

# WATER AGENT

## INSTALLERS GUIDE

BASIC SETUP  
& FEATURES

BROUGHT TO YOU BY:



## OVERVIEW

With the Water Agent, water solutions can now be integrated into Control4 as well! The Water Agent is designed to streamline water installations. The driver includes automatic water sensor alerts and shut off water valves.

## FEATURES

- Supports Cinegration Trial and Showroom license
  - Works with any contact closure water sensor
    - Dammit/C&S Water sensors
    - DSC
    - Card Access
  - Water/Leak detection and reporting to customer
  - Monitors 'is flowing' state if available on water device (email: [drivers@cinegration.com](mailto:drivers@cinegration.com))
  - Automatic email, push, touchscreen popup and voice alerts (voice alerts using the Cinegration Voice Agent)
  - No dealer programming required
  - Works with History Agent
- See FEATURES section for more details

## CONTENTS

01. INTRO & CONTENTS

02. DRIVER INFO

03. DRIVERCENTRAL FEATURES

04. SETUP

06. FEATURES



## WATER AGENT

### COMPATIBLE CONTROL4 SYSTEMS |

Functional with 2.9.1+ though certain features are designed specifically for 3.0+

### COMPATIBLE HARDWARE |

Works with any contact closure water sensor

### CHANGE LOG |

Please visit <https://www.drivercentral.io>

## DRIVER LICENSE ACTIVATION |

A single license will unlock as many instances of the driver as needed in your project. Cloud Driver is required to activate all DriverCentral licenses and trials. Here is a quick video that demonstrates the licensing process: <https://www.youtube.com/watch?v=-wVmB5wjbM&t=5s>

## SHOWROOM AND FREE TRIAL |

All Cinegration Development drivers for Control4 come with a 7-day trial. Simply add the DriverCentral licensing driver along with this driver and you can fully test the driver before purchasing. Including Cinegration Development drivers in your showroom project will give you unlimited use without purchase.

## WARRANTY & DISCLAIMER |

Cinegration strives to provide fully working drivers without defects. However, changes and bugs may be found. Because of this, any bug/maintenance update to this driver will be free of charge. Due to the ever-changing nature of computer and audio/video systems, if a new version of the Control4 software creates issues with this driver, or feature enhancements, an upgrade version will be provided for an additional expense or free as determined by Cinegration.

This driver contains code written by Cinegration LLC. Any modification to this driver without the express written permission or without the express consent by Cinegration will void all warranties, constitute a ban on all drivers released by Cinegration and potentially legal action.

## EASY LICENSING & DRIVER MAINTENANCE

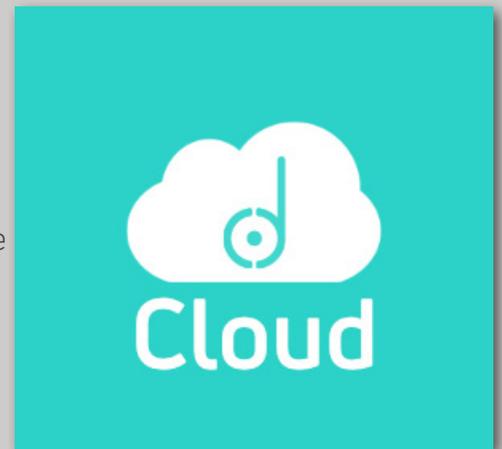


### PROJECTS PORTAL

The projects portal is designed with the dealer in mind. Keep track of all of your licenses and projects while keeping your drivers current with ease. The portal is your license management system that allows for seamless control. Add, remove, rename projects or assign your brand new driver license to a customer project. You may even receive notifications if your projects have fallen offline in turn being more aware of your customers unexpected needs. You may also select to update drivers due for an upgrade, either per project or all projects found in the portal in just one click.

### CLOUD DRIVER

Licensing your whole project without the need to type in a license key and more are handled by the Cloud Driver. The driver connects all of your driver central projects to the physical projects you are working on. The project token is the key that connects the project portal to the DriverCentral drivers in your project in order to activate licenses, activate showrooms, and even start free trials which come with all DriverCentral drivers. On top of that it lets you to update your drivers directly from the projects portal. It even allows the set it and forget it method by turning on the auto update features available in all DriverCentral drivers.



### AUTOMATIC UPDATES

The aforementioned set it and forget it method. All DriverCentral drivers allow the dealers to turn on the Automatic Updates feature if desired. With this enabled you can rest assured that your customers have the latest features and software fixes implemented in their projects. To save time you may even use the Cloud Driver to turn all drivers with this feature in your project on or off with a couple of clicks.

Automatic Updates

On

### EASY DEBUGGING

All of our drivers come with debug modes that can assist us in helping you if you ever run into any issues. If you ever need assistance with DriverCentral drivers or the site contact the Driver Ninja by visiting [help.drivercentral.io](http://help.drivercentral.io)

Debug Mode

Off

## CONTROL4 DRIVER SETUP |

a. Add driver to project

**Items**

Locations | Discovered | My Drivers | Search

water

Local  Online  Certified Only [Clear Search](#)

Category: -- All Categories --

Type: -- All Types --

Manufacturer: -- All Manufacturers --

Control Method: All Methods Sort: Relevance

Water Sensor  
Generic 12/17/2014 4:23 PM Local

**Water Agent**  
Cinegration LLC 2/21/2019 10:01 AM Local

System Design

**Connections**

Media

Agents

Programming

b. Make bindings to water sensors. Sensor binding will auto populate. You will need to click off and back onto driver for next sensor to appear. Optionally, make binding to relay valve.

### Control & Audio Video Connections

Water Agent

Name	Type	Connection	Input/Output	Connected To
<b>Control Inputs</b>				
Water Valve Control	Control	RELAY	Input	
Water Sensor	Control	CONTACT_SENSOR	Input	

## CONTROL4 DRIVER SETUP |

c. Customize driver settings and notifications (see the Features pages for more details).

The screenshot shows the Control4 software interface. On the left is a navigation menu with the following items: System Design (highlighted with a blue bar and an orange arrow pointing right), Connections, Media, Agents, and Programming. On the right is the 'Driver Settings' configuration window. It is divided into several sections: 'Driver State' with a text input field; 'Valve Direction' with a dropdown menu set to 'Normal'; 'Notification Settings' with a 'Water Events' dropdown menu set to '(Select)' and a button labeled 'Adjust notifications and automatic actions'; 'Email/Text Notification Settings' with three text input fields for 'Email: Service', 'Email: Customer', and 'Email: Subject' (set to 'My Control4 Smart Home'); 'UI Settings' with three dropdown menus for 'UIButton: Single Tap' (set to 'Display Status'), 'UIButton: Double Tap' (set to 'Clear Leak Alarm'), and 'Icon Style' (set to 'standard'); and a 'Control4 Navigators' section with a dropdown menu set to 'UIDevice (23). T3 7" Tabletop' and a 'Select' button.

d. Refresh Navigators

The screenshot shows the top menu bar of the Control4 software with the following items: File, Driver, Go, Tools, and Help. The 'File' menu is open, showing the following options: Clear Project (Ctrl+N), Load Project (Ctrl+O), Cloud Management, Backup to Cloud, Connect to Director, Disconnect from Director, Back Up (Ctrl+S), Back Up As, Refresh (F5), Refresh Navigators (Shift+F5, highlighted with a blue bar and an orange arrow pointing down), Validate Project (Ctrl+F5), and Exit.

Your driver setup is now complete!

If you require additional assistance or are having some issues please visit our help desk:

<https://help.drivercentral.io>

We are always looking to improve our drivers. Please send your suggestions to:

[info@cinev.com](mailto:info@cinev.com)

## NOTIFICATION SETTINGS |

Customize the kinds of notifications you and your client would like to receive based on events in the driver. Your customer can receive push notifications or emails when they are away. When at home they can choose receive the notifications via touchscreen or perhaps receive voice notifications when an event occurs. The driver is built in with certain defaults that the developers believed would be suitable for an average customer though the dealer may customize as they please. Messages may also be customized with composer variables being inserted in the notification.

4sight NOT required for text and email notifications!

Water Events	OFFLINE	NORMAL	Display Status	LEAK
<i>Description</i>	When driver is not working or deactivated	When no leaks are detected and water valve is on	Status report displaying state, message and history information	When there is a leak detected from water sensors
<i>Message</i>	[NAME] is offline or not communicating with Control4	[NAME] has returned to normal	n/a	Water leak detected from [LEAK_DEVICE]
<b>Driver Defaults</b>				
<i>Push</i>	Alert	No	Alert	Alarm
<i>Customer Email</i>	No	No	No	Yes
<i>Service Email</i>	No	No	No	Yes
<i>Voice</i>	n/a	No	n/a	Touchscreens
<i>Navigators</i>	n/a	No	Yes	Yes
<i>Water Valve</i>	n/a	n/a	n/a	Turn Off
<i>Silence Alerts</i>	n/a	n/a	n/a	No

Water Events	FLOWING	WATER_OFF	ALERT
<i>Description</i>	When water is flowing in home	When the water valve has been turned off	When a general alert happens (High Water, Low Pressure)
<i>Message</i>	Water is flowing at [FLOW] per minute	Water has been turned off	[NAME] is in alert. [ALERT]
<b>Driver Defaults</b>			
<i>Push</i>	No	Alert	Alert
<i>Customer Email</i>	No	Yes	Yes
<i>Service Email</i>	No	No	No
<i>Voice</i>	No	Touchscreens	No
<i>Navigators</i>	No	Yes	Yes
<i>Water Valve</i>	Nothing	n/a	Nothing
<i>Silence Alerts</i>	n/a	No	No

## DRIVER SETTINGS |

These settings allow you to control the primary properties of the driver:

*Driver State:* Reports the current state of the driver as well as its date/time of occurrence

*Valve Direction:* Choose between Normal and Inverted Valve

## EMAIL/TEXT NOTIFICATION SETTINGS |

The email/text notifications set under Notification Settings may require an email address to send the email to. Here you may set both the Service email as well as Customer email preferences under the Email: Service and Email: Customer fields, respectively. You may also customize the subject line of the email in the Email: Subject field. In order to receive the notification to text enter the recipient's phone number followed by the correct carrier domain in the email section:

*AT&T:* [number]@txt.att.net (SMS), number@mms.att.net (MMS)

*T-Mobile:* [number]@tmomail.net (SMS & MMS)

*Verizon:* [number]@vtext.com (SMS)

*Sprint:* [number]@messaging.sprintpcs.com (SMS), number@pm.sprint.com (MMS)

*Note:* Verizon does not allow MMS via this method with our email service. Only SMS (no picture) alerts are allowed.

A test email may be sent to verify functionality by going into Driver Actions and selecting the Test Service Email or Test Customer Email

**Again, 4sight NOT required for text and email notifications!**

## UI SETTINGS |

### UI Button: Single Tap and Double Tap

- Clear Leak Alarm*: Reset the driver after Leak Alarm event
- Display Status*: Displays status of driver based on the set Notification Settings
- Nothing*: Disable Single Tap or Double Tap actions
- Simulate Leak Alarm*: Simulates driver reaction to a potential leak
- Toggle Water Valve*: Switch between the Turn Water Valve On and Off state of the driver
- Turn Water Valve Off*: Set device to the Water Valve Off state
- Turn Water Valve On*: Set device to the Water Valve On state

Icon Styles to choose from (see section "ICON STYLES" for more details):

- Water\_droplet
- Standard

<b>UI Button: Single Tap &amp; Double Tap</b>	Customize actions associated with a single tap or double tap of the icon: <i>Clear Leak Alarm, Display Status, Nothing, Simulate Leak Alarm, Toggle Water Valve, Turn Water Off, Turn Water On</i>			
<b>Icon Style</b>	Customize Icon Style to match your preference (see section "ICON STYLES" for more details)			
	Styles to choose from:	<table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td style="text-align: center;"><i>Standard</i></td> <td style="text-align: center;"><i>Water_droplet</i></td> </tr> </table>	<i>Standard</i>	<i>Water_droplet</i>
<i>Standard</i>	<i>Water_droplet</i>			
<b>Control4 Navigators</b>	Select the Touch Screens to receive Navigator notifications.			

## DEFAULT ROOMS |

- By default the UI button will be added to the following rooms after installing the driver:
- Security Section in all rooms in the project

## ICON STYLES |

Many Cinegration Development LLC drivers come with customizable icons, including the Water Agent. If you would like your own custom icons loaded into the driver, please email: [drivers@cinegration.com](mailto:drivers@cinegration.com). We can create customized icons that will provide the final style touches to your projects. For this, please send a sample picture or include a description of how you would like the icon to look. We would gladly load it into the driver for you for a fee.

### STANDARD ICON STATES



**NORMAL**



**WATER\_OFF**



**FLOWING**



**LEAK**



**OFFLINE**



**ALERT**

## ICON STYLES |

### WATER\_DROPLET



**NORMAL**

**WATER\_OFF**

**FLOWING**



**LEAK**

**OFFLINE**

**ALERT**