

IFTTT Installation and Usage Guide



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Overview

IFTTT (an abbreviation of "If This Then That") is a free web-based service that allows users to create chains of simple conditional statements, called "recipes", which are triggered based on changes to other web services and products.

IFTTT integration into Nice Home Management allows Nice Home Management to control any of the products or services integrated into IFTTT and have those products also control Nice Home Management.

This expands the integration of Nice Home Management to support numerous functions that it natively does not do. We have listed a few examples of what integration can bring to Nice Home Management below and have also stepped through programming some of the ones we feel are useful to a lot of people. Note that this is a small list of things we liked. There are a lot of other things you can do currently (with lots more coming in future to IFTTT) so we suggest you check out the channels on the IFTTT website.

We are keen to hear about what cool things you have done with the driver. Let us know via twitter, email or forum post.

Examples

These are some examples of what you can achieve with IFTTT integration to Nice Home Management via the Chowmain IFTTT maker driver.

Outbound Examples (Nice Home Management -> IFTTT)

- Nice Home Management can send SMS's via your Android phone (IF app must be downloaded to the phone)
- Nice Home Management can call your phone number and say a message (for security alarms, smoke alarms and other emergencies).
- Nice Home Management can save data about the events in your home in google docs or dropbox.
- Nice Home Management can save data about the events in your home to IFTTT's daily or weekly email digest.
- Nice Home Management can send emails and push notifications.
- Nice Home Management can send Skype messages
- Nice Home Management can send Google Glass notifications (with Message, Image URL and URL fields).
- Nice Home Management can send notifications to your Android wear device (requires IF app installed).
- Nice Home Management can send your BMW (Connected Drive Compatible) a message on your car's front screen display (120 characters limited)
- Nice Home Management can find lost items (needs tags) or phones (call your phone).
- Nice Home Management can send your Tesla (EVE enabled) a message (with subject, message and message type fields) on your car's dashboard
- Nice Home Management can turn on or off your GE Smart Appliance and more.

- Nice Home Management can tell your Android phone to turn on/off Bluetooth or wifi (might be useful when you're leaving or coming back home).
- Tell the world via Facebook what your home is upto (might not be a good idea).
- When batteries are low on your sensors add a reminder to your IOS reminders app.

Inbound Examples (IFTTT -> Nice Home Management)

- Use your Apple Watch or Android Wear device to control Nice Home Management.
- Amazon Alexa (Amazon Echo, Tap, etc) and Google Assistance (Home and Pixel) can send commands to Nice Home Management via voice recognition to do things like turn lights on, play music, house off and more.
- Nice Home Management can pause your music and videos when you answer your phone (android only)
- Nice Home Management can detect if a specific person has entered or left a room/zone using beacons.
- iOS Location and Android Location (via the IF app) can tell Nice Home Management when you are approaching or leaving home.

Features

Outbound Examples (Nice Home Management > IFTTT)

- Control your white good appliances such as ovens, dish washers, washing machines, dryers and robot vacuum cleaners
- Nice Home Management can send SMS's via your Android phone (IF app must be downloaded to the phone)
- Nice Home Management can call your phone number and say a message (for security alarms, smoke alarms and other emergencies).
- Nice Home Management can save data about the events in your home in google docs or dropbox.
- Nice Home Management can save data about the events in your home to IFTTT's daily or weekly email digest.
- Nice Home Management can send emails out
- Nice Home Management can send push notifications out
- Nice Home Management can send Skype messages
- Nice Home Management can send Google Glass notifications (with Message, Image URL and URL fields).
- Nice Home Management can send notifications to your Android wear device (requires IF app installed).
- Nice Home Management can send your BMW (Connected Drive Compatible) a message on your car's front screen display (120 characters limited)
- Nice Home Management can find lost items (needs tags) or phones (call your phone).
- Nice Home Management can send your Tesla (EVE enabled) a message (with subject, message and message type fields) on your car's dashboard
- Nice Home Management can turn on or off your GE Smart Appliance and more.
- Nice Home Management can tell your Android phone to turn on/off Bluetooth or wifi (might be useful when you're leaving or coming back home).
 - Tell the world via Facebook what your home is upto (might not be a good idea).

INBOUND EXAMPLES (IFTTT > Nice Home Management)

- Get the on/off state of your white good appliances such as ovens, dish washers, washing machines, dryers and robot vacuum cleaners
- Amazon Alexa (Amazon Echo, Tap, etc), Microsoft Cortana or Google Assistant (Home, Pixel) can send commands to Nice Home Management via voice recognition to do things like turn lights on, play music, house off and more.
- Nice Home Management can pause your music and videos when you answer your phone (android only)
- Nice Home Management can detect if a specific person has entered or left a room/zone using beacons.
- iOS Location and Android Location (via the IF app) can tell Nice Home Management when you are approaching or leaving home.

- Send a warning to Nice Home Management when something has been picked up or moved (needs wireless tag)
- Your BMW (Connected Drive Compatible) can tell Nice Home Management when it is entering or exiting an area.
- Your EVE enabled Tesla car can tell Nice Home Management when it has arrived home, is leaving home or on the way home.
- Your Automatic, Zubie or Dash enabled car can tell Conrol4 when you have turned the car on or off within a certain area.
- Your GE, LG and Samsung Smart appliances can tell Nice Home Management when it has been turned on, off, if for example an oven timer is done, if there is a leak in the dishwasher, if the filter needs cleaning, if the dryer cycle has finished, if the fridge door has been left open for too long,
- Your Nest Protect smoke alarm can send Nice Home Management smoke emergency, warning and carbon monoxide emergencies
- Your Netatmo Welcome can tell Nice Home Management when a specific person, known person or even an unknown person has been seen or arrives home (facial recognition)
- Your Roost Smart Battery can tell Nice Home Management ol4 (via the announcement agent) when its battery is low (Great for smoke alarms).
- Control Nice Home Management via SMS or phone call to IFTTT.
- If the temperature (via weather forecast/conditions) changes in your area tell Nice Home Management to do something.
- Your Android phone can tell Nice Home Management when it has connected or disconnected to/from a specific Wifi network.
- Change the colours of your RGB LED's to your teams colour using the ESPN channel when the game starts.

FAQ

I want to try this driver out before buying it?

All Chowmain drivers for Nice Home Management comes with a 90 day trial.

Do you offer showroom discounts?

- We offer dealers a free showroom licence for demonstration and educational purposes. More information is available from the [Chowmain Website](#)

Setup

Requirements

- Nice Home Management Core 8.8.600 or later is required

Registering for the pushover notification service

Pushover is a notification messaging service that the driver utilises as middleware for messaging from IFTTT back to Nice Home Management. It provides us with a cloud service that the driver is consistently connected to so we can notify of a new command instantaneously.

In order for Nice Home Management to receive feedback you need to sign up for a pushover account. If you have one already you can utilise that account's credentials and Nice Home Management will add itself as a new device.

Pushover comes with a 7 day trial. If you want to continue to utilise the service after the 7 days you need to purchase a one-time licence for \$4.99 USD with no monthly fees.

1. Visit <http://pushover.net>
2. Click on Login or Signup
3. Follow the signup procedure to sign up for a new account (take note of the username and password as this is required for the driver setup).

Signup for a Pushover Account


For an easier registration process, download [Pushover for Android and iOS](#) and signup right from the app.

E-Mail Address:

Password:

Password (again):

☐ I'm not a robot


reCAPTCHA
[Privacy](#) - [Terms](#)

By signing up for an account, you agree to our [terms of service](#).

Signup

Purchasing your pushover service.

Pushover comes with a 7 day trial. If you want to continue to utilise the service after the 7 days you need to purchase a one-time licence for \$4.99 USD with no monthly fees. This gives you upto 7,500 messages per month until the first of the next month when the allowances reset. That is about 10 messages per hour. If

you think you will exceed this (which is doubtful) then you can purchase additional messages from the pushover website.

1. Visit <http://pushover.net>
2. Click on Login or Signup
3. When you log in you will see your Devices. Now that you have setup the driver you will notice that there is a ELAN_IFTTT device.

Your Devices (Add Your Mobile Device or Desktop) (View Your Licenses)

Name	Status	Last Synced	Messages Received/Pending
 ELAN_IFTTT T	Trial Period (Upgrade Now)	less than a minute ago	1 received, 0 pending

4. Click on Upgrade Now to purchase a licence
5. You will need to purchase a Desktop licence. Click on the visit our Desktop page link.



Desktop

Your account is **not licensed** for Desktop.

To purchase, [visit our Desktop page](#) and make a credit card or PayPal payment.

6. Click on the 'Purchase Pushover for Desktop' link and follow the prompts to buy a licence.

Licensing

To purchase a license for Pushover for Desktop for **\$4.99 USD**, click the button below. An invoice will be created that you can pay by credit card or PayPal.

[Purchase Pushover for Desktop](#)

7. Once you have finished paying go back to the main page and you will notice that the status has changed to enabled.

Your Devices (Add Your Mobile Device or Desktop) (View Your Licenses)

Name	Status	Last Synced	Messages Received/Pending
 ELAN_IFTTT T	Enabled	less than a minute ago	1 received, 0 pending

Registering for the IFTTT Service

Before setting up the driver we need to register for IFTTT and also obtain a key so that we can send commands to IFTTT from Nice Home Management to trigger programming for IFTTT integrated products and services.

1. Visit <http://ifttt.com>
2. Click on Sign Up

[Sign in](#)

[Sign up](#)

3. Complete the signup process either by using Google, Facebook or email address.
4. Follow through the wizard prompts until you finish the wizard

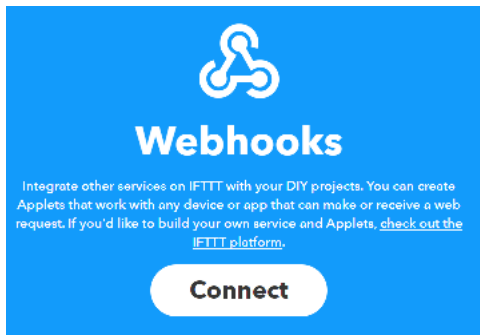
5. Click on Search

6. Click on the search bar and type in webhooks

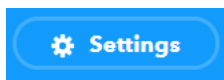
7. Click on the webhooks service



8. Click on the Connect button



9. Click on the Settings button



10. Take note of the key. This is the bit after <https://maker.ifttt.com/use/>



11. Alternatively you can visit the URL and it will advise you of the key

Account Info

Connected as: username

URL: <https://maker.ifttt.com/use/abcdefghijklmnopqrstuvwxyz>

Status: active



12. Proceed to the Configuration section

Configuration

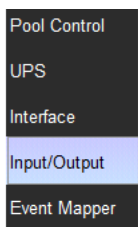
This driver will provide control and feedback for any IFTTT service. The driver requires a valid licence for use. Licences can be purchased online. Customers can also trial the driver out for 90 days prior to licence purchase. Dealers who have showrooms can demonstrate the driver for free via the Chowmain Dealer Showroom Licence. You can apply for this licence via the Chowmain website.

Please follow the steps below. If you encounter any issues please submit a support ticket.

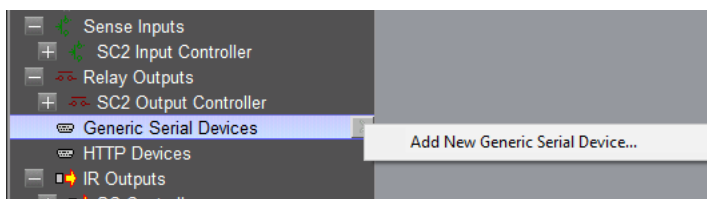
Installation Process

Once you have obtained the webhook key from your IFTTT account and have registered for a Pushover account please follow the steps below.

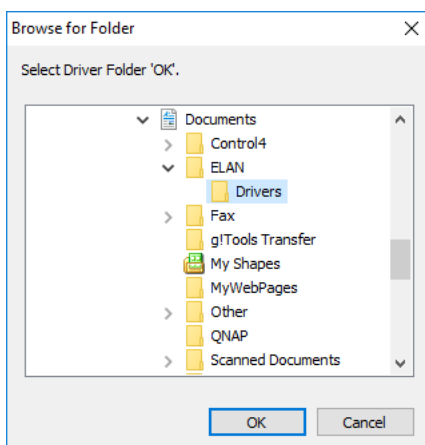
1. Download the latest version of the driver from our distributor driverCentral.
2. Extract the file to your preferred driver storage location.
3. In configurator click on the input/output tab



4. Click on the arrow next to Generic Serial Devices
5. Click on Add Generic Serial Device

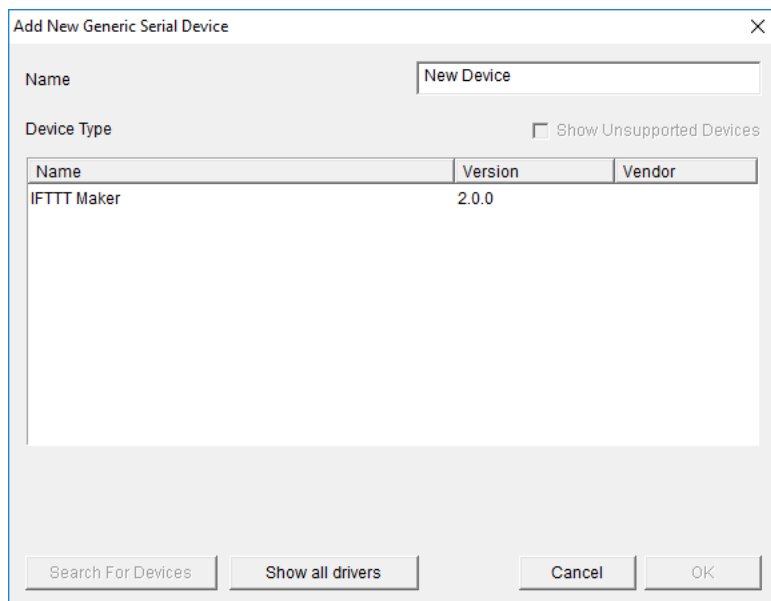


6. Click on the Search Folder button

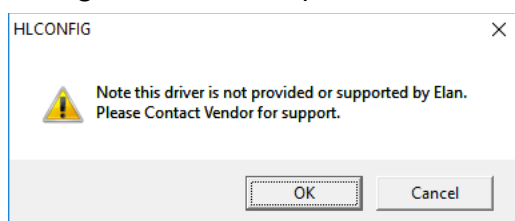


7. Select your driver folder and press ok

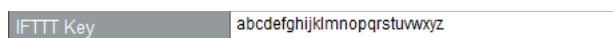
8. Select your IFTTT Maker driver and press ok



9. Configurator will warn you that the driver is not provided or supported by Elan/Nice. Click on OK.



10. Type in your IFTTT Key in the text field.

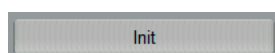


11. Type in your Pushover username and password here

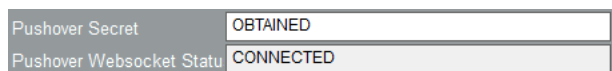
User Name	
Password	

12. Press Apply.

13. Press Init



14. If it is successful then the pushover secret field will change to OBTAINED and the websocket status will change to CONNECTED.



15. Congratulations you have successfully setup the IFTTT Maker driver for Nice Home Management.

We now need to program in some outbound and inbound commands. Please note, a licence purchase will be required to use this driver outside of the initial trial period

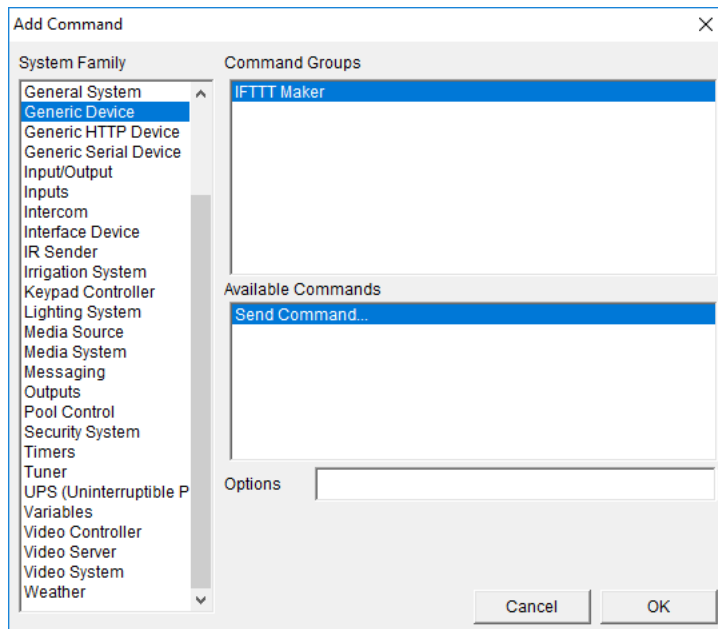
Programming Outbound Commands (Nice Home Management > IFTTT)

Nice Home Management can send commands to IFTTT to trigger devices or services. You will need to complete two parts of programming to achieve this. One part is in Configurator and the other part is in IFTTT.

Example 1 – Sending emails through IFTTT

Configurator Steps

1. Click on the 'Event Mapper' tab
2. Create an Event Map for the Event and Conditions you want.
3. For the command click on the Add Button.
4. Select the Generic Device System Family
5. Select IFTTT Maker for the Command Group



6. Open up the Nice Home Management IFTTT Command Generator html file.
7. For the Event type in the EMAIL
8. For Value 1 type in the email address
9. For Value 2 type in the subject
10. For Value 3 type in the body of the email

11. Press the Convert Button.

The screenshot shows a web browser window with the title 'ELAN IFTTT Send Comm: x'. The address bar shows a file path: 'file:///C:/Users/alan.chow/Google%20Drive/...'. The main content area is titled 'ELAN IFTTT Send Command Option Generator'. It contains four input fields: 'Event' with the value 'EMAIL', 'Value 1' with the value 'info@chowmainsoft.com', 'Value 2' with the value 'This is the subject field', and 'Value 3' with the value 'This is the body of the email'. Below these fields is a 'Convert' button. Under the button, a text box displays the generated JSON command:

```
{"Event": "EMAIL", "Value 1": "info@chowmainsoft.com", "Value 2": "This is the subject field", "Value 3": "This is the body of the email"}
```

. The bottom right corner of the application features the 'chowmain software & apps' logo with a bowl icon.

12. Copy the converted text and paste it into the Options box in Configurator

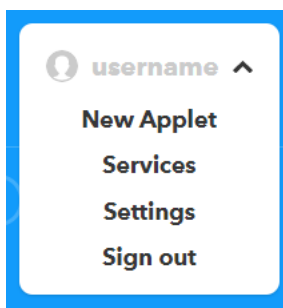
Options

13. Press the OK button

14. Click on Apply

IFTTT Steps

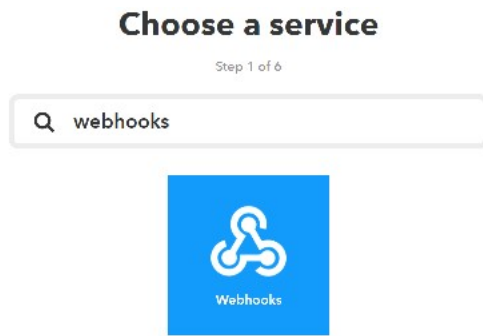
1. Log into the IFTTT website
2. Click on the arrow next to your username.
3. Click on New Applet



4. Click on this

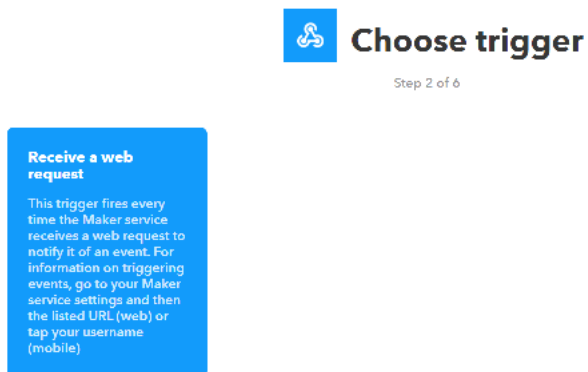
if  **this** **then that**

5. Search for webhooks

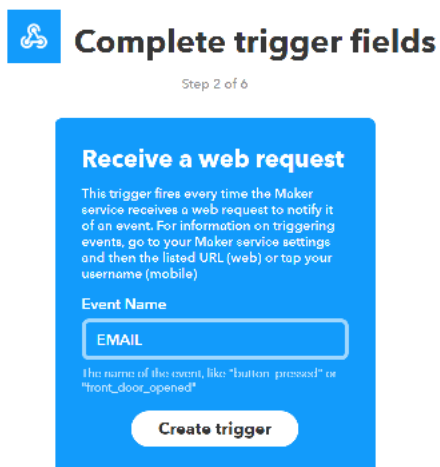


6. Click on the webhook service

7. Click on the trigger labeled 'Receive a web request'



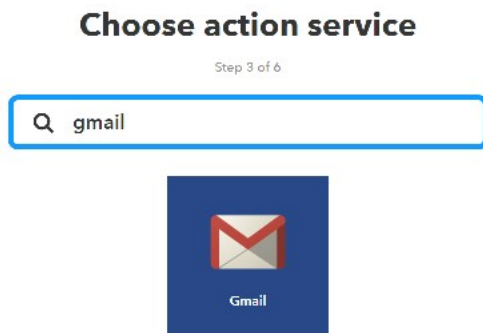
8. Type in EMAIL under Event Name



9. Click on that



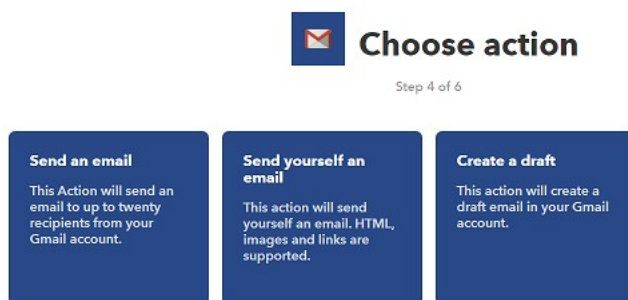
10. Search for gmail



11. Click on the Gmail service

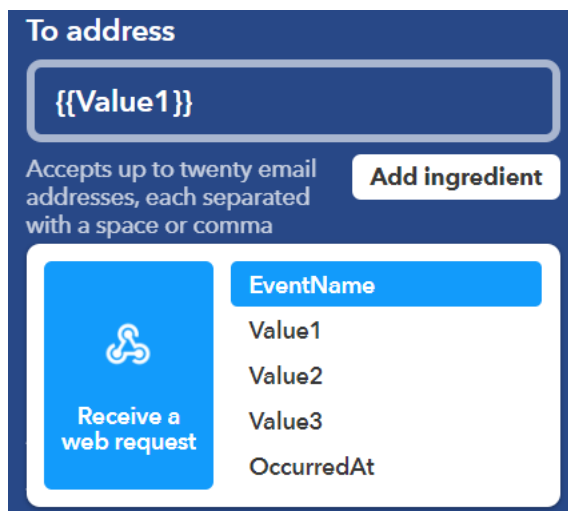
12. If you haven't already connect the Gmail up to IFTTT.

13. Select the action 'Send an email'



14. Click on Add ingredient for the To Address

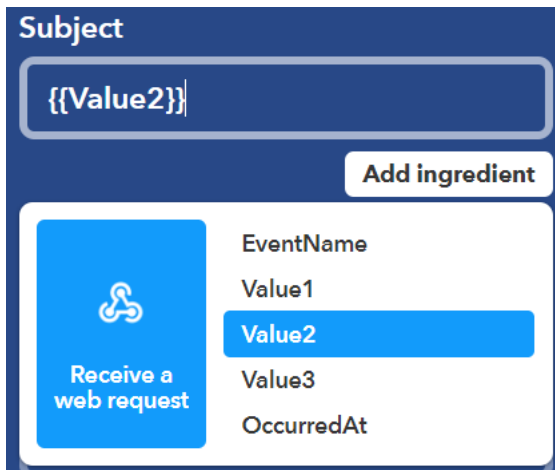
15. Select Value1



16. Clear the subject field

17. Click on Add ingredient for the Subject

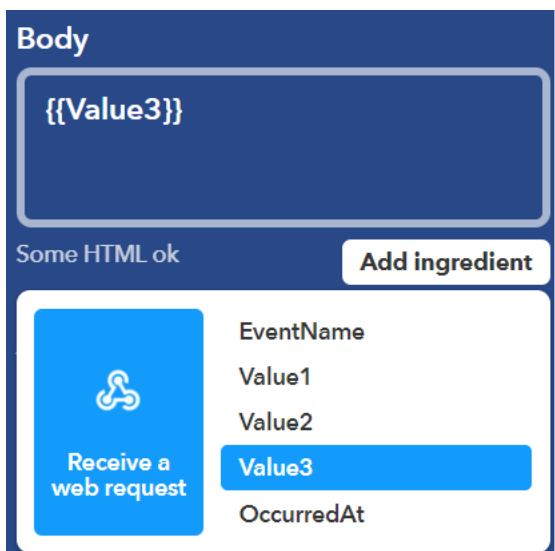
18. Select Value2



19. Clear the body field

20. Click on Add ingredient for the Body

21. Select Value3



22. Click on Create Action

23. Review your Applet and click on Finish.

24. Congratulations you have successfully setup email sending from Nice Home Management via IFTTT.

Test by executing your event.

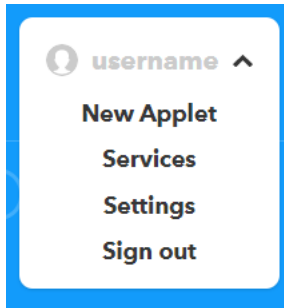
Programming Inbound Commands (IFTTT > Nice Home Management)

IFTTT can send commands to Nice Home Management to trigger programming on Nice Home Management to turn devices on/off, playback music, open doors or anything you can dream of. You will need to complete two parts of programming to achieve this. One part is in IFTTT and the other part is in Nice Home Management.

Example 1 – Using Google Home to turn your house off

1. Log into the IFTTT website
2. Click on the arrow next to your username.

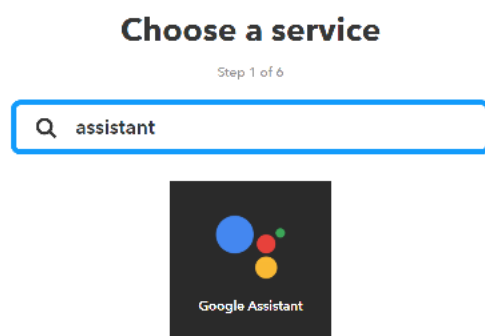
3. Click on New Applet



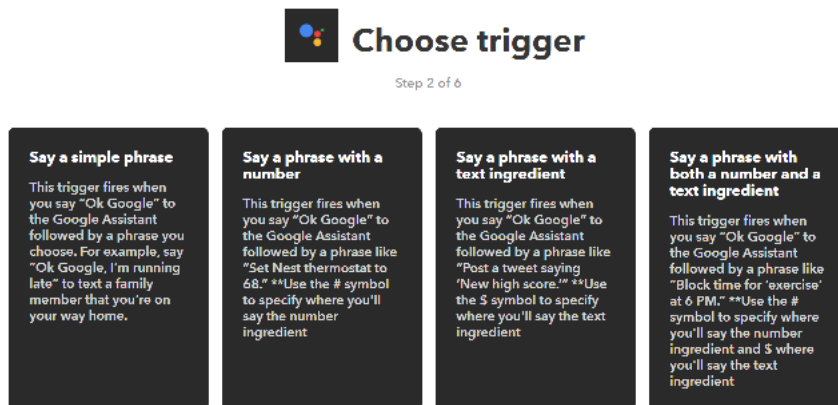
4. Click on this

if  this then that

5. Search for assistant



6. Click on Google Assistant
7. If you haven't already connect the Google Assistant upto IFTTT.
8. Choose the Say a simple phrase trigger



9. Type in the wording of the phrase and any alternative ways to say it. Eg house off, all off, turn the house off.

10.Type in the response from Google Assistant. Eg Ok. Turning everything in the house off.

Say a simple phrase

This trigger fires when you say "Ok Google" to the Google Assistant followed by a phrase you choose. For example, say "Ok Google, I'm running late" to text a family member that you're on your way home.

What do you want to say?

house off

What's another way to say it? (optional)

turn the house off

And another way? (optional)

all off

What do you want the Assistant to say in response?

Ok. Turning everything in the house off

Language

English

Create trigger

11.Click on Create trigger

12.Click on that


if  then  that

13.Search for the service pushover

Choose action service

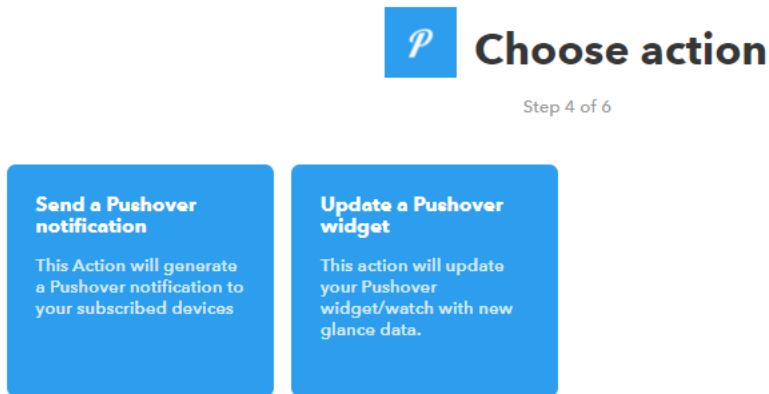
Step 3 of 6

Q pushover



14.Click on pushover

15. Click on the action 'Send a Pushover notification'



16. For the Title type in A

17. For the Message type in 1

Title
A
Add ingredient

Message
1
Add ingredient

18. For the Device select ELAN_IFTTT (If it is not there then you have not typed in your username and password correctly in configurator).

Device
ELAN_IFTTT
Send to a specific device on your account, instead of all

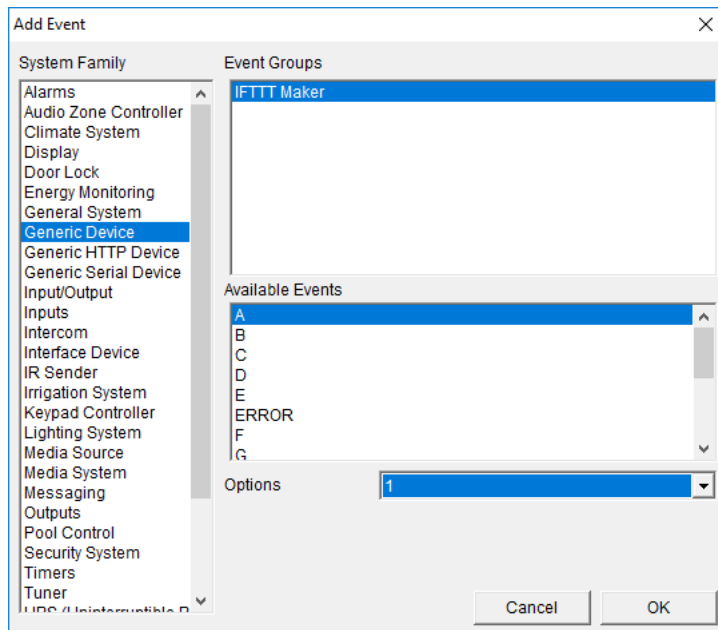
19. Click on Create action

20. Review your applet and click on Finish

Configurator Steps

1. Click on the 'Event Mapper' tab
2. Create an Event Map.
3. Click on Add under Event.
4. Select the Generic Device System Family
5. Select IFTTT Maker for the Event Group
6. Select A under Available Event

7. Select Option 1



8. Press Ok

9. Add in commands to turn the home off.

10. Click on Apply.

11. Congratulations you have created an All Off event map using Google Home. Test it out.

CONFIGURATION DETAILS

The following table provides settings used in Configurator when connecting to IFTTT service. Please refer to the Configurator Reference Guide for more details.

Variable Name	Setting	Comments
Activation Key	" User Defined" This is the driverCentral activation Key	See Note 1
Activation Status	" Auto Detect" This provides the licence status feedback	See Note 1
IFTTT Key	" User Defined" This is required for outbound communications (Nice Home Management > IFTTT)	
Pushover Secret	" Auto Detect" Will automatically change to OBTAINED when logged in	
Pushover Websocket Status	" Auto Detect" Should always be CONNECTED once the username and password has been set	
Last Pushover Title/Message	Will be one letter and one-two numbers	
Debug Mode	" User Defined" This sets the logging for the driver.	See Note 2
User Name	" User Defined" This is the pushover username. Required for inbound	

Variable Name	Setting	Comments
	communications (IFTTT > Nice Home Management)	
Password	"User Defined" This is the pushover password. Required for inbound communications (IFTTT > Nice Home Management)	

Notes:

1. The driver requires a valid licence for use. All of the licences are site licences. This means that you can use as many instances of the driver as you want in a single system with the one licence. The driver also comes with a 90 day trial. The driver will provide feedback as to the state of the licence in the Activation Status field.
2. Debug Mode – This is used for troubleshooting. By default it is set to off. print is used by technical support for live troubleshooting. log is used to output to the driver log. Print and log is used to provide technical support with live troubleshooting and log to driver log at the same time.

COMMON MISTAKES

1. The driver requires pushover for inbound communications. Please make sure that you have a valid licence and that the username and password is typed in correctly.

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?

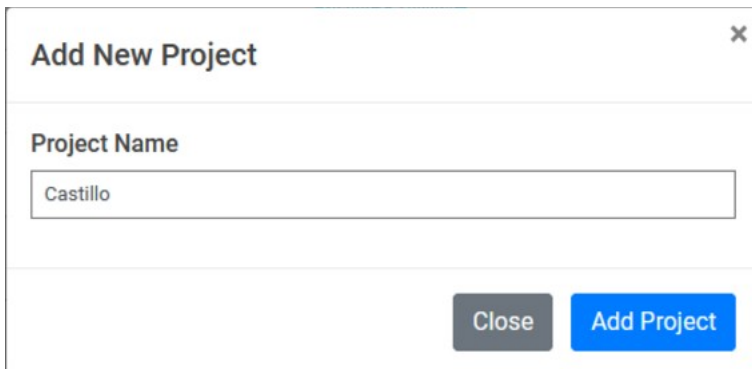
This driver is developed by Chowmain software & Apps and is distributed by driverCentral, Inc
<https://www.drivercentral.io/chowmain-ltd>

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

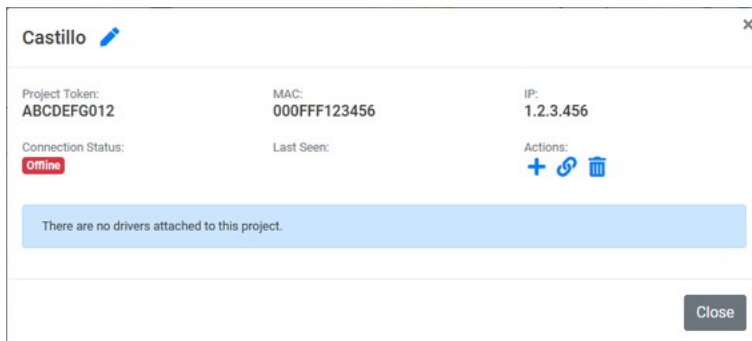


The screenshot shows a modal dialog box titled "Add New Project". Inside the dialog, there is a label "Project Name" above a text input field. The input field contains the text "Castillo". At the bottom right of the dialog, there are two buttons: a grey "Close" button and a blue "Add Project" button.

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



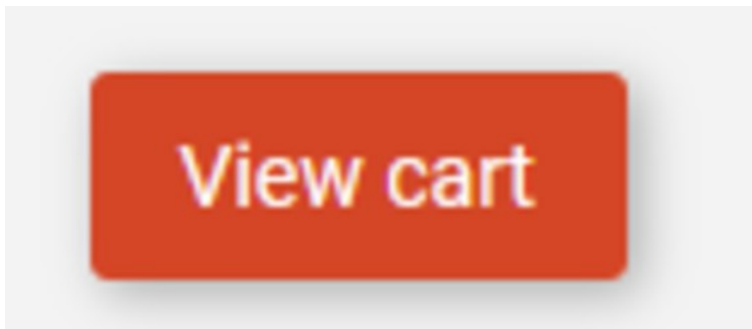
- Click **Close**

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**

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**

Proceed to checkout

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

Developer Information



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Support

Ticket / Live Chat Support

We provide ticket based support and live chat support for those who can't contact us via phone. Click the button below to visit our online helpdesk.

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

Phone Support

Support Center	Hours of Operation	Phone Number
Australian Support Desk	6:30AM – 5:30PM Australian Eastern Time	+61 3 9028 6999

Driver Documentation

All of our drivers come with detailed instructions on how to install and configure the driver for use in different projects. Please refer to the documentation included with the driver you downloaded, or [contact us](#) if you are unable to locate the documentation for your driver.

CHANGELOG

Version 2024.7.31 - 31-JUL-2024

- Modernise Backend
- Add Improved Troubleshooting and Submit Diagnostics support
- Upgrade Communication Stack

Version 2.1.6 - 27-APR-2021

- Resolved issues with trial licencing no activating.

Version 2.1.4 - 31-MAR-2020

- Fixed issue where lua was turning msgid number into scientific notation. This causes old messages to not delete.

Version 2.1.3 - 18-MAR-2020

- Fixed issue with init

Version 2.1.1 - 27-NOV-2018

- Updated to latest Chowmain library

Version 2.1.1 - 10-AUG-2018

- Fixed issue affecting parameters values not being included on webhooks.

Version 2.1.0 - 19-JUL-2018

- Updated to latest Chowmain library. Improvements over socket connections, timers, callbacks and more.