

RoomMe Installation and Usage Guide



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chowmainsoft

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Overview

RoomMe Identifies who's in a room by Smart Phones and automates lights, temperature and other room settings to the people in it. RoomMe enables you to do magic in your home by creating personalized charms that trigger based on your room location, time and date, so room light, temperature and music are set to your pre-defined preferences.

You need to install a RoomMe sensor at the entrance of each room where personalized automation is desired. A minimum of two (2) sensors is required for proper operation.

Features

- Events
 - Room Enter
 - Room Exit
 - Battery Low
 - Powered Up
- Variables
 - **User Name** - The user's name. Use with Room Enter and Room Exit events to narrow down which user the event is tied to.
 - **Room Name** - The room's name. Use with Room Enter and Room Exit events to narrow down which room the event is tied to.
 - **Sensor ID** - The sensor's ID
 - **Last In Room** - Used to determine if the room is empty or not.
 - **In Control** - Used to determine if the person who entered / exited should be in control of the room.

Disclaimer

This driver is designed to be used with the RoomMe a system which detects presence via smart phone occupancy. Chowmain Ltd is not responsible for the accuracy of RoomMe as this is determined by the environment and if the user is carrying their smart phone.

Hardware Installation

Prior to installing the driver please make sure you follow the RoomMe installation guide and have the hardware installed and setup with rooms and users.

Sensor calibration is a must as this dictates the limits to the room.

For any hardware installation technical support please contact RoomMe support.

Setup

1. Add driver to project
2. Take note of the 'Control4 Server Address' as we will need to input this into the RoomMe smart phone application.

NOTE: It is recommended that Director be placed on a static IP Address or IP reservation to ensure that the IP Address does not change.

Control4 Server Address	http://172.16.16.21:48406/
-------------------------	----------------------------

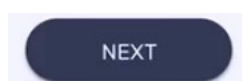
3. Launch the RoomMe application on your iOS or android device.
4. Click on Smart Devices



5. Under Systems select External Link



6. Click on Next



7. It will now ask you to 'Enter remote address'. Type in the 'Control4 Server Address' we noted down earlier

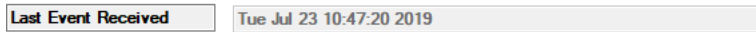


8. Click on 'SAVE'

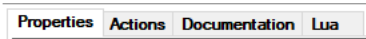


9. Assign the device to a room in the app.

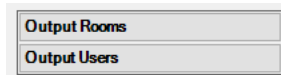
10. The Control4 driver should now have the 'Last Event Received' field updated.



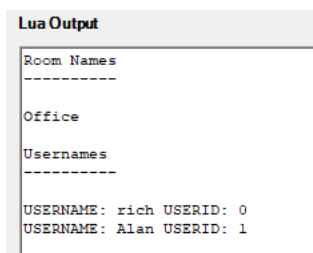
11. To verify it is working click on the 'Actions' tab



12. Then Select 'Output Rooms' and 'Output Users'.



13. Click on the 'Lua' tab and you will see the database output under the 'Lua Output' window



14. Take note of the room names and usernames / ID's as we will use these later on in programming (note this is case sensitive).

15. Walk in and out of the room to make sure that data is being received by the driver. You can verify this by checking the properties of the driver.



Programming based on Room Entry / Room Exit

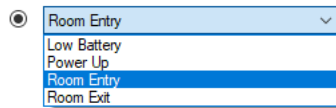
IMPORTANT – Before undertaking the following steps please make sure you have completed the section labelled 'Setup'

1. Launch the Composer Pro application and connect to your project
2. Click on the Programming tab

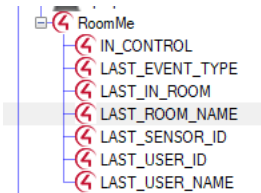


3. In the Device Events side of the screen (left). Highlight the RoomMe Driver.

4. Select the event you want to program against from the dropdown box.

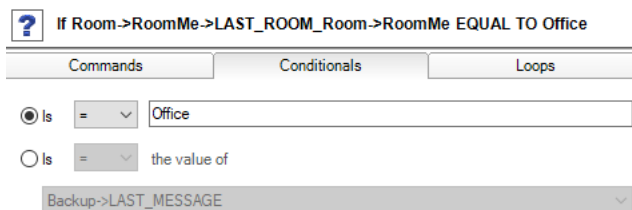


5. Under the Device Actions side of the screen expand the RoomMe driver



6. Select LAST_ROOM_NAME and select the Conditionals Tab

7. Type in the room name that you want to limit the programming actions to



8. Drag the question mark into the script.

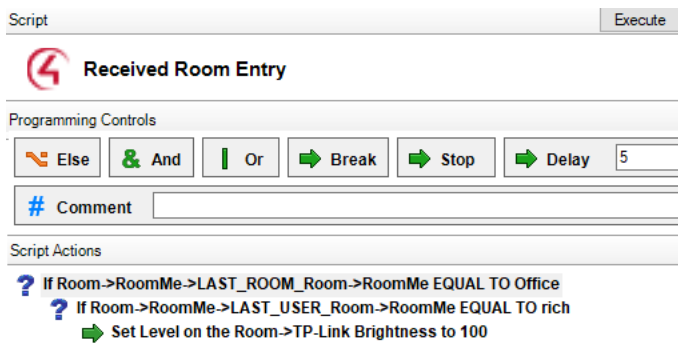
9. Select LAST_USER_NAME and select the Conditionals tab.

10.Type in the user name that you want to limit the programming actions to.

11.Drag the question mark over the first condition in the script.

12.Lastly drag in the desired action into the script.

13.Your script should look something like this.



14.Notice how each statement is nested. This means that it will only execute if the condition is true.

15.Repeat for each room and user.

16.Congratulations you have programmed the RoomMe driver for Control4.

FAQ

Why is this product exciting?

Room occupancy can now be achieved per person for Control4 using the RoomMe product with room entry, room exit events and more. Prioritise individuals, get a notification when the last person has exited the room and more.

Where can i purchase the hardware?

Find out more about RoomMe and get the device from the link below.

<https://www.getroomme.com/>

Do you offer showroom discounts?

We offer dealers a free showroom licence for demonstration and educational purposes. See link below for T&C's and signup procedure.

[Chowmain Dealer Showroom FAQ](#)

I want to try this driver out before buying it?

All Chowmain drivers for Control4 come with a 90 day trial.

Licensing

- How does the trial period work?

All Chowmain drivers are free to use for a set trial period. When the trial expires the driver will cease to function until you purchase a licence and apply it to the driverCentral project.

- Where do I buy a Licence from?

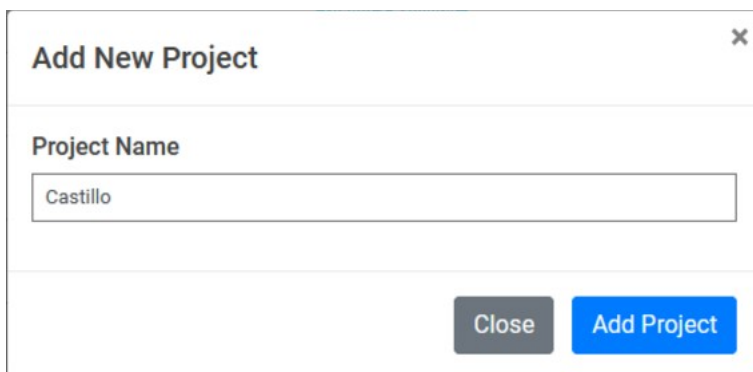
This driver is developed by Chowmain software & Apps and is distributed by driverCentral, Inc
<https://www.drivercentral.io/chowmain-ltd>

To purchase a driver:

1. On driverCentral, purchase a license and register it to your project
2. If the driver is not already installed in your project, download it and install it
3. If necessary, use the cloud driver's Action: "Check Drivers" to force the licence to download into the project


Creating a Project on Driver Central

1. Visit <http://www.drivercentral.io>
2. Log into your driver Central dealer account
3. Click **Portal**
4. Click **New Project**
5. Enter the project name

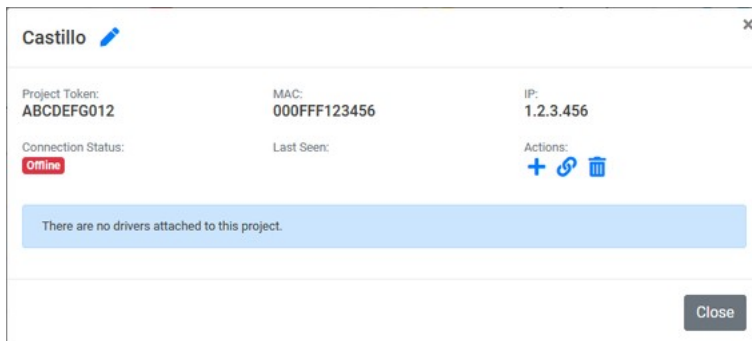


The screenshot shows a modal window titled "Add New Project" with a close button in the top right corner. Below the title, there is a label "Project Name" and a text input field containing the text "Castillo". At the bottom of the modal, there are two buttons: a grey "Close" button and a blue "Add Project" button.

6. Click **Add Project**
7. Click on the project we just created

Project	Status	Created
 Castillo	Unassigned Project	1999-12-31 23:59:56

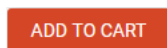
- Take note of the **Project Token** as this will be used later when we install the Cloud Driver



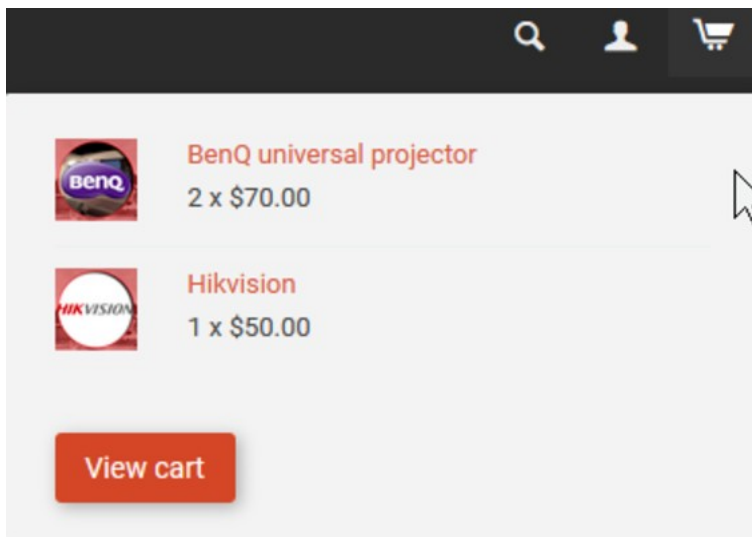
- Click **Close**

Purchasing a Driver Licence

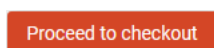
- Visit <https://www.drivercentral.io/chowmain-ltd/> and find the product/driver you want to purchase a licence for
- Click on **Add to Cart**



- Now click the shopping cart icon (top right) and click **View cart**




- Confirm that your order is correct and click on **Proceed to checkout**




- Choose your payment option, provide the relevant details and click **Place order**

Checkout



Paypal
Paypal, or Credit Card...



Credit Card
Visa, Mastercard, etc...

☐ Select this check box to accept the [Terms and Conditions](#)

☐ [Subscribe to our newsletter](#)

Place order (\$190.00)

6. You will now be at a page where you can see your purchased licence

License Name	License Key	Project Assigned	Action
[REDACTED]	[REDACTED]	[REDACTED]	Assign to Project

7. From here assign the licence to the project we created or if you did not follow that step create a new project

×

License Assignment for

221

×

Assign License to Existing Project

Select Existing Project:

New Project (enter project name below)

▼

Or...

Create a new project

Enter New Project Name

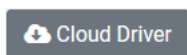
Enter email for Installer Notifi

Are you sure you want to do this?

Assign License to Project?

Install the driverCentral cloud driver

1. Visit <http://www.drivercentral.io>
2. Log into your driver Central dealer account
3. Click **Portal**
4. Click **Cloud Driver**



5. Copy the C4Z driver to My Documents\Control4\Drivers directory
6. Add the driver to your project
7. Click on the driver to view it's properties

Cloud Status	Please enter cloud project token below...
Project Information	(1) Total, (0) Licensed, (0) Trials, (1) Expired, (0) Updates.
Driver Version	1001
Project Token	<input type="text"/>
	Project token from driverCentral.io project portal
Driver Actions	<input type="button" value="v"/>
Debug Mode	Off <input type="button" value="v"/>

8. Type in the project token we took note of earlier
9. Click **Actions** tab
10. Click **Check Drivers**

Install Chowmain driver

1. Install the Chowmain driver
2. You will notice that the Activation Status reflects a Licence Activated state
3. Any driver that does not have a purchased licence will have a trial licence activated via the marketplace
Note that there is no way to reactivate the trial so please use wisely
4. If you do not then press the Check Drivers action in the driverCentral Cloud driver again

Activation Status	Update Available!!! License Activated
Driver Version	1002
Driver Information	Navigate to connections tab and make serial binding
Automatic Updates	Off <input type="button" value="v"/>

Developer Information



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Information stated in this document is current as of July 2020 and may change. For latest information please visit <http://www.chowmainsoft.com>

Support

Phone Support

Want to talk to us? We have 3 dial in numbers and two support desks that span multiple timezones.

Support Center	Hours of Operation	Phone Number
Australian Support Desk	8:30AM – 5:00PM Australian Eastern Time	+61 3 9028 6999
New Zealand Support Desk	10:30AM – 7:00PM New Zealand Time	+64 9 889 4000

Online Chat

Prefer to chat to us online? We also offer live chat at our American support desk.

Support Centre	Hours of Operation	URL
American Support Desk	8:30AM – 4:30PM Mountain Time	https://help.drivercentral.io/

Support Ticket Submission

Submit a ticket and get a response within the hour from our support desk during the hours of operation or next day if out of hours

Support Centre	Hours of Operation	URL
American Support Desk	8:30AM – 4:30PM Mountain Time	https://help.drivercentral.io/

Change Log

Version #20221205 - 05-DEC-2022

- Improve Troubleshooting and Diagnostics
- Low Level Optimisations. Requires Controller Reboot to take effect
- Improve Documentation

Version #20211112 - 12-NOV-2021

- Further Improve Debugging

Version #20211005 - 05-OCT-2021

- Improve Debugging

Version #20190723 - 23-JUL-2019

- Developed Started