

Govee Installation and Usage Guide



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chowmainsoft

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Overview

Govee creates high-quality LED lighting and smart home devices. They diligently strive to provide you with groundbreaking products that help illuminate your greatest moments in dynamic color. Govee devices include Smart Sockets, indoor LED strips, TV backlighting, floor lamps, table lamps, smart bulbs, guided lighting and more

This driver supports both LAN Control, and Cloud control for Govee Devices

****PLEASE NOTE** Govee Cloud has introduced Rate limits on their server which as of mid 2022 limits state changes to 10000 calls per day. Display Diagnostics can assist with identifying if you have hit rate limits. For that reason, we do not recommend doing programming like flashing lights in a loop or you may hit limits. LAN Control does not have this limitation.

The older V1/V2 Govee Cloud drivers (not Govee V3) also has per device limits per minute ******

Usage Scenarios

- Fully immerse yourself in your video games, movies, or TV shows with the Govee LED TV backlights and light bars.
- Govee creates some pretty interesting lighting solutions with wall lighting, floor lamps, table lamps and more. This really gives you some pretty interesting options to create the perfect mood with Govee and Control4.
- Replace existing bulbs with Smart LED bulbs for brightness, color temperature and RGB based control.
- Utilise Govee smart plugs to turn on and off devices like fans, humidifiers, coffee machines and more.

Features

- Bi-directional control and feedback
- On / Off control
- Brightness control
- Color Temperature control
- RGB Color control
- Advanced Lighting Scene Support
- Color Wheel Support
- Cloud Integration and Local LAN Integration (If supported by lights)
- Auto Detection and AutoSetup of Devices
- Toggle options for custom capabilities
- Scene Control Via Extras, Action and Command (Cloud Only)

Change Log

Version 20260330 - 30-MAR-2026

- [Bug] It appears the API is a bit more specific now in general. Update commands to be more specific too. This prevents the HTTP 400 Error / Device Offline issue (Agent V3)

Version 20260325 - 25-MAR-2026

- [Bug] Some SKU's may need proper address casing scene command/action to work (Agent V3)

Version 20260127 - 27-JAN-2026

- [Enhancement] Some LAN Devices are NOT sending their IP address as per Govee's API documentation. Workaround issue (Agent)

Version 20260119 - 19-JAN-2026

- [Feature] Add Light Scene Commands / Actions (Agent V3)
- [Feature] Add Light Scenes via Extras (Light V3)
- [Licencing] Improve Licencing System to support more features (All)
- [Misc] Improve Backend Systems (All)
- [Usability] Sort Select Device From List Alphabetically (Light V3, Light Local V3, Outlet V3)
- [Troubleshooting] Improve Diagnostics (All)

Version 20251009 - 09-OCT-2025

- [Improvement] Preventative measure to prevent issue where Select Device From List in non-Agent drivers may appear empty after controller reboot. This issue has never been observed in production (All)

Version 20250721 - 21-JUL-2025

- [Workaround] Workaround issue in C4 X4.0.0 with BUTTON_LINK Toggles on Relay lights (V3 Light / V3 Light Local)
- [Stability] Apply improved error handling code. No issues have ever been observed in production. This is purely for safety purposes only (All)

Version 20250625 - 25-JUN-2025

- [Workaround/Performance] Previous On Color preset will now no longer send a color command at all. This will reduce quota usage, allow effects to return to previous effect, and improve performance. However, in some cases, color may be out of sync for up to 30seconds (LAN) or 10secs (Cloud) (Light V3, LAN Light V3)

- [Feature] Add New Actions: Power Off, Power On, Set Generic Capability and Set Range Capability. This allows custom commands to be run, and provides some base support for non-light devices (Light V3, Outlet V3)
- [Workaround] Queue Command sending. This seems to eliminate bad feedback on some devices. It can be customised by property (Agent V3, LAN Light V3)
- [Feature] Add New Commands: Set Generic Capability and Set Range Capability. This allows custom commands to be run, and provides some base support for non-light devices (Light V3, Outlet V3)
- [Workaround] Add Workaround Property for server sending wrong color state (Light V3). Some lights such as the Aura appear to have the wrong color sent from server if changed too quickly.
- [Performance] Remove command delay on Cloud devices. This was previously required to avoid hitting rate limits on the Govee API. The Govee API has been improved and this is no longer believed to be required, unless the user is sending far too many commands (like a blink command, or changing hundreds of lights regularly). Lights should now react slightly faster. For large numbers of lights however, cloud is NOT recommended (Light V3)
- [Bug] Last Update Time was not being updated (Light V3)
- [Improvement] Better Support for Security Light driver (Light V3, Light Local)
- [Enhancement] Because we've reduced polling rate, we now no longer track light online/offline state via UI, only during property. Otherwise, if the light is offline, users may be unable to use the light until the next poll. Depending on the setup, this could be a substantial time. (Light V3)
- [Feature] Get Latest Status button. Useful if poll rates are long and if testing. This will force a poll of the device and update the status. (Agent V3)
- [Bug] Polling in some circumstances wasn't running regularly. Resolved (Agent V3)
- [Improvement] Improve the light turn on behavior with color. This is a limitation of the Govee Cloud API. Delay turning on color (Light V3)
- [Bug] Update Data correctly on Cloud devices on cloud reboot. Needed for New Actions, and to handle capability updates in the future (Agent V3)

Version 20250228 - 28-FEB-2025

- Further Cloud device discovery fixes (Agent V3)
- Better Diagnostics (Agent V3)
- Improve Display Known Devices. Show list of cloud devices (Agent V3)
- Update Dynamic Cloud Poll Rate Algorithm. Previous Maths was incorrect and may have led to exceeding 10000 calls on some systems (Agent V3)

Version 20250224 - 24-FEB-2025

- [Fix] In some circumstances, Cloud may crash during polling (Agent V3)
- [Usability] In some circumstances, people may incorrectly add spaces to their API key. Clean up the API key (Agent V3)

Version 20250220 - 20-FEB-2025

- [Feature/Performance] Allow Command Buffer time to be set. This reduces API calls to devices in some circumstances (which was critical on V1/V2 to avoid hitting per device limits. However, V3 apparently does not contain this limitation). (Light V3)
- Update default command buffer time from 6025ms to 1000ms. As a result, lights will now respond faster by default. (Light V3)

Version 20250219 - 19-FEB-2025

MAJOR UPDATE - INTRODUCING GOVEE V3

Please note, this is a MAJOR update and introduces our new Govee V3 drivers. Govee V3 has better quota restrictions, better compatibility and the API provides more future capabilities.. These drivers do not support versions lower than OS3.4.3

This update was delivered as a new driver set as

- [Feature] Govee V3 Support. New Govee V3 Agent, Govee V3 Socket, Govee V3 Light Drivers. OS 3.4 is required.
- [Misc] Improved Licencing
- [Deprecation] Deprecate the older Govee Drivers.

Version 20241224 - 24-DEC-2024

- [Bug] Feedback not being processed correctly in some circumstances (Local Light)
- [Optimisation] DriverCentral licencing is now fully removed (All)

Version 20240919 - 19-SEP-2024

- [Workaround] Add Ignore Device Feedback option for unsupported lan lights. This is not supported but may allow limited support of devices like H60A1 which are not supported officially by the LAN protocol

Version 20240917 - 16-SEP-2024

- [MAJOR UPDATE] LAN Control is now supported. LAN Control must be enabled and supported by devices. Light drivers must also be replaced by the new Light local driver.
- Backend improvements. Lots of changes to actions

Version 20240912 - 12-SEP-2024

- Improve Licencing

Version 20240806 - 06-AUG-2024

- Support for Chowmain Licencing
- Improved Troubleshooting
- Performance Improvements

Version 20240501 - 01-MAY-2024

- [Compatibility] Some devices may send incorrect online state. Workaround (Light V1, V2, Outlet)
- [Compatibility] Backend updates

Version 20240410 - 10-APR-2024

- [Bug] Fix Compatibility with some controllers

Version 20240404 - 04-APR-2024

- [Performance] Reduce HTTP Connections required by Driver for operation (All)
- [Performance] Further reduction of CPU spikes (All)
- [Compatibility] Future Compatibility Updates (All)
- [Performance] Other Miscellaneous Bug and performance improvements (All)

Version 20240215 - 15-FEB-2024

- [Bug] Fix Crash on Light which occurs after Controller reboot in some circumstances (Light V2)
- [Bug] CCT during Scenes was being incorrectly changed to the equivalent RGB. CCT Scenes now remain as CCT
- [Troubleshooting] Major new Diagnostics. Some Diagnostics take 24hrs to become fully active (All)
- [Troubleshooting] New Action. "Display All Related Diagnostics". This provides Diagnostics for all Govee Devices/Drivers in Project (All)
- [Performance] When Debugging is enabled, Up to 28x-100x speedup in logging performance improvement in some benchmarks of 10000 logs (ie, 6631ms vs 60ms in the best case).
- [Performance] Print and Cloud Debugging will switch to cloud only after 24hrs automatically.
- [Performance] Speed up some certain operations by 9ms-22ms (or more). Particularly on large Govee systems or slow controllers (such as a CA1), this may reduce CPU spikes, and in all cases, it will improve latency further (All)
- [Troubleshooting] Miscellaneous Troubleshooting Improvements

Version 20240118 - 18-JAN-2024

- (Troubleshooting) Add more feedback in logs (Agent)
- (Bug) Show Current Color Temperature Property Correctly (Light V2)
- (Usability) Improve Troubleshooting (All)
- (Optimise) Reduce Commands sent to server (Light V2)

- (Usability) Add Current Color Mode Property (Light V2)

Version 20231127 - 27-NOV-2023

- (Optimisation) Optimise Previous On Color Mode to allow different light modes to continue operating for brightness operations (Light V2) - Thanks Steve Stoytchev
- (Feature) Increase Maximum Poll Rate to 86400s (Agent)
- (Optimisation) Only Poll Attached Devices (Agent) - Thanks Steve Stoytchev
- Add Full OS3.3 Preset Support. Includes Dim-To-Warm Support and previous states (Light v2)

Version 20230522 - 22-MAY-2023

- Fix compatibility with Relay To Light and some other drivers (All) - Thanks Rob Riesenbeck

Version 20230322 - 22-MAR-2023

- Improve Daylight Agent Support (Light V2)
- Fix issue with default color capabilities (Light V2) - Thanks John Detoro

Version 20230215 - 15-FEB-2023

- Improve OS 3.3.2 Compatibility (Light V2)
- Modify default color capabilities (Light V2) - Thanks John Detoro

Version 20230210 - 10-FEB-2023

- Add new Quota Tracking Properties (All but Light V1)
- Update Diagnostics and Debug System (All)

Version 20230104 - 04-JAN-2023

- Improved Diagnostics And improve Creation of Bindings (All) - Thanks John Detoro
- Fix Composer Crash related to Current Color Property (Light V2) - Thanks John Detoro

Version 20220825 - 25-AUG-2022

- Enable Low Level Control4 Driver Optimisations. Controller must be rebooted after upgrade for optimisations to become active (All)
- Improve Diagnostics (All)
- Upgrade to our New Documentation System (All)

Version 20220804 - 04-AUG-2022

- Fix Minor Diagnostics bug (All)
- Upgrade Diagnostics System (All)

- Improve Fault detection (All)

Version 20220628 - 28-JUN-2022

- Fixes minor crash in some circumstances whilst polling for new feedback (Agent) - Thanks Anonymous via Diagnostic Submission
- Improve Locale Handling (Light V2)

Version 20220617 - 17-JUN-2022

This is a bugfix / Enhancement release

- Add Error Reporting (ALL)
- Redesign command system, to avoid hitting rate limits (Light V2)

Version 20220602 - 02-JUN-2022

This is a major new release

- Added New Govee Light V2 Driver for OS 3.3.0 or later (Light V2)
- Add Diagnostics and Submit Actions (All)
- Fix BUTTON_LINK (Light V1,Light V2)

It is recommended all users upgrade to Control4 OS 3.3.0 or later and switch to our newer Light V2 Driver

Version 20220216 - 16-FEB-2022

- Update Debugging (all)
- Fix LUA Error During First-Run (Agent)
- Minor cleanup
- Additional Backend Changes
- Fix Scenes in Light

Version 20211112 - 12-NOV-2021

- Further Improve Debugging

Version 20211005 - 05-OCT-2021

- Improve Debugging
- Fix Lua Error

Version 20210705 - 05-JUL-2023

- Initial release

Quick Start (Govee V3)

Requirements:

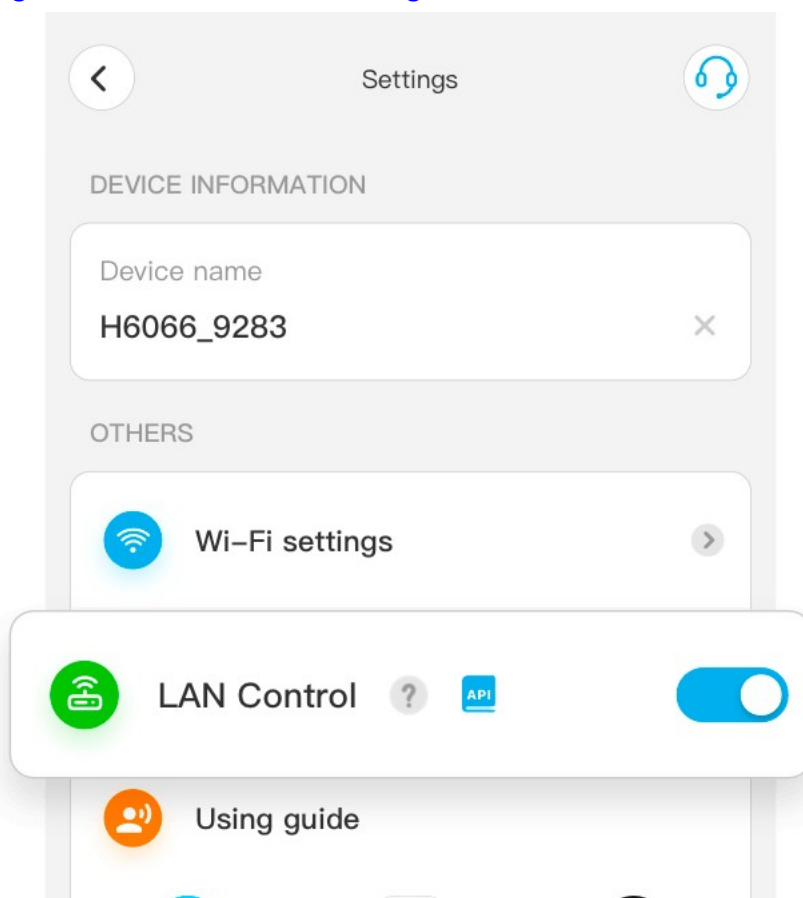
- You must be using OS 3.4.3 or later
- HC Series controllers are not supported

Migration From V1/V2 To V3 (IMPORTANT)

1. Before installing V3 Agent, ensure all V1/V2 drivers are removed from the project first. If V1 Agent is not removed before installing V3, it may still exist but be hidden
2. Install V3 Agent. Run Display Diagnostics in Actions which will warn in LUA Output tab if any V1/V2 devices are in the project
3. After fixing all errors, reboot the controller

Lan Control

1. Register all lights through the Govee app.
2. Ensure all Lights have the latest firmware
3. In the Govee App, click on Settings on each device and enable LAN Control. If the LAN Control option is not shown, LAN Control might not be supported. To confirm support, use: <https://app-h5.govee.com/user-manual/wlan-guide>



4. Add the Govee Agent to your project

5. Optional: To Auto Setup Names
 1. Register all lights through the Govee app.
 2. Request an API key through the Govee app
 3. Enter in the Govee API Key into the agent's properties
6. Click on Actions, AutoSetup LAN Devices. Devices will automatically be added
7. If required, change the light type in the created light devices
8. Refresh Navigators

Cloud Control

Please Note: It is recommended to use LAN Control for supported Devices

1. Register all lights through the Govee app.
2. Request an API key through the Govee app
3. Add the Govee Agent to your project
4. Enter in the Govee API Key into the agent's properties
5. Click on Actions, AutoSetup Cloud Devices
 1. If you wish to use a Socket instead of Light or vice versa, you can simply add the correct driver, and use "Select Device From List" to provision
6. Click Connections and bind each device to the agent.
7. The driver will automatically rename the drivers to the name of the device.
8. Refresh Navigators

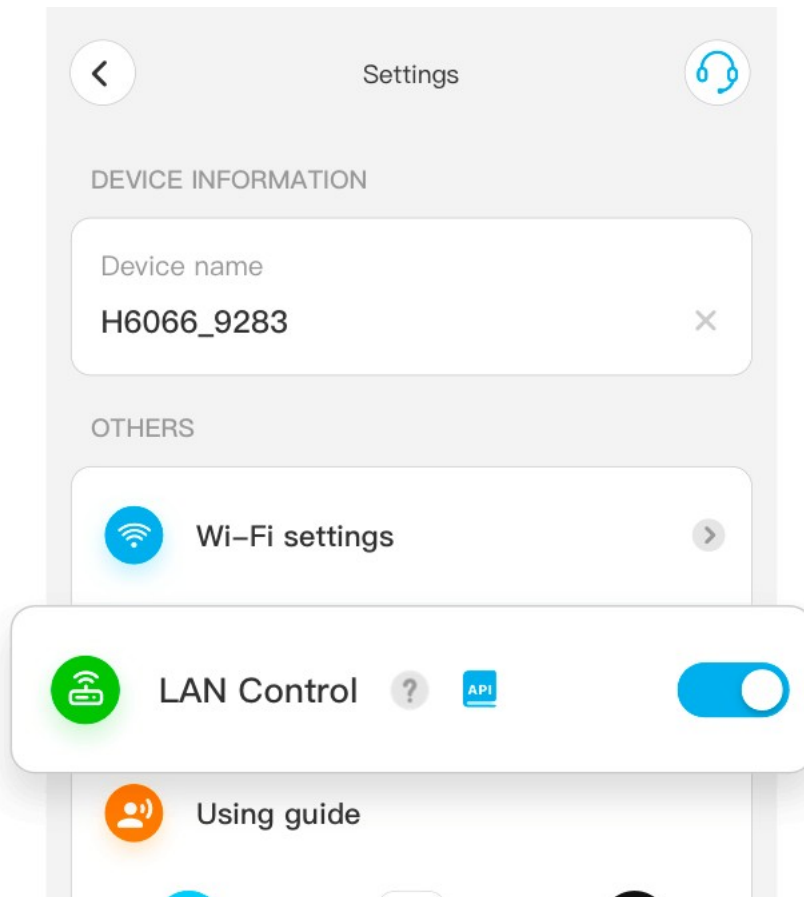
Quick Start (Govee V1/V2) - Deprecated

- It is STRONGLY recommended to upgrade to Govee V3 instead. These drivers are now deprecated

Lan Control

LAN Control is the recommended way to control devices. However, older devices may not support this functionality

1. Register all lights through the Govee app.
2. Ensure all Lights have the latest firmware
3. In the Govee App, click on Settings on each device and enable LAN Control. If the LAN Control option is not shown, LAN Control might not be supported. To confirm support, use: <https://app->



4. Add the Govee Agent to your project
5. Optional: To Auto Setup Names
 1. Register all lights through the Govee app.
 2. Request an API key through the Govee app
 3. Enter in the Govee API Key into the agent's properties
6. Click on Actions, AutoSetup LAN Devices. Devices will automatically be added
7. If required, change the light type in the created light devices
8. Refresh Navigators

Cloud Control

Please Note: It is recommended to use LAN Control for supported Devices

1. Register all lights through the Govee app.
2. Request an API key through the Govee app
3. Add the Govee Agent to your project
4. Enter in the Govee API Key into the agent's properties
5. Click on Actions, AutoSetup Cloud Device Bindings
6. Take note of the Number of Devices Found.
7. Add the required devices into the project
 1. For Lighting, use the 'Govee Light V2' driver for OS3.3+ systems (strongly recommended). For earlier systems, please upgrade to OS3.3+, or use 'Govee Light'

2. For Outlet control, use the 'Govee (On/Off)' driver.
8. Click Connections and bind each device to the agent.
9. The driver will automatically rename the drivers to the name of the device. If using 'Govee (LIGHT)', it will also hide unused proxies for that device (eg Color and Color Temp). The new V2/ColorWheel driver does not require proxies to be hidden.
 1. If you want to rename the driver or unhide hidden proxies you should set Auto Rename Device and Auto Hide Proxies to False.
- 10.Refresh Navigators

Troubleshooting

Control is lost entirely, and is recovered a few days later (Cloud)

- Check that the Quota hasn't been exceeded. If the quota has been exceeded, the cloud will not respond to commands until the quota is reset by the server. Display Diagnostics may be able to assist identifying this.
- Check that the Govee device can be controlled from the Govee App, with Wifi and bluetooth disabled
- Check the API key is correct in the agent properties
- Run Display Diagnostics in the Agent and the light driver

Light Color on display after 30 seconds after changing changes incorrectly to the wrong color after showing correct color previously (Cloud)

- If the color was correctly set initially in the interface, the cloud is possibly sending bad data. This appears to affect some devices such as the Aura. Use the Ignore Color From Server Property to turn off Color Feedback from the server. This will mean that the color will not update in the interface, but it will be correct when you change it.

What is the difference between Govee V3 and our older V1/V2 Govee drivers

- Govee V3 is recommended for EVERYONE unless you cannot upgrade to OS 3.4.0 or later.
- Govee V1/V2 uses the old Govee Cloud API. This has more quota restrictions than the "Awesome New API" implemented in V3.
- Govee also uses the old binding system, whereas, Govee V3 uses a fully managed connection system for both cloud and lan
- Some devices are not shown in the older Govee (most commonly, the H600D GU10 lights). This is a limitation on the Govee Server. They are however available in Govee V3
- Govee V3 is a free upgrade
- Govee V3 requires OS 3.4 or later. The older lighting V1 driver is no longer available
- Both use different drivers. Govee V3 compatible drivers have govee_v3 in the name
- No major future upgrades will be provided for the older Govee drivers. it is

What types of control are supported?

- This driver supports both LAN Control and Cloud control for devices.
- It is recommended to use LAN Control for ALL supported devices (you may need to enable LAN Control for each device in the app). Some devices may not support LAN Control
- Lan control is not subject to the same rate limits as Cloud control

Which devices are supported by LAN Control

A full list of devices supported are available in:

<https://app-h5.govee.com/user-manual/wlan-guide>

For the older V1/V2 Govee drivers, what is the difference between the Light V1, Light V2 and Local Light Drivers

- Light V1
 - Cloud Control
 - Used for Controllers with OS 3.3.0 or earlier. It is recommended to upgrade the controller instead.
 - No ColorWheel Support
- Light V2
 - Cloud Control
 - Native ColorWheel Support
 - White Temperature Selector
 - Native support for Advanced Light Color / White Temperature based scenes
 - Improved diagnostics support
 - Improved management of light capabilities.

- V2 requires OS3.3.0+
- Scene ramping support
- Support for Dimmer Load Support (not compatible with Color lights)
- Local Light
 - Used for LAN Control Only (and bound via the LAN Binding)
 - Same Advantages as Light V2
 - Improved performance
 - Not Subject to Rate Limits
 - Dimmable button links

We recommend upgrading all customers to Local Control where possible. Otherwise V2 and OS 3.3.0+ for the best experience

Where can I purchase these devices from?

Govee is available in the US, Canada, Europe and United Kingdom through various retails. Please visit <http://www.govee.com> for more details

How do I activate scenes and other features?

The Govee API does not provide us with the ability to activate scenes, turn on movie mode, music mode and other cool features. When the API is updated to provide this functionality we will update the driver to include it.

How do I obtain an API key?

- You can request an API key through the Govee app. This API key ties it to the customer account the app is logged in with.
- API Key is not required for LAN Control, however, it is strongly recommended

Do you offer any other cool drivers?

Control4 is a major part of our business. We develop new drivers all the time. You can see all of our drivers on our website (<https://chowmain.software>). Sign up to our newsletter to get notified when new drivers are released.

I intermittently lose control after making a lot of status changes (Cloud Control Only)

- Govee has rate limits which affect the number of state changes you can make per day
- We recommend slowing down the Poll Rate in Agent or switching to LAN Control if supported
- Govee V3 has improved quota limits. It is recommended to switch

Why no dimmable button links (Cloud Control)?

- Dimmable button links would unfortunately exceed server quotas fairly quickly.

Licensing

Marketplace

To Purchase drivers

Chowmain Drivers are only available to authorized dealers. Integrators can sign up to a Chowmain account via the [Chowmain Website](#). Authorization of dealers can take up to 48 hours; however, you can trial the drivers without an account.

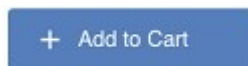
1. Navigate to the login page of Chowmain website: [Chowmain - Login](#)
2. Sign in using credentials provided after sign up request approval
3. Ensure you are logged into the website using website's header: registration and sign up buttons are replaced with cart icon and user icon



4. Navigate to the drivers page: [Chowmain - Drivers](#)
5. Alternatively, you can use the global search input in the header to find the driver



6. Search for and locate the driver you are interested. Click *Add To Cart*



7. Once you have added all drivers to your cart, navigate to the shopping cart: [Chowmain - Cart](#)
8. Click *Checkout & Pay*. Follow the directions



9. Purchase confirmation will be sent to your email, all orders can be viewed in the [Chowmain - Orders](#)
10. Once the payment is processed, the driver will be available in your account: [Chowmain - My Drivers](#)

Create Chowmain Project and obtain Project Code

Note:

- Showroom Projects contain all drivers of its Control System
- Paid licenses cannot be assigned to Showroom Projects
- Only 1 Project is required per home
- If the Project has already been created, do not create a second one
- If controller already has a Project code created by another installer, please contact the original installer for access. If the original installer is unavailable, contact [Chowmain - Support](#)

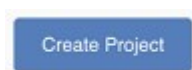
- If the controller has been replaced and the license needs to be transferred to a new controller you can do so yourself via the website

1. Ensure you are signed into the [Chowmain Website](#)

2. Navigate to [Dashboard => Projects](#)



3. Click *Create Project*:



4. Complete the details for the Project (*Project Name, Customer Name, Control System*)

5. Upon completion, take note of the **Project Code**. This is required to link the Control System to the newly created project

To Assign purchased drivers to Project

NOTE: Driver must already be purchased and a Project Code must be created as per above 'Create Chowmain Project and obtain Project Code' section

1. Navigate to [Chowmain Software - Projects](#). Click the *Project Name* you wish to assign the driver to

Project Name	Project Code	Licensed	Showroom	Platform ↑
100	XXXXXX	0	✓	
101	XXXXXX	0	✗	

Rows per page: 15 1-2 of 2 < >

2. Click the *Add License(s)*:



3. Select Drivers you wish to assign to the project, and click *Add Selected Drivers*:

×

Add Drivers to Project

Project #XXXXXX:
Project Name Example

☒

1 available

☒

1 available

☐

1 available

☐

1 available

☐

1 available

Add Selected Drivers

4. Alternatively you can add in drivers via the [Chowmain - Drivers](#)

5. The driver will be added to the project with the license status *Licensed*

	Driver Name	Version	License	Health	Autoupdate	Logging Approved	Log Level
☐ ▾			licensed	-	false	-	-
☐ ▾			licensed	-	false	-	-

Control4

To Download and install Chowmain drivers:

NOTE: Licensed Chowmain drivers come with a complimentary 90-day trial period. To license the driver, installation of the Chowmain Project Agent is required. The Project Agent is also required for automatic driver updates. Throughout the 90-day trial period, Chowmain Drivers operate without any limitations. After this period, the driver will be disabled unless properly licensed.

All Chowmain Licensed drivers require a minimum of OS 3.1.3 to operate correctly unless specified.

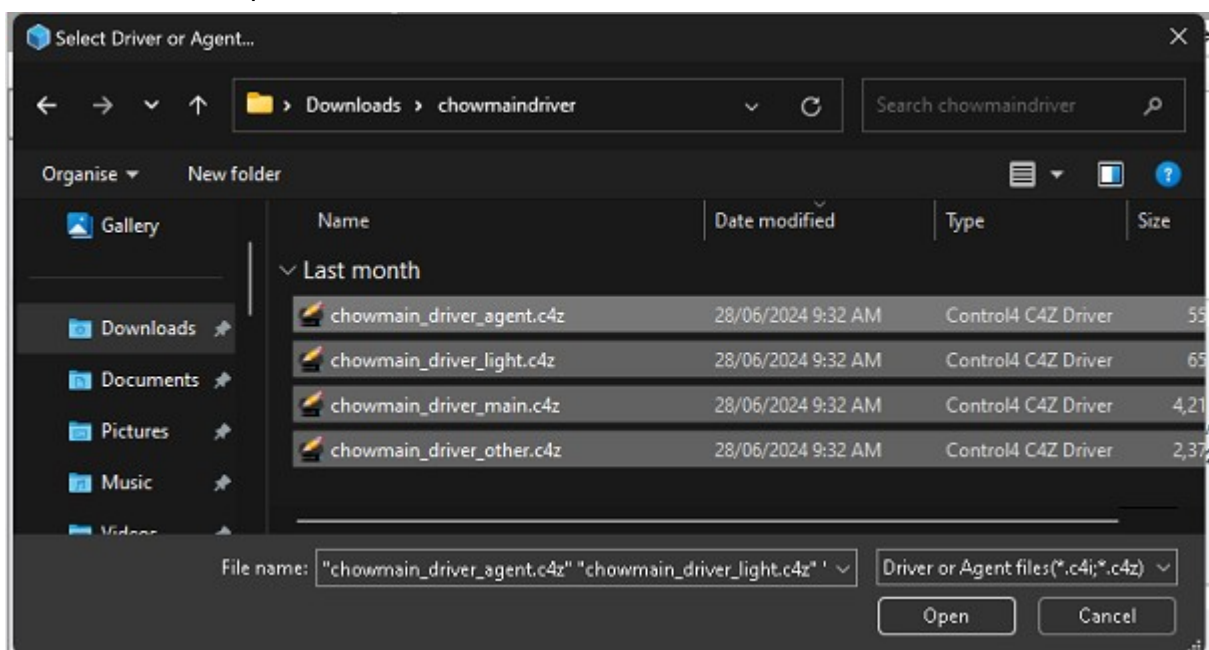
1. Visit: <https://chowmain.software>
2. Search and locate your driver, and click into the details by clicking the picture or heading.
3. Select Download. And extract the contents of the downloaded Zip file to a temporary directory



4. **Please note: For many drivers, it is no longer recommended to copy the contents of most modern drivers directly to your Control4/drivers directory.** The recommended method of updating drivers or installing drivers is in Composer Pro, navigate to the Driver=>Add Or Update Driver Or Agent menu item.



5. Locate the temporary directory containing your C4Z files. You can select and install/update all drivers simultaneously by selecting one and using Ctrl+A. Alternatively, click the top driver+shift+click the bottom. Click the open button. You will be alerted when drivers are installed



6. Install drivers as per normal. Please note, some drivers may be agents, and you must use the Agents tab in Control4 to install the driver. Composer Express does not support Agents, and Composer pro is recommended for all installers.

Install Chowmain Agent

Installation of the Chowmain Agent is required to licence drivers

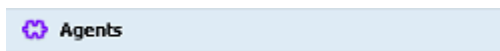
1. Download Chowmain Project Agent From the [Chowmain Project Agent Page](#)
2. Open Project In Composer Pro. Composer Express does not Support Agents and cannot be used
3. Navigate to the *Driver=>Add Or Update Driver Or Agent* menu item



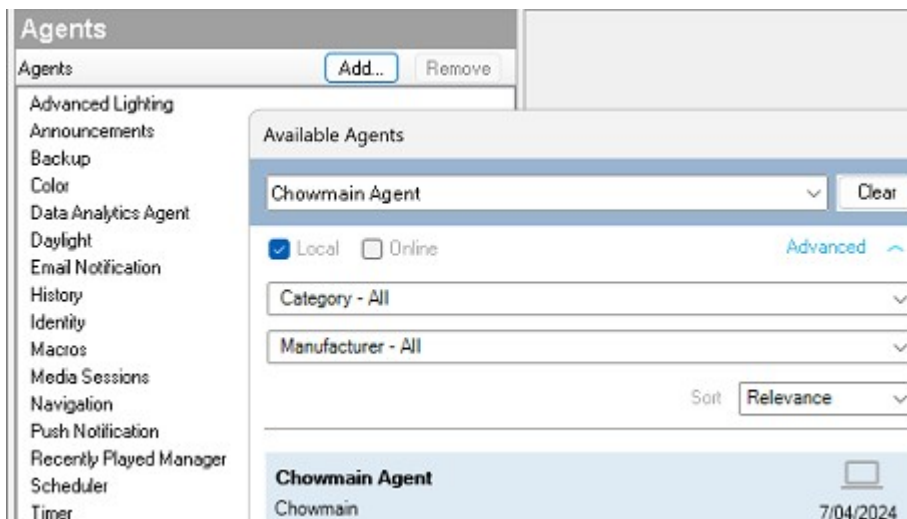
4. Add the *agent_chowmain.c4z* file



5. Navigate to the Agents View in Composer Pro



6. If *Chowmain Agent* is not already added to project, select the *Add* button in Agents and add the *Chowmain Agent* to Project

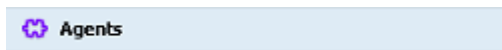


7. *Chowmain Agent* should be listed in the project.



Link Project Code to Control4 Project

1. Ensure *Chowmain Agent* is installed on primary Control4 Controller. If not, follow the previous information
2. Navigate to the Agents View in Composer Pro



3. Select *Chowmain Agent* in the project



4. Enter the Project Code into the Project Code Property. You would have previously set this up on the *Chowmain* website as outlined in the Website portion of this document. If you have not set up a project you can do so via the [Chowmainsoft - Projects](#) webpage.



5. The status property will provide feedback on driver licencing status



6. **Please note:** If project code has been used previously on another controller you can revoke the licence for use again.

LICENCING FAQ

What are the Requirements for Chowmain licencing?

- Driver trials do not require Agent to be installed.
- To activate licenced drivers, *Chowmain Project Agent* must be installed.
- Composer Pro 3.1.3 or later is required to install and configure *Chowmain Project Agent*
- Internet is required during the licence registration process.
- If Internet is lost then the licence will persist the last state.
- If the *Chowmain Project Agent* is removed then licencing will be invalidated. Do not remove the *Chowmain Project Agent* once installed.

How do I know if the deployed driver is using Chowmain Licencing?

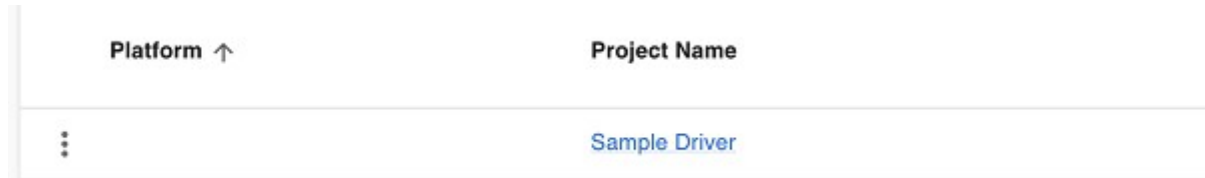
- There are multiple ways:

1. Chowmain licensed drivers have CM: in their cloud status property

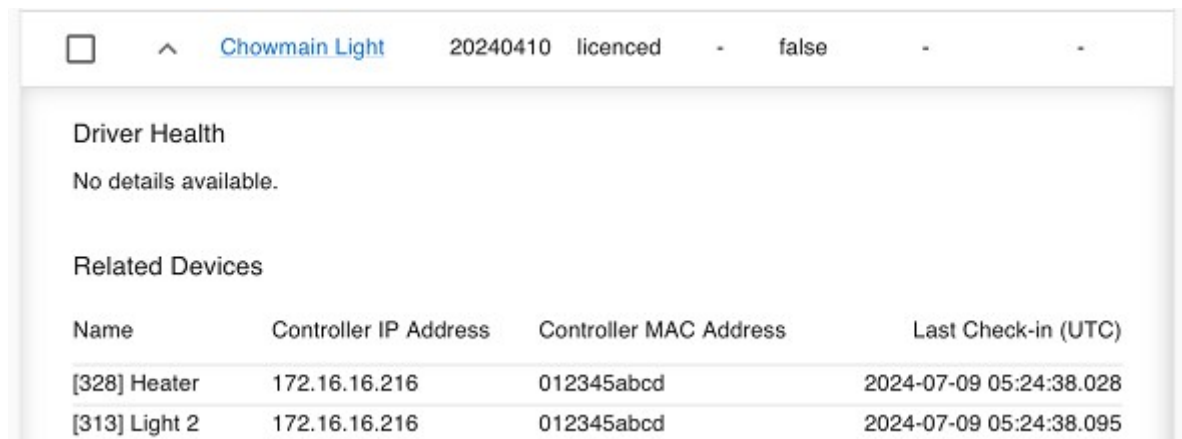


2. If the *Project Code* has been correctly entered in Chowmain Project Agent and the project is registered, you can find the list of Chowmain-licensed drivers deployed on your controller using the Chowmain website.

1. Navigate to [Chowmainsoft Website - Projects](#)
2. Select your Project Code



3. Known Chowmain Drivers will be listed, and if you select the driver, it will list which drivers in the project are known to be CM Licenced. Please note, this list may not update immediately



How does the trial period work?

All Chowmain drivers are free to use for 90 days. When the trial expires the driver will cease to function until you purchase a licence and apply it to the project.

What benefits does Chowmain Project Agent provide?

Chowmain Project Agent provides a number of benefits for projects

- Required for activation of driver licences. Enables the linking of Control4 Projects to Chowmain Project Codes.
- Required for Auto Updates of Chowmain Licenced drivers
- Provides local access to all Diagnostics for all known licenced Chowmain drivers on Control4 system in 1-click
- Bulk Enable and Disable of Automatic Updates of drivers
- Display local licencing information for all known driver
- Update All Drivers in 1 click to latest versions available for that driver

Where do I buy a Licence from?

- Chowmain Control4 Drivers are only available to Control4 installers. Installers can sign up to a Chowmain account using: <https://chowmain.software/signup>. If you are a home owner you should contact your automation installer for support, purchase and installation of drivers
- This driver is developed by Chowmainsoft and can be purchased from the [Chowmain Software Website](#).
- All licences are site licences. This means the one licence can be used to unlock as many instances of the same driver in the same project.

Can I upgrade old versions of drivers from other marketplaces to Chowmain?

- This process is mostly automated.
 1. Install Chowmain Project Agent, and assign a Project Agent as required
 2. Ensure all drivers are up to date, and replace obsolete drivers with updated builds.
 3. Wait 10 mins.

Developer Information



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Information stated in this document is current as of January 2026 and may change. For latest information please visit <https://www.chowmainsoft.com>

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
Australia / New Zealand / United Kingdom	Monday - Friday - See website for hours of operation	https://chowmain.software/for-integrators/ technical-support

Phone Support

Region	Hours of Operation	Phone Number
Australia	Monday - Friday - See website for hours of operation	[+61 3 9028 6999](tel:+61 3 9028 6999)
United Kingdom	Monday - Friday - See website for hours of operation	[+44 29 2000 5551](tel:+44 29 2000 5551)
United States	Monday - Friday - See website for hours of operation	[+1 206 944 5444](tel:+1 206 944 5444)

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.

Change Log

Version 20260330 - 30-MAR-2026

- [Bug] It appears the API is a bit more specific now in general. Update commands to be more specific too. This prevents the HTTP 400 Error / Device Offline issue (Agent V3)

Version 20260325 - 25-MAR-2026

- [Bug] Some SKU's may need proper address casing scene command/action to work (Agent V3)

Version 20260127 - 27-JAN-2026

- [Enhancement] Some LAN Devices are NOT sending their IP address as per Govee's API documentation. Workaround issue (Agent)

Version 20260119 - 19-JAN-2026

- [Feature] Add Light Scene Commands / Actions (Agent V3)
- [Feature] Add Light Scenes via Extras (Light V3)
- [Licencing] Improve Licencing System to support more features (All)
- [Misc] Improve Backend Systems (All)
- [Usability] Sort Select Device From List Alphabetically (Light V3, Light Local V3, Outlet V3)
- [Troubleshooting] Improve Diagnostics (All)

Version 20251009 - 09-OCT-2025

- [Improvement] Preventative measure to prevent issue where Select Device From List in non-Agent drivers may appear empty after controller reboot. This issue has never been observed in production (All)

Version 20250721 - 21-JUL-2025

- [Workaround] Workaround issue in C4 X4.0.0 with BUTTON_LINK Toggles on Relay lights (V3 Light / V3 Light Local)
- [Stability] Apply improved error handling code. No issues have ever been observed in production. This is purely for safety purposes only (All)

Version 20250625 - 25-JUN-2025

- [Workaround/Performance] Previous On Color preset will now no longer send a color command at all. This will reduce quota usage, allow effects to return to previous effect, and improve performance. However, in some cases, color may be out of sync for up to 30seconds (LAN) or 10secs (Cloud) (Light V3, LAN Light V3)

- [Feature] Add New Actions: Power Off, Power On, Set Generic Capability and Set Range Capability. This allows custom commands to be run, and provides some base support for non-light devices (Light V3, Outlet V3)
- [Workaround] Queue Command sending. This seems to eliminate bad feedback on some devices. It can be customised by property (Agent V3, LAN Light V3)
- [Feature] Add New Commands: Set Generic Capability and Set Range Capability. This allows custom commands to be run, and provides some base support for non-light devices (Light V3, Outlet V3)
- [Workaround] Add Workaround Property for server sending wrong color state (Light V3). Some lights such as the Aura appear to have the wrong color sent from server if changed too quickly.
- [Performance] Remove command delay on Cloud devices. This was previously required to avoid hitting rate limits on the Govee API. The Govee API has been improved and this is no longer believed to be required, unless the user is sending far too many commands (like a blink command, or changing hundreds of lights regularly). Lights should now react slightly faster. For large numbers of lights however, cloud is NOT recommended (Light V3)
- [Bug] Last Update Time was not being updated (Light V3)
- [Improvement] Better Support for Security Light driver (Light V3, Light Local)
- [Enhancement] Because we've reduced polling rate, we now no longer track light online/offline state via UI, only during property. Otherwise, if the light is offline, users may be unable to use the light until the next poll. Depending on the setup, this could be a substantial time. (Light V3)
- [Feature] Get Latest Status button. Useful if poll rates are long and if testing. This will force a poll of the device and update the status. (Agent V3)
- [Bug] Polling in some circumstances wasn't running regularly. Resolved (Agent V3)
- [Improvement] Improve the light turn on behavior with color. This is a limitation of the Govee Cloud API. Delay turning on color (Light V3)
- [Bug] Update Data correctly on Cloud devices on cloud reboot. Needed for New Actions, and to handle capability updates in the future (Agent V3)

Version 20250228 - 28-FEB-2025

- Further Cloud device discovery fixes (Agent V3)
- Better Diagnostics (Agent V3)
- Improve Display Known Devices. Show list of cloud devices (Agent V3)
- Update Dynamic Cloud Poll Rate Algorithm. Previous Maths was incorrect and may have led to exceeding 10000 calls on some systems (Agent V3)

Version 20250224 - 24-FEB-2025

- [Fix] In some circumstances, Cloud may crash during polling (Agent V3)
- [Usability] In some circumstances, people may incorrectly add spaces to their API key. Clean up the API key (Agent V3)

Version 20250220 - 20-FEB-2025

- [Feature/Performance] Allow Command Buffer time to be set. This reduces API calls to devices in some circumstances (which was critical on V1/V2 to avoid hitting per device limits. However, V3 apparently does not contain this limitation). (Light V3)
- Update default command buffer time from 6025ms to 1000ms. As a result, lights will now respond faster by default. (Light V3)

Version 20250219 - 19-FEB-2025

MAJOR UPDATE - INTRODUCING GOVEE V3

Please note, this is a MAJOR update and introduces our new Govee V3 drivers. Govee V3 has better quota restrictions, better compatibility and the API provides more future capabilities.. These drivers do not support versions lower than OS3.4.3

This update was delivered as a new driver set as

- [Feature] Govee V3 Support. New Govee V3 Agent, Govee V3 Socket, Govee V3 Light Drivers. OS 3.4 is required.
- [Misc] Improved Licencing
- [Deprecation] Deprecate the older Govee Drivers.

Version 20241224 - 24-DEC-2024

- [Bug] Feedback not being processed correctly in some circumstances (Local Light)
- [Optimisation] DriverCentral licencing is now fully removed (All)

Version 20240919 - 19-SEP-2024

- [Workaround] Add Ignore Device Feedback option for unsupported lan lights. This is not supported but may allow limited support of devices like H60A1 which are not supported officially by the LAN protocol

Version 20240917 - 16-SEP-2024

- [MAJOR UPDATE] LAN Control is now supported. LAN Control must be enabled and supported by devices. Light drivers must also be replaced by the new Light local driver.
- Backend improvements. Lots of changes to actions

Version 20240912 - 12-SEP-2024

- Improve Licencing

Version 20240806 - 06-AUG-2024

- Support for Chowmain Licencing
- Improved Troubleshooting
- Performance Improvements

Version 20240501 - 01-MAY-2024

- [Compatibility] Some devices may send incorrect online state. Workaround (Light V1, V2, Outlet)
- [Compatibility] Backend updates

Version 20240410 - 10-APR-2024

- [Bug] Fix Compatibility with some controllers

Version 20240404 - 04-APR-2024

- [Performance] Reduce HTTP Connections required by Driver for operation (All)
- [Performance] Further reduction of CPU spikes (All)
- [Compatibility] Future Compatibility Updates (All)
- [Performance] Other Miscellaneous Bug and performance improvements (All)

Version 20240215 - 15-FEB-2024

- [Bug] Fix Crash on Light which occurs after Controller reboot in some circumstances (Light V2)
- [Bug] CCT during Scenes was being incorrectly changed to the equivalent RGB. CCT Scenes now remain as CCT
- [Troubleshooting] Major new Diagnostics. Some Diagnostics take 24hrs to become fully active (All)
- [Troubleshooting] New Action. "Display All Related Diagnostics". This provides Diagnostics for all Govee Devices/Drivers in Project (All)
- [Performance] When Debugging is enabled, Up to 28x-100x speedup in logging performance improvement in some benchmarks of 10000 logs (ie, 6631ms vs 60ms in the best case).
- [Performance] Print and Cloud Debugging will switch to cloud only after 24hrs automatically.
- [Performance] Speed up some certain operations by 9ms-22ms (or more). Particularly on large Govee systems or slow controllers (such as a CA1), this may reduce CPU spikes, and in all cases, it will improve latency further (All)
- [Troubleshooting] Miscellaneous Troubleshooting Improvements

Version 20240118 - 18-JAN-2024

- (Troubleshooting) Add more feedback in logs (Agent)
- (Bug) Show Current Color Temperature Property Correctly (Light V2)
- (Usability) Improve Troubleshooting (All)
- (Optimise) Reduce Commands sent to server (Light V2)

- (Usability) Add Current Color Mode Property (Light V2)

Version 20231127 - 27-NOV-2023

- (Optimisation) Optimise Previous On Color Mode to allow different light modes to continue operating for brightness operations (Light V2) - Thanks Steve Stoytchev
- (Feature) Increase Maximum Poll Rate to 86400s (Agent)
- (Optimisation) Only Poll Attached Devices (Agent) - Thanks Steve Stoytchev
- Add Full OS3.3 Preset Support. Includes Dim-To-Warm Support and previous states (Light v2)

Version 20230522 - 22-MAY-2023

- Fix compatibility with Relay To Light and some other drivers (All) - Thanks Rob Riesenbeck

Version 20230322 - 22-MAR-2023

- Improve Daylight Agent Support (Light V2)
- Fix issue with default color capabilities (Light V2) - Thanks John Detoro

Version 20230215 - 15-FEB-2023

- Improve OS 3.3.2 Compatibility (Light V2)
- Modify default color capabilities (Light V2) - Thanks John Detoro

Version 20230210 - 10-FEB-2023

- Add new Quota Tracking Properties (All but Light V1)
- Update Diagnostics and Debug System (All)

Version 20230104 - 04-JAN-2023

- Improved Diagnostics And improve Creation of Bindings (All) - Thanks John Detoro
- Fix Composer Crash related to Current Color Property (Light V2) - Thanks John Detoro

Version 20220825 - 25-AUG-2022

- Enable Low Level Control4 Driver Optimisations. Controller must be rebooted after upgrade for optimisations to become active (All)
- Improve Diagnostics (All)
- Upgrade to our New Documentation System (All)

Version 20220804 - 04-AUG-2022

- Fix Minor Diagnostics bug (All)
- Upgrade Diagnostics System (All)

- Improve Fault detection (All)

Version 20220628 - 28-JUN-2022

- Fixes minor crash in some circumstances whilst polling for new feedback (Agent) - Thanks Anonymous via Diagnostic Submission
- Improve Locale Handling (Light V2)

Version 20220617 - 17-JUN-2022

This is a bugfix / Enhancement release

- Add Error Reporting (ALL)
- Redesign command system, to avoid hitting rate limits (Light V2)

Version 20220602 - 02-JUN-2022

This is a major new release

- Added New Govee Light V2 Driver for OS 3.3.0 or later (Light V2)
- Add Diagnostics and Submit Actions (All)
- Fix BUTTON_LINK (Light V1,Light V2)

It is recommended all users upgrade to Control4 OS 3.3.0 or later and switch to our newer Light V2 Driver

Version 20220216 - 16-FEB-2022

- Update Debugging (all)
- Fix LUA Error During First-Run (Agent)
- Minor cleanup
- Additional Backend Changes
- Fix Scenes in Light

Version 20211112 - 12-NOV-2021

- Further Improve Debugging

Version 20211005 - 05-OCT-2021

- Improve Debugging
- Fix Lua Error

Version 20210705 - 05-JUL-2023

- Initial release

