

Honeywell Vista EnvisaLink Installation and Usage Guide

The Honeywell logo is displayed in a bold, red, sans-serif font, centered within a light gray rectangular background.

Version: 20260928
Date: Sunday, September 27, 2026
Authors: Kevin Lam

chowmainsoft

Contents

Overview.....	4
Features.....	5
End User Alarm Interface Features.....	5
Installer Features.....	5
Setup Guide.....	6
Before you start, make sure that:.....	6
Add and connect the Chowmain Honeywell Visa EnvisaLink driver into the Control4 system.....	6
Driver Properties.....	8
Commands.....	8
Troubleshooting.....	9
If you are experiencing issues with the driver, follow these basic steps for troubleshooting.....	9
FAQ.....	10
What are the requirements for this driver?.....	10
What hardware will this work with?.....	10
Can I use this as an alternative to the HSIM?.....	10
Does the integration require the cloud?.....	10
What functionality is supported?.....	11
How does the integration work?.....	11
Are there any limitations?.....	11
Why is the Control4 UI constantly switching between ALARM and DISARMED_NOT_READY?.....	11
Do I need to replace my existing VISTA security panel?.....	11
Can security zones be used for Control4 automation?.....	12
I want to try this driver before buying it. Is there a trial?.....	12
Licensing.....	13
Marketplace.....	13
To Purchase drivers.....	13
Create Chowmain Project and obtain Project Code.....	13
To Assign purchased drivers to Project.....	14
Control4.....	16
To Download and install Chowmain drivers:.....	16
Install Chowmain Agent.....	17

Link Project Code to Control4 Project.....	18
LICENCING FAQ.....	18
What are the Requirements for Chowmain licencing?.....	18
How do I know if the deployed driver is using Chowmain Licencing?.....	18
How does the trial period work?.....	19
What benefits does Chowmain Project Agent provide?.....	19
Where do I buy a Licence from?.....	20
Can I upgrade old versions of drivers from other marketplaces to Chowmain?.....	20
Developer Information.....	21
Support.....	22
Ticket / Live Chat Support.....	22
Phone Support.....	22
Driver Documentation.....	22
Change Log.....	23
Version 20260928 - 28-SEP-2026.....	23

Overview

The Honeywell VISTA EnvisaLink driver brings compatible Honeywell/Resideo VISTA security systems into Control4 using the EyezOn EnvisaLink module.

The EyezOn EnvisaLink is a local Ethernet interface that connects directly to the security panel and provides reliable two-way communications over the local network, enabling fast and responsive integration without relying on cloud services.

Supported Honeywell/Resideo panels include the Vista20P, 21iP, 15P, 10P, 128P, and 250P.

Once integrated, users can arm and disarm their security system from Control4 while receiving real-time feedback for arm state, disarm state, alarm conditions and individual security zones. All of this feedback can also be used within Control4 programming, allowing security events and zone activity to trigger lighting, notifications, automation sequences and other actions throughout the Control4 system.

Features

End User Alarm Interface Features

- Away, Stay, Instant, and Disarm Modes
- Virtual Keypad
- Zone List and feedback

Installer Features

- Easy Push / Email Notifications via simple drop-down properties in the driver (Control4 Connect Required)
 - Arming
 - Disarming
 - Alarm
 - Trouble
- Driver Events
 - Low Battery
 - Low Battery Restored
 - AC Power Loss
 - AC Power Loss Restored
 - System Trouble
 - System Trouble Restored
 - Partition Armed (Away)
 - Partition Armed (Stay)
 - Partition Armed (Instant)
 - Partition Exit Delay Started
 - Partition Exit Delay Ended
 - Partition Entry Delay Started
 - Partition Entry Delay Ended
 - Partition Alarm
- Programmable Commands
 - Send Custom Keypress
- Easy Auto Setup of Zone contact drivers.
- Flash Lights on Alarm.

Setup Guide

Before you start, make sure that:

- You have access to Composer Pro and your Control4 system. Composer Express is not supported.
- Your Control4 system is on OS 3.4+.
- The EnvisaLink Module is installed/configured/accessible on the network. Ensure the IP Address is static or MAC reserved on the network.
- IP/GSM support must also be enabled on the VISTA panel.
 1. Enter Programming Mode on the Honeywell VISTA keypad by entering the Installer Code followed by 800. The factory default Installer Code is commonly 4112..
 2. Enter *29 to access the IP/GSM programming section..
 3. On older panels, enter 1. Three beeps indicate that the setting has been saved..
 4. On newer panels that do not respond with three beeps, enter * 0 * * or 1 * 0 * * ..
 5. Exit Programming Mode by entering *99..

Add and connect the Chowmain Honeywell Visa EnvisaLink driver into the Control4 system.

1. Select Driver > "Add or Update Driver or Agent" from the toolbar in the top left of Composer Pro and add the Chowmain EliteAlarms driver.

Name	Date modified	Type
chowmain_honeywell_vista_envisalink.c4z	25/09/2026 3:04 pm	C4Z File

2. Add the Honeywell Vista EnvisaLink (Chowmain) Driver into your project.

Items

Locations

Discovered

My Drivers

Search

honeywell

Clear

☒ Local

☐ Online

☐ Certified

Advanced ^

Category - All

Type - All

Manufacturer - All

Control - All

Sort

Relevance

Honeywell Vista EnvisaLink (Chowmain)

Chowmain | Security Panel

3. Configure Driver Properties - details below

Driver Setup

Show Driver Setup	True
Transmit Delay Between Commands (ms)	100
Password	*****
Number of Zones	4
Zone Dump Interval	30 This is an interval (measured in seconds) where Envisalink will dump out all zone statuses. This is required for Honeywell systems, which do not properly send zone closure events.
Code Required to Arm	False
Default User Code	----
Fire Emergency Key Presses	
Medical Emergency Key Presses	
Panic Emergency Key Presses	
Police Emergency Key Presses	
Flash Lights on Alarm	Select

Partition 1 Settings

Partition 1 Exit Delay (seconds)	60
Partition 1 Entry Delay (seconds)	30

4. Make Driver Connection to Panel

Identify: Kevin->Honeywell Vista Envisalink (Chowmain)
 ✕



DriverWorks

Cause identification to be sent from the Device controlled by this driver or Type the network address below.

172.16.17.90

Disconnect

< Previous
Next >
Close

5. Driver will attempt connection to the Alarm Panel. Upon successful configuration, the driver status will show "Online".

6. Configure Zone Names and Types.

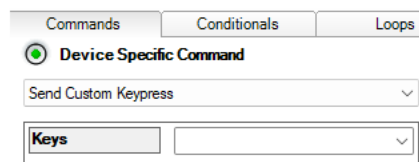
Properties				
Properties				
Partitions		Zones		
#	Name	Type	State	Can Control
1	Living PIR	Motion Sensor	—	☐
2	Dining PIR	Motion Sensor	—	☐
3	Smoke Detector	Smoke	—	☐
4	Front Door	Interior Door	—	☐

7. Refresh Navigators.

Driver Properties

- **Status** - Basic information on the driver.
- **Last Received Message** - last message received from the panel.
- **Transmit Delay Between Commands (ms)** - Sets the period to wait between sending keypresses to the panel. Increase or decrease accordingly.
- **Password** - Password used to access the EnvisaLink Module. (Default for the EnvisaLink 4 Module is the last 6 digits of the MAC Address)
- **Number of Zones** - Number of zones to setup on the driver.
- **Zone Dump Interval** - This is an interval (measured in seconds) where Envisalink will dump out all zone statuses. This is required for Honeywell systems, which do not properly send zone closure events.
- **Code Required To Arm** - Sets whether a User Pin is prompted when Arming from the UI.
- **Default User Code** - Enter user code used for Arming purposes.
- **Fire Emergency Key Presses** - Enter Key Presses to send if the Fire Emergency is activated from Control4.
- **Medical Emergency Key Presses** - Enter Key Presses to send if the Medical Emergency is activated from Control4.
- **Panic Emergency Key Presses** - Enter Key Presses to send if the Panic Emergency is activated from Control4.
- **Police Emergency Key Presses** - Enter Key Presses to send if the Police Emergency is activated from Control4.
- **Flash Lights on Alarm** - Configures controllable lights to turn on and off when an area is in the Alarm state
- **Partition Exit Delay** - Exit delay seconds to use when the driver receives the exit delay state.
- **Partition Entry Delay** - Entry delay seconds to use when the driver receives the entry delay state.
- **Automatic Notifications (4Sight Required)** - Provides an easy way to provide push and email notifications
 - Notify On Arming: Sends a notification when panel is armed.
 - Notify On Disarming: Sends a notification when panel is disarmed.
 - Notify On Alarm: Sends a notification when panel is in Alarm mode.
 - Notify On Trouble: Sends a notification when the panel is reporting trouble.

Commands



Commands Conditional Loops

Device Specific Command

Send Custom Keypress

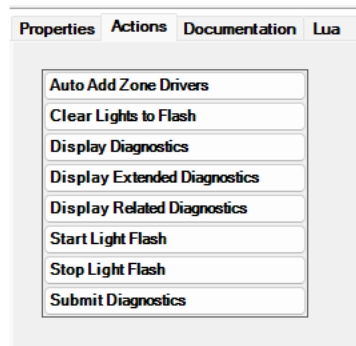
Keys

- **Send Custom Keypress** - Sends custom keypresses to the Partition.

Troubleshooting

If you are experiencing issues with the driver, follow these basic steps for troubleshooting.

1. In the driver actions, Select "Display Diagnostics"



2. Navigate to the Lua window. This should show common issues if any are found
3. If you are able to replicate the issue, turn on Print >> Debug



4. Navigate to the Lua window, replicate the issue, save the contents of the Lua window.
5. Contact Chowmain for technical support. [Link Here](#)

FAQ

What are the requirements for this driver?

The driver requires an [EyezOn EnvisaLink module](#) connected to a compatible Honeywell/Resideo VISTA security panel and the local network.

IP/GSM support must also be enabled on the VISTA panel.

To enable this:

1. Enter Programming Mode on the Honeywell VISTA keypad by entering the Installer Code followed by 800. The factory default Installer Code is commonly 4112..
2. Enter *29 to access the IP/GSM programming section..
3. On older panels, enter 1. Three beeps indicate that the setting has been saved..
4. On newer panels that do not respond with three beeps, enter * 0 * * or 1 * 0 * *..
5. Exit Programming Mode by entering *99..

Refer to the EyezOn installation documentation for your specific VISTA panel and EnvisaLink model when installing and configuring the hardware.

What hardware will this work with?

The EyezOn EnvisaLink supports the Honeywell/Resideo VISTA-10P, VISTA-15P, VISTA-20P, VISTA-21iP, VISTA-48P, VISTA-128P and VISTA-250P security panels.

An EyezOn EnvisaLink module is required for communication between Control4 and the security panel.

Can I use this as an alternative to the HSIM?

Yes. This integration provides an alternative method of integrating compatible Honeywell/Resideo VISTA security panels with Control4 without requiring the legacy HSIM hardware.

The EnvisaLink connects directly to the VISTA keypad bus and provides an Ethernet interface for local two-way communications. This makes it particularly useful for new installations or existing VISTA systems where an HSIM module is unavailable or needs to be replaced.

Unlike the HSIM's RS-232 interface, EnvisaLink communicates with Control4 over the local IP network.

Does the integration require the cloud?

No. Communication between the Control4 driver and the EnvisaLink module occurs locally over Ethernet.

The EnvisaLink offers optional EyezOn cloud services for additional functionality, but these services are not required for normal Control4 integration.

What functionality is supported?

The driver provides arm and disarm control along with real-time monitoring of the security system's arm state, disarm state, alarm conditions and individual security zones.

Arm, disarm, alarm and zone feedback can also be used within Control4 programming. This allows security events to trigger lighting, notifications, automation sequences and other actions throughout the Control4 system.

How does the integration work?

The EnvisaLink connects to the Honeywell VISTA keypad bus and acts as an interface between the security panel and the local Ethernet network.

The Control4 driver communicates directly with the EnvisaLink using its local integration protocol. Commands sent from Control4 are passed to the VISTA panel, while panel status and security events are returned to Control4 for feedback and programming.

Are there any limitations?

- The driver is currently limited to Partition 1.
- Honeywell/Ademco VISTA panels provide real-time notification when a zone is faulted, such as when a door or window is opened, but do not always provide a corresponding real-time notification when the zone is restored.
- The EnvisaLink attempts to determine when a zone has been restored using information such as partition state, the amount of time since the fault was reported and the sequence of zone events. As a result, after a zone is restored it may take 60 seconds or more before EnvisaLink reports the zone as restored.
- Zone information may also be limited while the security system is armed due to the way the VISTA panel reports keypad-bus information.
- There are no output control capabilities.

Why is the Control4 UI constantly switching between ALARM and DISARMED_NOT_READY?

This normally indicates that there is an Alarm in Memory on the VISTA panel.

Select the alarm within the Control4 security interface and enter the security system User Code to acknowledge and clear the previous alarm condition.

Do I need to replace my existing VISTA security panel?

No. The purpose of the EnvisaLink integration is to add Control4 connectivity to a compatible existing VISTA panel.

The EnvisaLink module connects to the panel's keypad bus, so in most installations the existing security panel, keypads, sensors and zones can remain in place.

Can security zones be used for Control4 automation?

Yes. Zone state feedback can be used within Control4 programming just like other system events.

For example, opening a door could turn on lighting, a motion zone could trigger automation, or an alarm condition could initiate notifications and other programmed actions.

I want to try this driver before buying it. Is there a trial?

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

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.

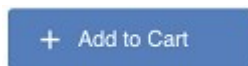
1. Navigate to the login page of Chowmain website: [Chowmain - Login](#)
2. Sign in using credentials provided after sign up request approval
3. Ensure you are logged into the website using website's header: registration and sign up buttons are replaced with cart icon and user icon



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](#)

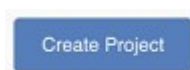
- If the controller has been replaced and the license needs to be transferred to a new controller you can do so yourself via the website

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			
101	XXXXXX			

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.

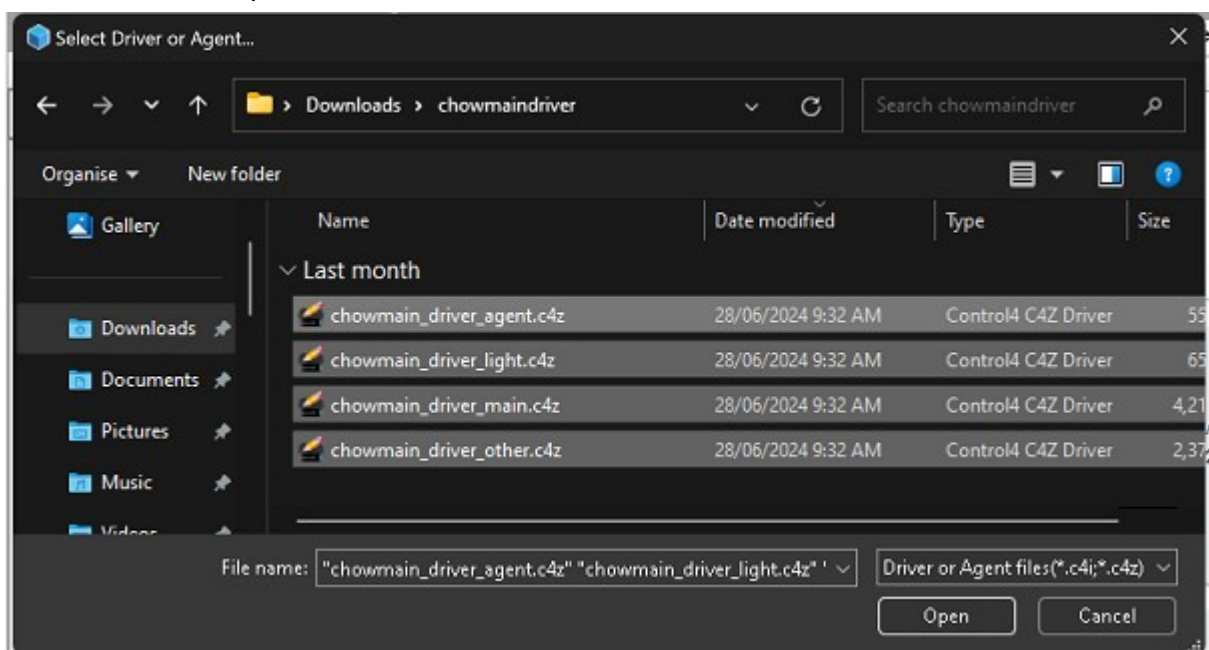
1. Visit: <https://chowmain.software>
2. Search and locate your driver, and click into the details by clicking the picture or heading.
3. Select Download. And extract the contents of the downloaded Zip file to a temporary directory



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

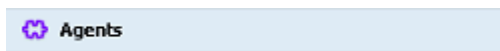
1. Download Chowmain Project Agent From the [Chowmain Project Agent Page](#)
2. Open Project In Composer Pro. Composer Express does not Support Agents and cannot be used
3. Navigate to the *Driver=>Add Or Update Driver Or Agent* menu item



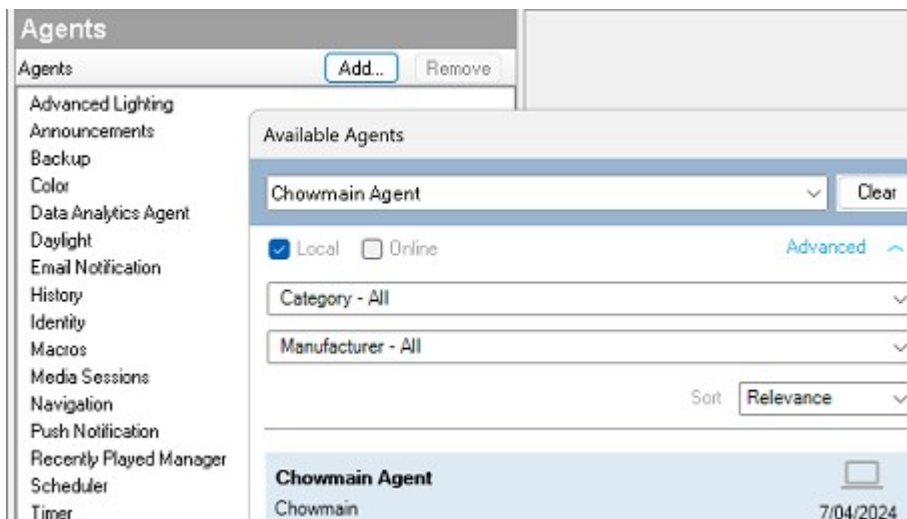
4. Add the *agent_chowmain.c4z* file



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

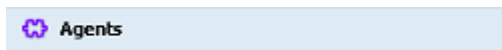


7. *Chowmain Agent* should be listed in the project.



Link Project Code to Control4 Project

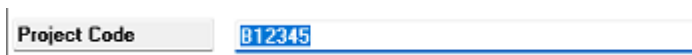
1. Ensure *Chowmain Agent* is installed on primary Control4 Controller. If not, follow the previous information
2. Navigate to the Agents View in Composer Pro



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?

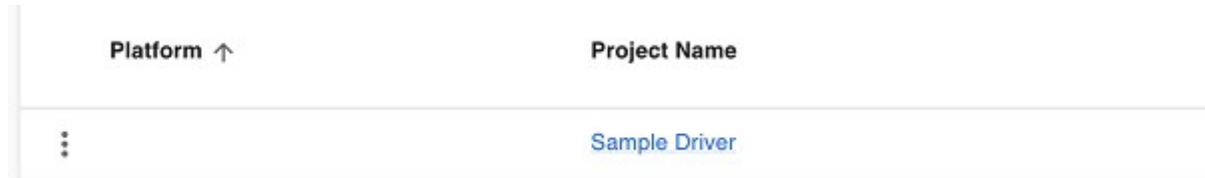
- There are multiple ways:

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

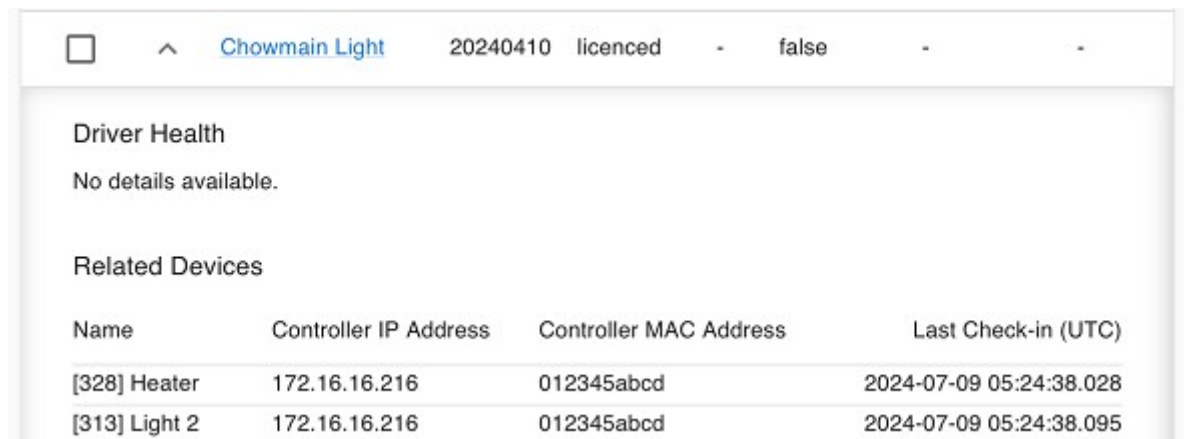


2. If the *Project Code* has been correctly entered in Chowmain Project Agent and the project is registered, you can find the list of Chowmain-licensed drivers deployed on your controller using the Chowmain website.

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



Copyright © 2026 Chowmain Ltd. <https://www.chowmainsoft.com>

All information contained herein is, and remains the property of Chowmain Ltd and its suppliers, if any. The intellectual and technical concepts contained herein are proprietary to Chowmain Ltd and its suppliers and may be covered by U.S. and Foreign Patents, patents in process, and are protected by trade secret or copyright law. Dissemination of this information or reproduction of this material is strictly forbidden unless prior written permission is obtained from Chowmain Ltd.

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 20260928 - 28-SEP-2026

- Initial release