

# SONY TV APP LAUNCHER DRIVER FOR CRESTRON HOME

Revision: 1.00

Date: 28 February 2023

## LICENCING

Please visit <https://shop.ultamation.com/> to obtain a licence key for your Crestron processor. Each key can be used multiple times on the same Crestron Home processor.

## CRESTRON HOME ONLY

This document describes the configuration of Ultamation's Sony TV App Launcher driver for Crestron Home only. This driver is for quick and easy access to your favourite apps on your Sony TV.

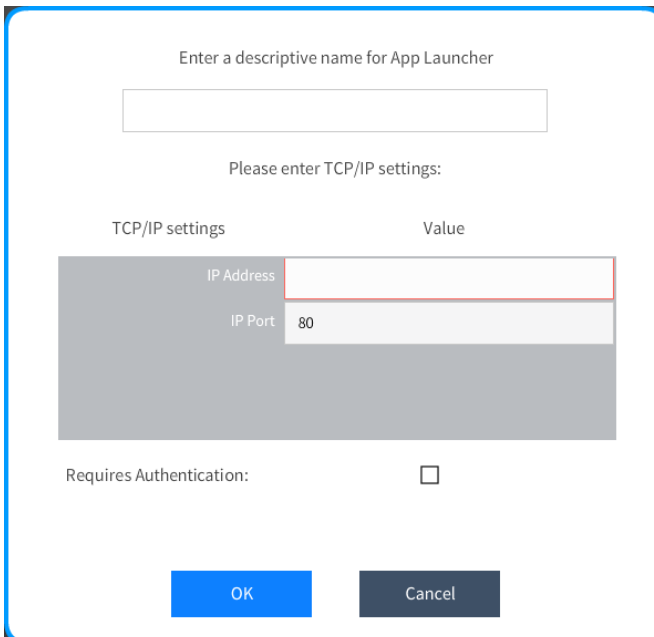
## SUMMARY - WHAT DOES THIS MODULE DO?

This module finds all the apps on the connected Sony TV and allows the user to choose their most frequently used. These can be launched straight from this module's main layout.

## MODULE DESCRIPTION

The App Launcher is available from the Crestron portal or within applications like Crestron Home and can be found under: Drivers > Display > Sony

### Adding the Tile



The dialog box is titled 'Enter a descriptive name for App Launcher' and contains a text input field. Below this is a section titled 'Please enter TCP/IP settings:' which contains a table with two columns: 'TCP/IP settings' and 'Value'. The table has two rows: 'IP Address' with an empty text input field, and 'IP Port' with a text input field containing '80'. At the bottom of the dialog is a checkbox labeled 'Requires Authentication:' which is currently unchecked. At the very bottom are two buttons: 'OK' and 'Cancel'.

TCP/IP settings	Value
IP Address	
IP Port	80

Ensure a room is selected, and then click on the '+' against the App Launcher driver item.

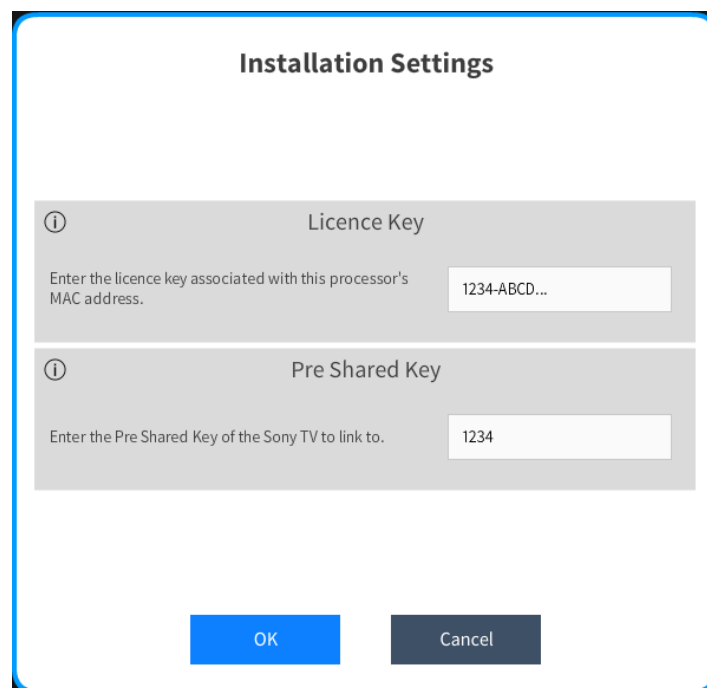
You will be asked to provide a descriptive name for the tile – this can be anything you wish.

You will also be asked to provide an IP address and IP port. This must be the IP address of the Sony TV. The port will normally be 80.

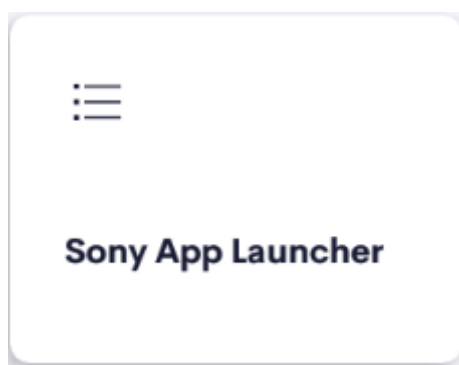
The device will be added to your system and you will be asked to enter some more settings. These settings provide the licence key to ensure that the integration will function after the initial one-hour trial period.

The first parameter will be the licence key that was emailed to you with your order acknowledgement. The same key should be used in each App Launcher tile in the system (though different Crestron Home systems will require different licence keys). If you do not enter a valid licence key here, the system will function for 1 hour and then control will be suspended. The licence key can be entered at any time after initial setup without having to reconfigure each tile.

The second parameter is the pre shared key. This can be found by going into the Sony TV's settings and then navigating to Network & Internet > Home network setup > IP control. Set Authentication to be "Normal and Pre-Shared Key", and then set the Pre-Shared Key. Enter this key into the installation settings.

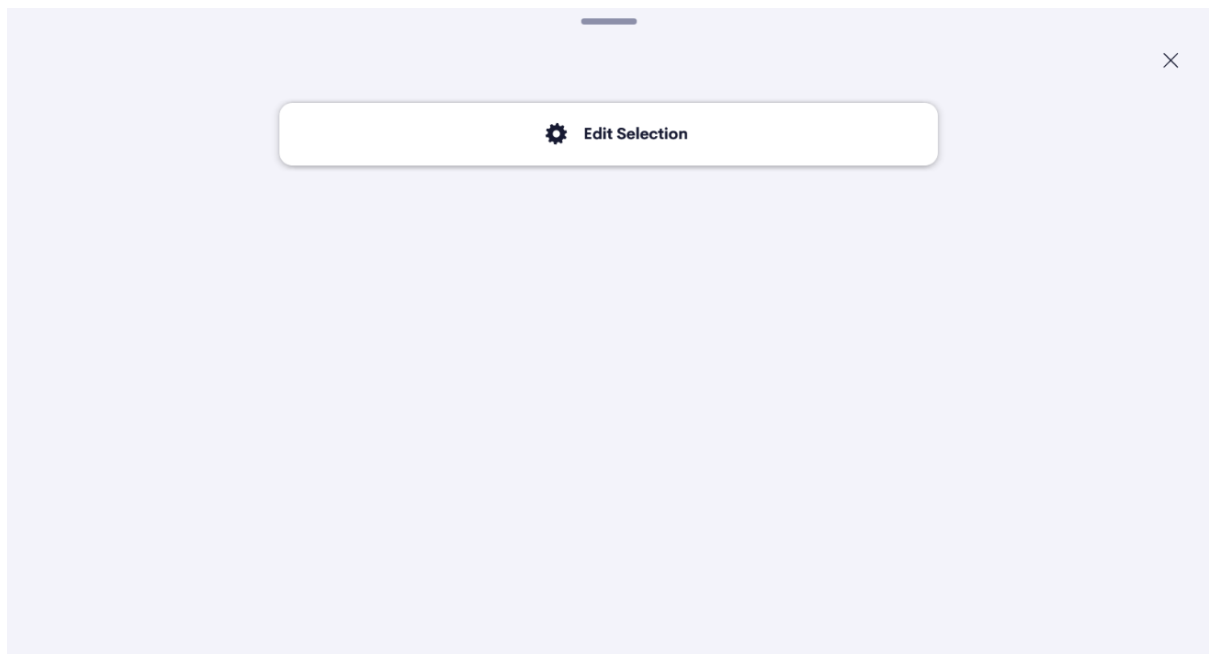


The image shows a dialog box titled "Installation Settings". It contains two input fields. The first field is labeled "Licence Key" and has a placeholder text "Enter the licence key associated with this processor's MAC address." with a value "1234-ABCD...". The second field is labeled "Pre Shared Key" and has a placeholder text "Enter the Pre Shared Key of the Sony TV to link to." with a value "1234". At the bottom, there are two buttons: "OK" and "Cancel".

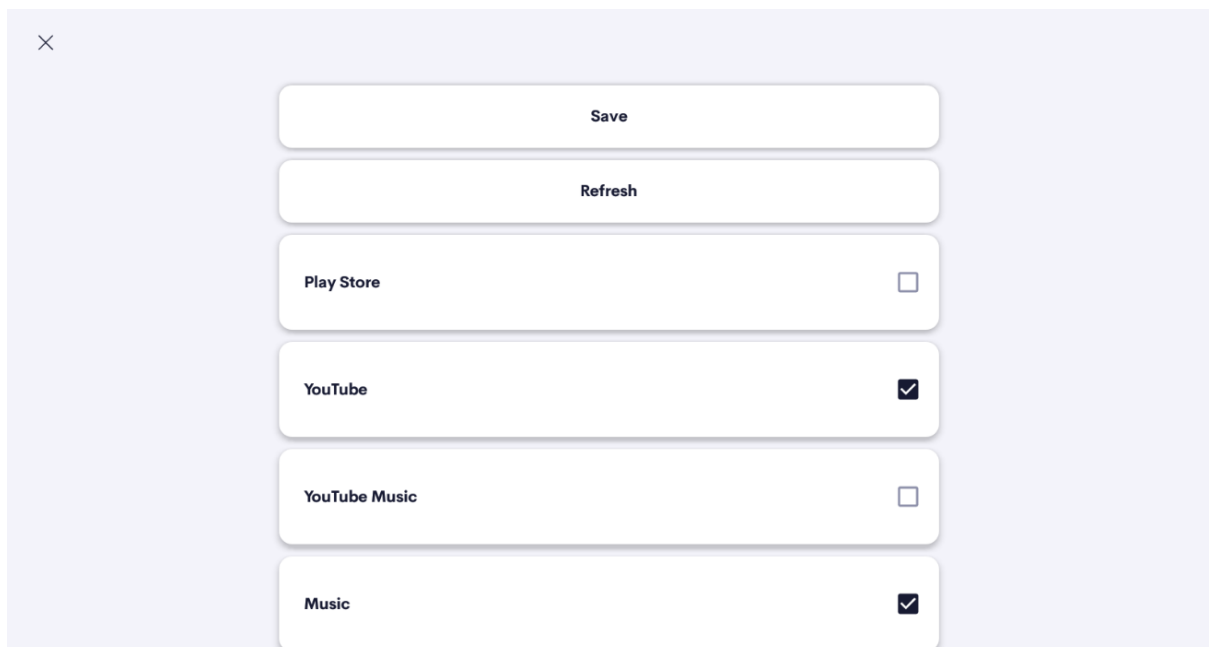


## Usage

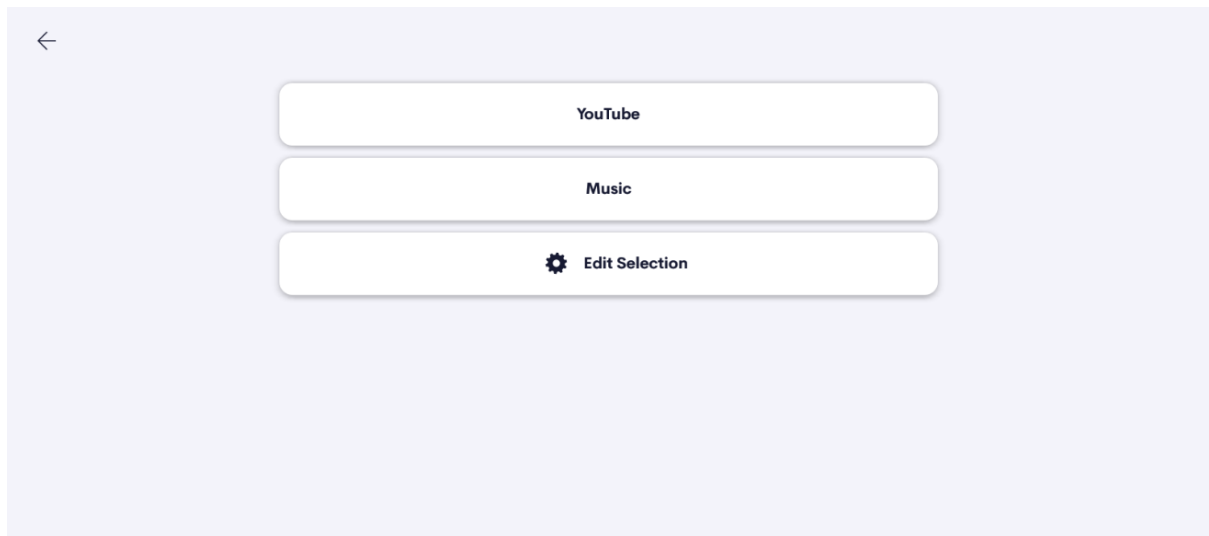
The App Launcher is shown as a tile within the selected room. Opening it will show the following layout:



Pressing the Edit Selection button will open a layout containing a list of all the TV's apps. The user can then select their most frequently used apps. Pressing save will add these to the first layout. The refresh button refreshes the list of apps.



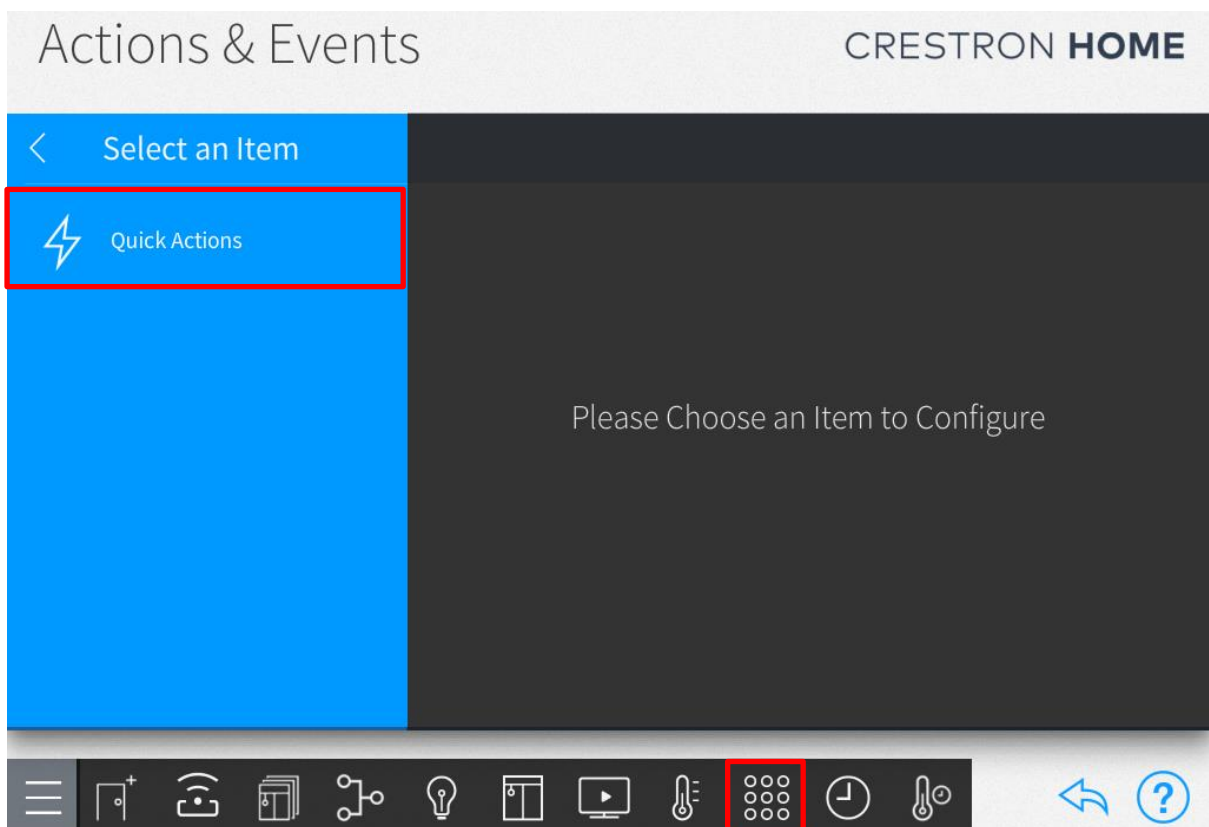
Returning to the first layout we can now see these selected apps. Pressing one of these buttons will open the respective app.



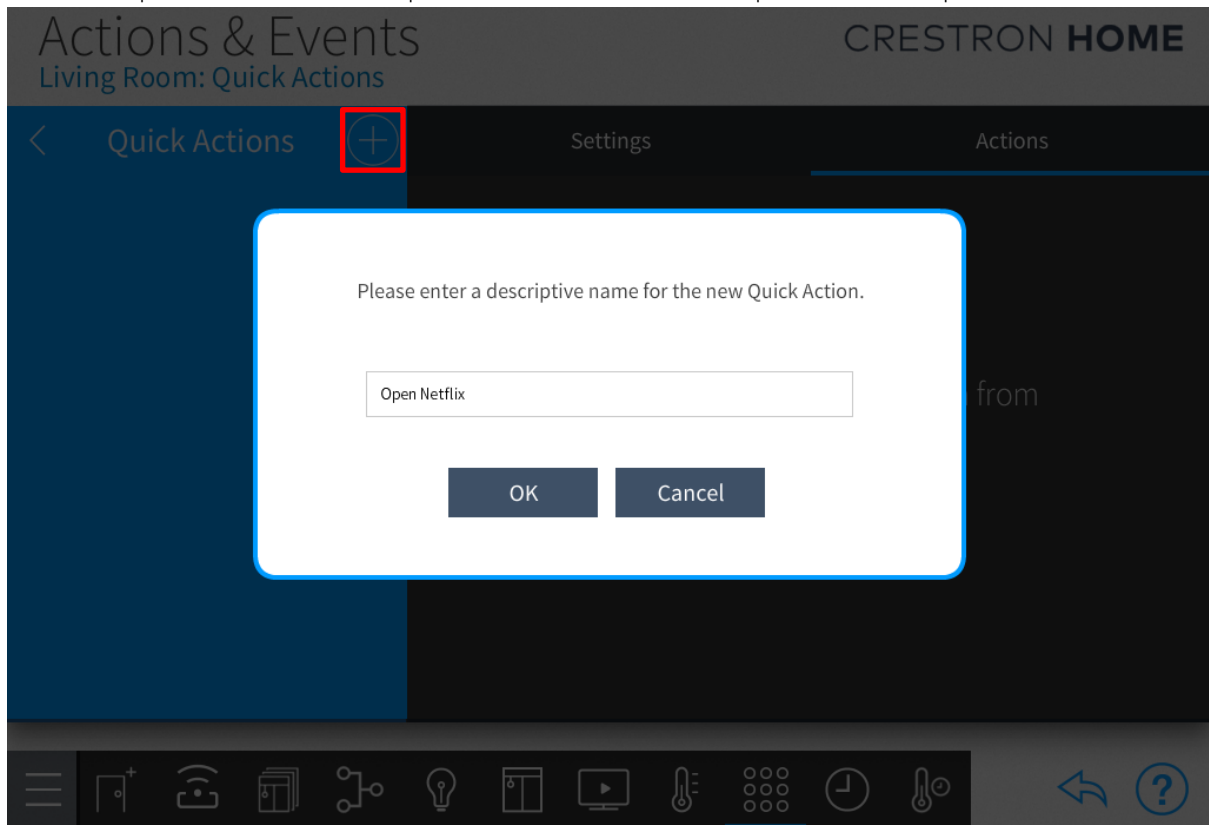
### Launch App Action

The App Launcher driver has one programmable action. This can be used to launch a specified app. The app's name is taken as a parameter. A partial match is performed against the list of all apps on the TV. The action will then launch the app who's name most closely resembles the given value.

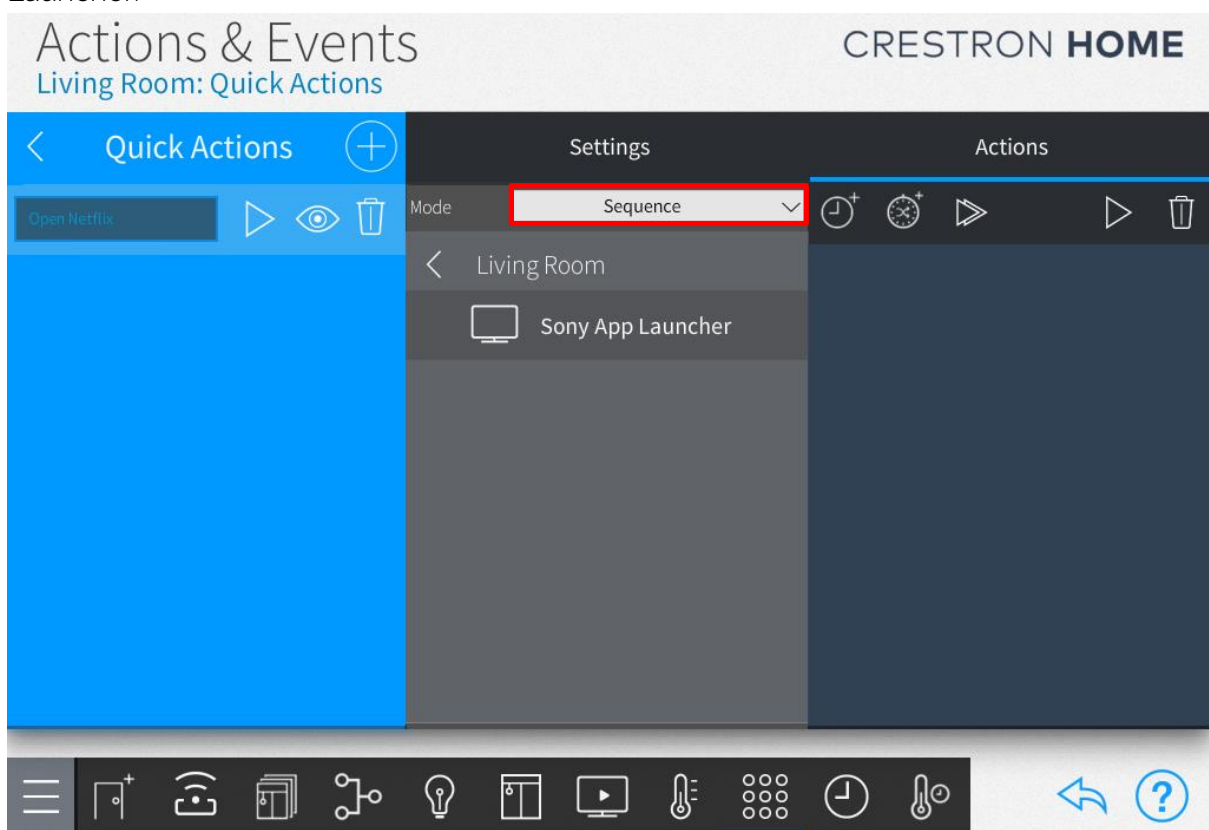
As an example, here is a set up for creating a quick action that opens Netflix. Go to the Actions & Events page, select the room and then select the Quick Actions item.



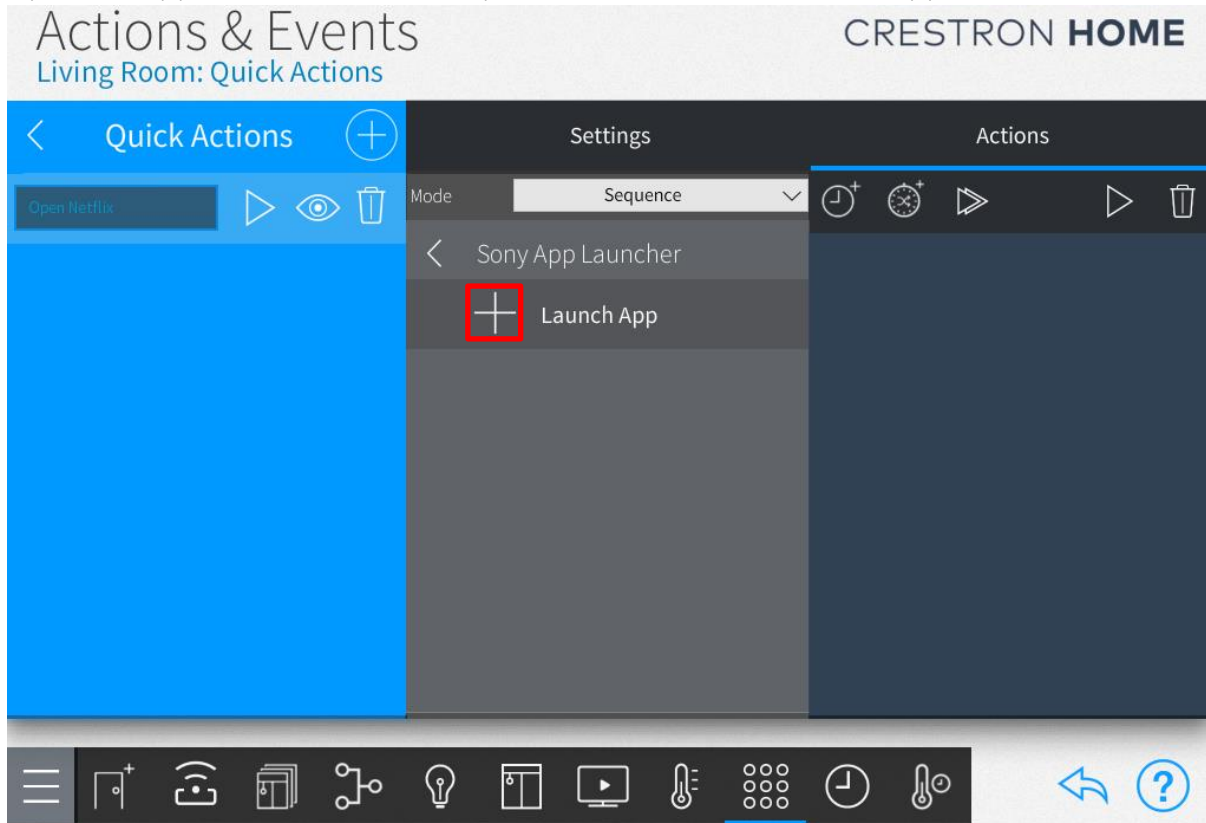
Press the plus button in the top left and name the new quick action "Open Netflix".



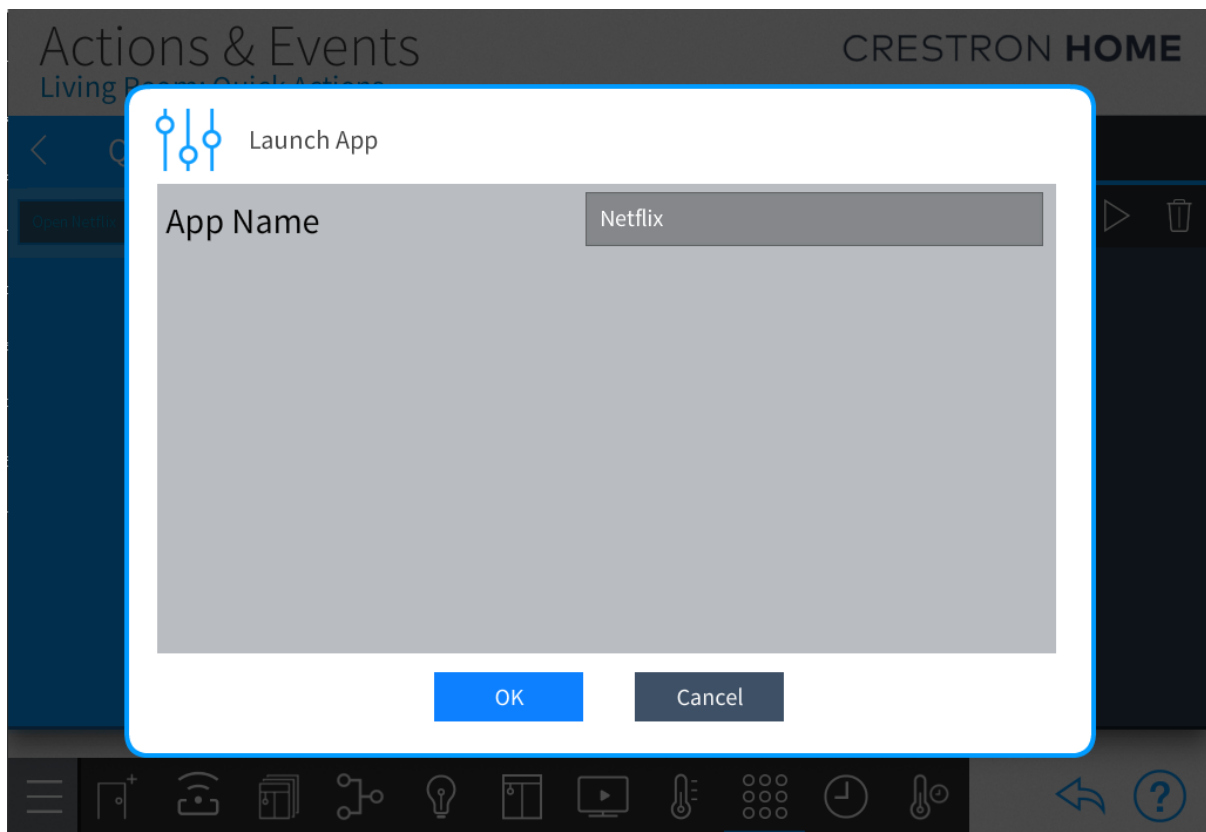
Under actions, select the sequence mode. Then select the room containing the App Launcher.



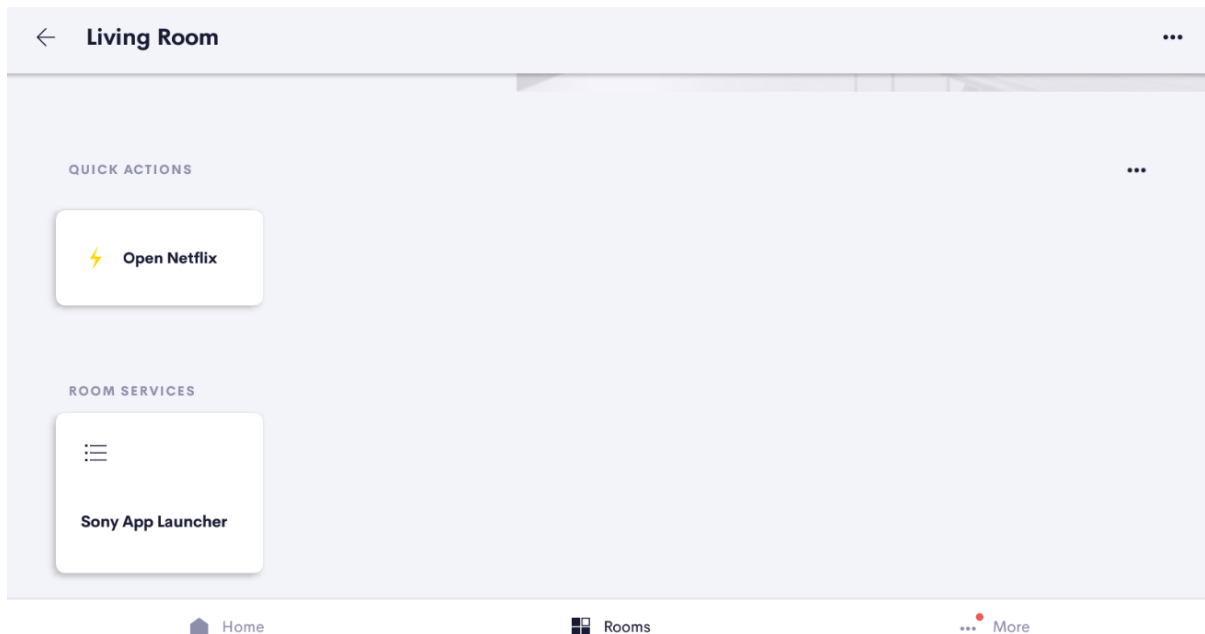
Open the App Launcher folder and press the '+' next to its Launch App Action.



Enter the name of the desired app and then press OK.



In the room this will create the following quick action. This can now be used to open Netflix.



## SUPPORT

If you have any issues with a driver or installation please let us know by contacting Ultamation support on [support@ultamation.com](mailto:support@ultamation.com) and please include as much detail about your issue as possible, such a recent processor error log.

Licence verification messages are posted to the error log, so please ensure you have checked this.

## LICENCE

This module (including software, images and any and all other associated assets distributed as part of the purchased download package) is licenced on a PER PROCESSOR basis.

A licence key is generated at the point of purchase and is linked at that time to specific information that MUST be provided at the time of purchase. A purchase should not be completed without correct information as refunds cannot be issued for errors or changes made to details following purchase.

The licence key for each device will be delivered via email along with links to download the module. There is no physical delivery.

The module is provided without any warranty with respect to the reliability of the controlled device or changes to device protocol. We will endeavour, through best efforts, to maintain the module's functionality and any bug fixes will be provided free-of-charge. Additional functionality may be released as a variation of this module and this will be a separate, purchasable, product.