

RYSE SmartShades Installation and Usage Guide



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chowmainsoft

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RYSE develops innovative window covering solutions that blend intelligence with simplicity. RYSE SmartShade is an affordable and easy way to motorize your window shades. Using beautiful design and innovative software, SmartShades is a smart device that lets you easily control and schedule when your shades open and close, making your home more comfortable and secure. You'll never have to touch your window shades again.

Are you looking to get motorized blinds but don't want to pay the high price tag or deal with the complex installation and having to replace the perfect window shades you already own?

RYSE SmartShades is an upgrade for the blinds and shades you already own and love. Simply attach it to your blind's chain or cord loop to transform them into smart blinds. Installation couldn't be simpler and it only takes a few minutes.

RYSE SmartShades works with any window covering that uses a looped beaded chain or continuous cord loop. From roller shades to vertical blinds, regardless of brand or size.

Features

- Up / Down / position control of blinds
- One-Click AutoSetup of blinds
- Easily display Gateway information including:
 - Firmware
 - Hardware Revision
- Easily Display and Variables for each Blind including:
 - Hardware Revision
 - Firmware
 - Battery Level
 - Serial
 - Position
 - Power Type
 - Blind Position
- Easily Notify of Low battery level of blinds.

Setup

1. Setup Blinds and SmartBridge using the RYSE Mobile App
2. Add RYSE SmartBridge Driver to Control4 Project
3. Set IP Address of SmartBridge, Get Latest Devices, and run Auto-Setup

An active 4Sight Subscription is required for Low Battery notifications

SmartBridge

Actions

- Auto Setup Drivers: Automatically Setup Blinds in Control4 Project
- Display Diagnostics: Use to run basic troubleshooting. Diagnostics assistance will be provided in the LUA Output window
- Display Known Devices: Displays a list of known blinds and gateways
- Get Latest Devices: Get the latest devices from the SmartBridge. This is normally not required
- Purge Known Devices: Delete and unbind all known devices
- Submit Diagnostics: Use to send diagnostic information to Chowmain. A reference number will be provided in the LUA Output window

Commands

- N/A

Properties

- Cloud Status: Licencing Status of the Driver
- Driver Version: Version of the Driver
- Automatic Updates: Whether or not the driver will automatically update the driver
- Control4 MAC Address: MAC Address of the C4 Controller
- Debug Mode: Enable different types of debugging modes for driver.
- Debug Level: Verbosity of debugging. ERROR is the least verbose
- Error Reporting: Enables Automatic fault reports to Chowmain

Driver Information

- Bridge Poll Rate (ms): Rate to poll the SmartBridge for blind availability
- Blind Poll Rate (ms): Rate to poll the SmartBridge for blind status
- IP Address: IP Address of the SmartBridge being connected to. Required for operation
- Automatic Notifications (4Sight Required): Enables automatic Email or Push notifications for different events
 - Email Address: Target Email Address for events (if email is enabled)
 - Notify On Low Battery: Enables notifications for low battery events

States

- Status: Communication and driver status
- Gateways Detected: Total number of SmartBridge Units detected
- Blinds Detected: Total number of blinds detected

SmartShade

Actions

- Display Diagnostics: Use to run basic troubleshooting. Diagnostics assistance will be provided in the LUA Output window
- Submit Diagnostics: Use to send diagnostic information to Chowmain. A reference number will be provided in the LUA Output window

Commands

- All Commands are native Control4 Commands

Properties

- Cloud Status: Licencing Status of the Driver
- Driver Version: Version of the Driver
- Automatic Updates: Whether or not the driver will automatically update the driver
- Control4 MAC Address: MAC Address of the C4 Controller
- Debug Mode: Enable different types of debugging modes for driver.
- Debug Level: Verbosity of debugging. ERROR is the least verbose
- Error Reporting: Enables Automatic fault reports to Chowmain

Driver Information

- Auto-Rename: Auto-Rename the driver using information set on the RYSE App

Status

- Device ID: Device ID to Control
- Device Name: Device Name to Control
- Connection Status: Connection Status of the Blind
- Hardware Version: Hardware Version of the Blind
- Firmware Version: Firmware Version of the Blind
- Serial Number: Serial Number of the blind. This may not be available on all blinds
- Power Level: Battery Power Level
- Power Type: Type of Power being used to Power the blind

Frequently Asked Questions

What cool things can I do with this driver?

- Open, Close and Set Position of Blinds using Control4
- Schedule blinds to open and close automatically using programming
- Get notifications via 4Sight when battery is low

Is Internet Required to use this driver?

- This driver uses local LAN for control. Internet is not required.

What Hardware is Required?

- You must have a RYSE SmartBridge to use this driver and stable LAN connection.

Auto-Setup is not operating correctly

- Ensure you are running OS 3.3.2 or later.

Where can i find out more about RYSE?

You can find out more about RYSE products via the RYSE website: <https://www.helloryse.com>

How do we know when the battery level is low?

The driver pulls in the battery level information as a variable. For simple programming and display we recommend utilising the Chowmain Battery Indicator driver.

I want to try this driver out before buying it?

- 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](#)

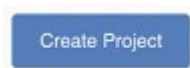
- If the controller has been replaced and the license needs to be transferred to a new controller you can do so yourself via the website

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

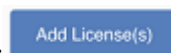
NOTE: Driver must already be purchased and a Project Code must be created as per above 'Create Chowmain Project and obtain Project Code' section

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

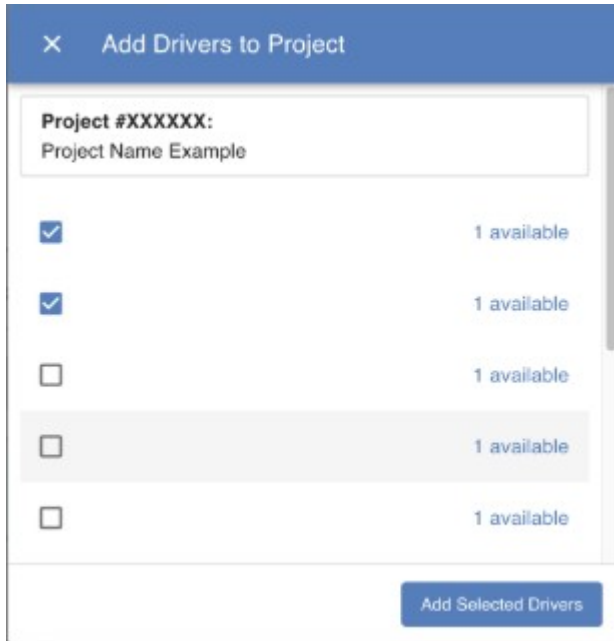
Project Name	Project Code	Licensed	Showroom	Platform ↑
100	XXXXXX	0	✓	
101	XXXXXX	0	✗	

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*:



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.

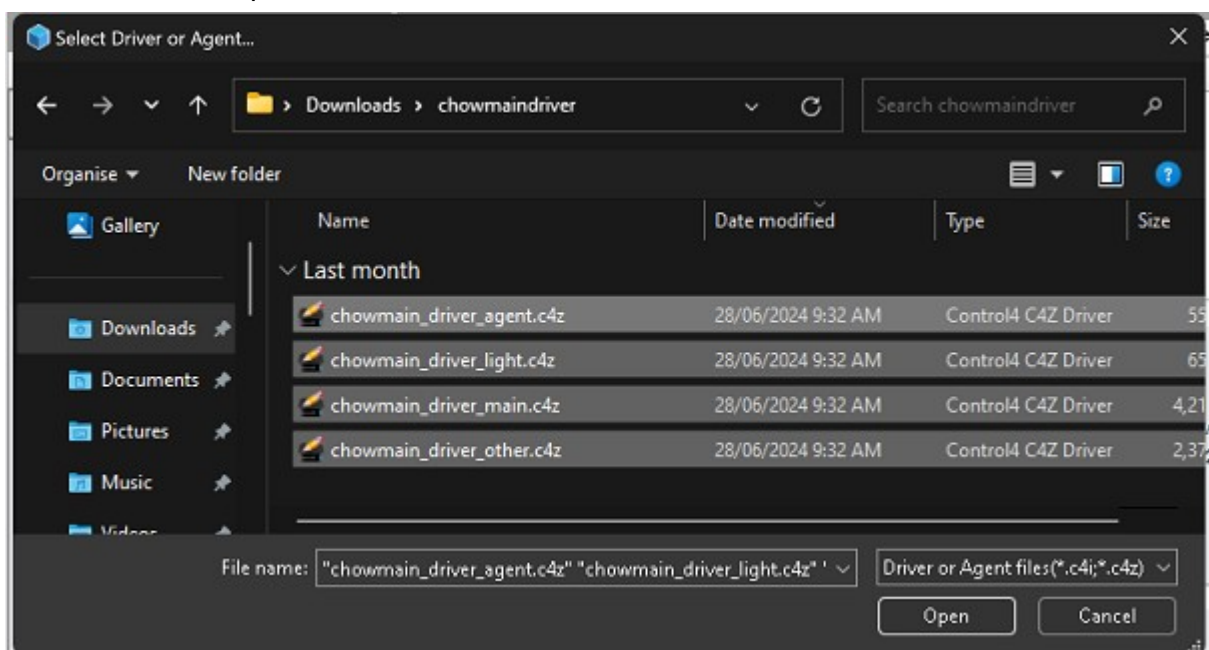
1. Visit: <https://chowmain.software>
2. Search and locate your driver, and click into the details by clicking the picture or heading.
3. Select Download. And extract the contents of the downloaded Zip file to a temporary directory



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

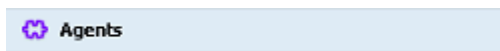
1. Download Chowmain Project Agent From the [Chowmain Project Agent Page](#)
2. Open Project In Composer Pro. Composer Express does not Support Agents and cannot be used
3. Navigate to the *Driver=>Add Or Update Driver Or Agent* menu item



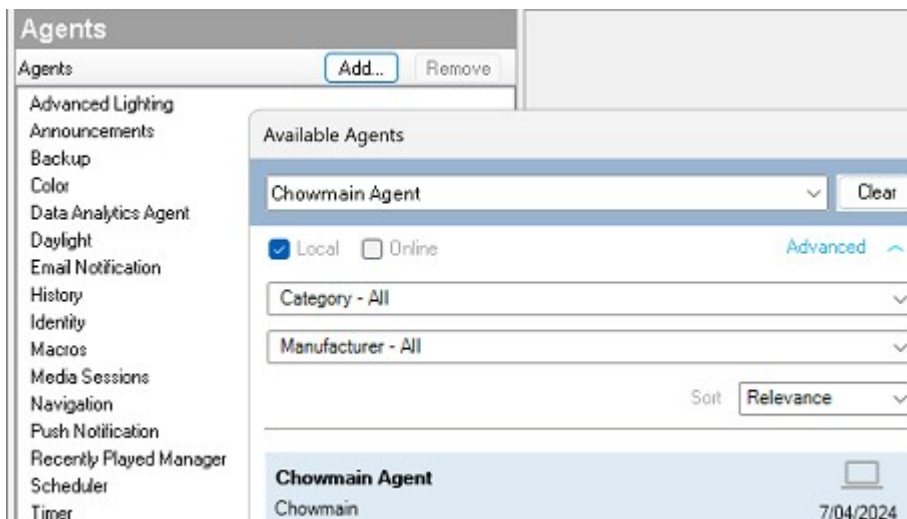
4. Add the *agent_chowmain.c4z* file



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

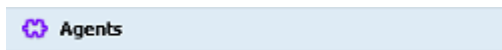


7. *Chowmain Agent* should be listed in the project.



Link Project Code to Control4 Project

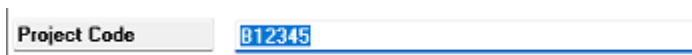
1. Ensure *Chowmain Agent* is installed on primary Control4 Controller. If not, follow the previous information
2. Navigate to the Agents View in Composer Pro



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?

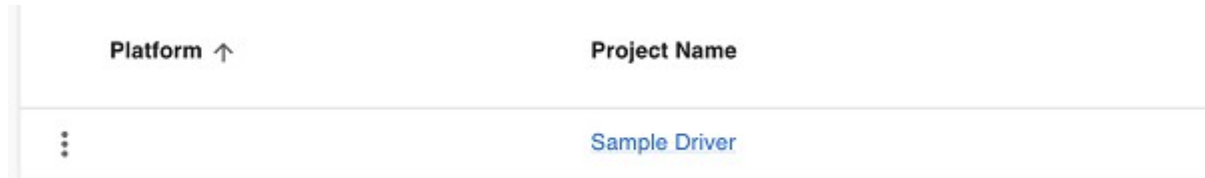
- There are multiple ways:

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

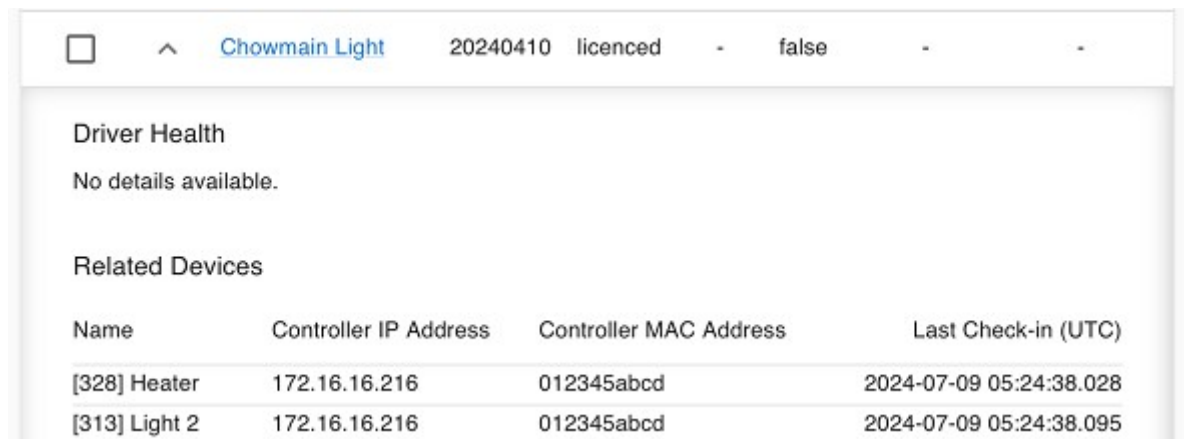


2. If the *Project Code* has been correctly entered in Chowmain Project Agent and the project is registered, you can find the list of Chowmain-licensed drivers deployed on your controller using the Chowmain website.

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 20260501 - 01-MAY-2026

- Reduce network connections in some cases
- Update Troubleshooting and licencing

Version 20240806 - 06-AUG-2024

- Support for Chowmain Licencing
- Improved Troubleshooting
- Performance Improvements

Version 20240312

- [Performance] Huge Cumulative Performance Fixes (All)
 - Major Logging Improvements in all cases. In one scenario, performance improved from 6.6s to 0.063 seconds. Speed improves more than 110x in some cases
 - Major Backend improvements where some operations improved from 22ms to less than 1ms
 - Major Memory Usage Improvements (All)
 - Turn off Print Debugging automatically after 24 hours (all)
 - Improve Loading Times
- [Performance] Major Memory Usage Improvements (All)
- [Bug] Preventative Bug Fixes (All)
- [Troubleshooting] Extended Tests Action is now available. This runs advanced controller tests to help identify if controller is potentially performing incorrectly (all)
- [Troubleshooting] Display Related Tests Action is now available. Shows Diagnostics from all RYSE drivers simultaneously
- [Misc] Huge other Backend improvements. Too many to mention
- [Bug] Reduce Memory Usage of MDNS Ptr Records which occurs on some networks (Gateway)

Version 20230417

Initial release