

## **INSOMNIAC CIA Configuration Application Note**

### **Overview**

This application note is for use with the INSOMNIAC Centralized Intelligent Access (CIA) system. It covers use and configuration of the system when a Gate, Door or other device needs to be configured to be opened during specific periods of time. Note that this configuration can also be used for other devices such as allowing a motion detector on an exterior door to only operate during specific periods of the day.

### **Information Required**

The following information is required in order to perform the configuration of the system.

- Which device/relay will be used to control the device?
- How long the device should be opened?

Configuring a system will utilize the following functions in Configuration

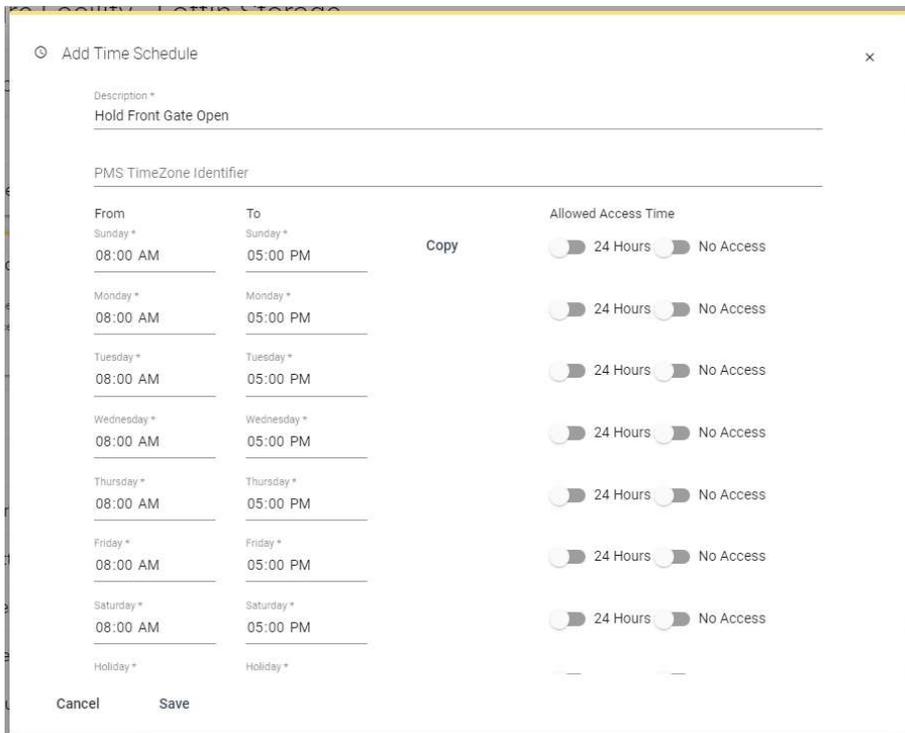
- Time Schedules
- Action Groups
- Triggers

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### Configuration Information

Log into the INSOMNIAC CIA Control Center with a user role of Regional Manager, Installer or STC Admin. Navigate to the property that you are wanting to configure and select Configuration. The example below demonstrates how to hold a Gate Open for a set period of time each day.

1. Create a Time Schedule for when the device should be opened.  
 In the Time Schedule specify the time that the relay should be energized and the time that the relay should be de-energized. Different Start and End Times can be scheduled for each day of the week. Make sure to give the Time Schedule a descriptive name, so it is easily recognizable. It is possible to use an existing Time Schedule which is assigned to tenants, creating a new Time Schedule will allow you to custom or change the function of the device without affecting tenants' access to the property. Note that if creating a specific Time Schedule, there is no need to assign a PMS Identifier since this will not be used for tenant access.



From	To	Copy	Allowed Access Time
Sunday * 08:00 AM	Sunday * 05:00 PM	<input type="checkbox"/>	<input checked="" type="checkbox"/> 24 Hours <input type="checkbox"/> No Access
Monday * 08:00 AM	Monday * 05:00 PM	<input type="checkbox"/>	<input checked="" type="checkbox"/> 24 Hours <input type="checkbox"/> No Access
Tuesday * 08:00 AM	Tuesday * 05:00 PM	<input type="checkbox"/>	<input checked="" type="checkbox"/> 24 Hours <input type="checkbox"/> No Access
Wednesday * 08:00 AM	Wednesday * 05:00 PM	<input type="checkbox"/>	<input checked="" type="checkbox"/> 24 Hours <input type="checkbox"/> No Access
Thursday * 08:00 AM	Thursday * 05:00 PM	<input type="checkbox"/>	<input checked="" type="checkbox"/> 24 Hours <input type="checkbox"/> No Access
Friday * 08:00 AM	Friday * 05:00 PM	<input type="checkbox"/>	<input checked="" type="checkbox"/> 24 Hours <input type="checkbox"/> No Access
Saturday * 08:00 AM	Saturday * 05:00 PM	<input type="checkbox"/>	<input checked="" type="checkbox"/> 24 Hours <input type="checkbox"/> No Access
Holiday *	Holiday *		

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2. Create an Action Group to control the relay.  
Configure the relay that is connected to the device, make sure to select the property device and relay.. The Dwell Period is the length of time that the relay should be energized in HH:MM:SS. Specify 24 Hours to ensure that the Action Group is always executed.

Specifying an Action Type of Log Message to cloud will generate an event that will displayed in the Event Log indicating that this Action Group has been executed. Generating a message that is displayed is helpful when troubleshooting or to notify the manager what is occurring at the property. It is not recommended to select Trigger from Dashboard, because this is not a function that a manager would typically utilize.

**Edit Action Group**

Action Group Description \*  
Hold Front Gate

Able to trigger from Dashboard:  No

Action Type	Device *	Relay *
Activate Relay	Gateway	Front Gate

Dwell Period *	Pre-Delay Period *	Time Schedule *
00:20:00	00:00:00	24-hour

Action Type *	Action Name	Time Schedule *
Log Message to cl...	Open Front Gate	24-hour

+ Add Relay Action Item    + Add Command Action Item

Cancel    Save

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3. Create a Trigger to initiate the Action Group.  
Create a Trigger that will execute the Action Group at the start of the Time Schedule. In the example below the Action Group Hold Front Gate will be executed at the start of the Open/Close Front Gate Time Schedule.

At the start of the Time Schedule the relay should be energized for the specified time.

⌚ Edit Trigger ×

Trigger Description \*  
Hold Front Gate

Trigger Type  
At start of Time Group ▼

Time Schedule\*  
Open/Close Front Gate ▼

Action Group\*  
Hold Front Gate ▼

Cancel Save

### Notes

- The At Start of Time Schedule Trigger will energize the selected relay and generate an event message.

⌚ 9/18/2018, 10:40 AM (Action Group Log Message)  
Details: LogMessage: Open Front Gate