 events to switch **ON** the output

[Dropdown] [Dropdown]

Select up to 2 events to switch **OFF** the output

[Dropdown] [Dropdown]

Select up to 2 events to switch on the output for a **TIMED PERIOD**

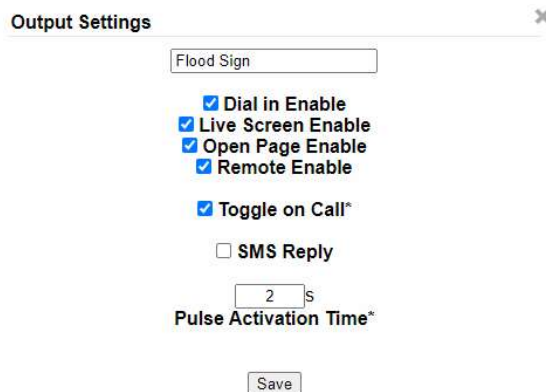
[Access Granted (Out)] [Dropdown]
[Exit Switch Pressed] [Dropdown]

Select up to 2 events to **TOGGLE** the output

[Dropdown] [Dropdown]

Save

Timed Events



Output Settings [X]

Flood Sign

Dial in Enable
 Live Screen Enable
 Open Page Enable
 Remote Enable

Toggle on Call*

SMS Reply

[2] s
Pulse Activation Time*

Save

The time period the output is activated for by a 'TIMED PERIOD' event is set in the 'Output Settings' modal. This is accessed from the Live Screen by clicking the 'gear wheel' icon on the output card. This setting is saved to the device so it requires the device to be switched on and connected to the portal.

Limitations

Play events requires firmware 8.01R026 or later or 8.02R011 or later.

Security

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Threats to Existing Installations and Recommended Testing

Play events were implemented fully in 8.02R011/8.01R026. Prior to this, the input invert memory location conflicted with the current implementation. If the Live Screen displays inverted data, operate the Play Button and save blank events in order to fix the display.

Furthermore, request a firmware update by emailing: support@iot-portal.com