

# BATTERY AGENT

## INSTALLERS GUIDE

BASIC SETUP  
& FEATURES

BROUGHT TO YOU BY:



## OVERVIEW

Several pieces of equipment in today's technology run on battery power, and until now there wasn't a useful way to monitor battery levels. With the Battery Agent driver, customers can easily and conveniently check battery levels on any battery-powered device using an icon on their Control4 interface.

When this driver is installed, it will automatically scan the project for all battery type devices and monitor the specific devices battery notification, saving programming time and increasing the value of the Control4 system. Two email types are available for customers and dealers, and text or email notifications can be sent. Also, low battery notifications will be 'grouped' together and sent as a single message at a convenient time either in the morning, afternoon, or evening automatically. No more text messages in the middle of the night! No additional hardware is required to experience easy monitoring of your devices' battery levels!

## FEATURES

- Simple Battery Monitoring system for Control4
- Automatic email/text creating and emailing when a battery is low or critical
- Part of the Cinegration Notification Suite
- Supports Cinegration Trial and Showroom license
- Installs in as little as 1 minute

See FEATURES section for more details

## CONTENTS

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02. DRIVER INFO

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## POWER AGENT

### COMPATIBLE CONTROL4 SYSTEMS |

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

### COMPATIBLE HARDWARE |

Battery Powered Control4 integrated devices

### 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

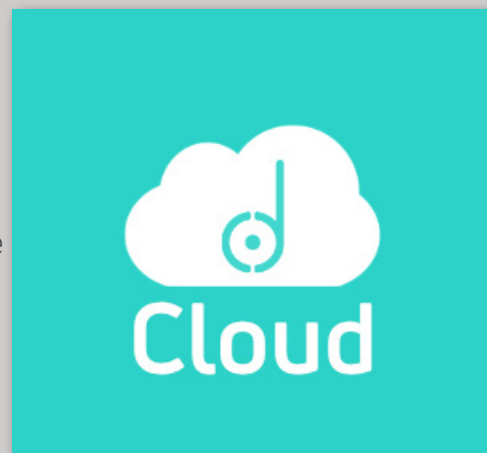


### PROJECTS PORTAL

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

battery

Local  Online  Certified Only [Clear Search](#)

Category: -- All Categories --

Type: -- All Types --

Manufacturer: -- All Manufacturers --

Control Method: All Methods Sort: Relevance

**Battery Agent**  
Cinegration 8/29/2019 5:35 PM **Local**

b. Driver will scan project for devices that use batteries (you can always modify this list later via the Device List property)

System Design

Connections

Media

**Agents**

Programming



Battery Settings

Device List | System Remote Control SR | **Select**

Select devices...

Select devices to be used for this property

- Adas Home
  - Home
    - House
      - Main
        - Dracula's Castle
          - System Remote Control SR

## CONTROL4 DRIVER SETUP |

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

Driver Settings	
Driver State	Fri Aug 30 09:24:01 2019: OFFLINE Driver Loaded
Cycle Time	10 <small>Amount of time (in seconds) for power delay on cycle</small>
Invert Power State	No
Auto Rename Driver	Enabled
Notification Settings	
Power Events	(Select) <small>Adjust notifications and automatic actions here</small>
Email/Text Notification Settings	
Email: Service	
Email: Customer	
Email: Subject	My Control4 Smart Home
UI Settings	
UIButton: Single Tap	Toggle Power
UIButton: Double Tap	Nothing
Icon Style	standard <small>Choose icon style</small>
Control4 Navigators	<input type="text"/> <b>Select</b>

d. Refresh Navigators

File	Driver	Go	Tools	Help
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
Validate Project				Ctrl+F5
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@cindex.com](mailto:info@cindex.com)

## BATTERY SETTINGS |

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

*Device List:* Select the devices in your project that are being monitored by the driver

*24 Hour ST Remote Check-in:* Choose to request battery level status from remotes every 24 hours

*Reminder Time Preference:* Choose a point of the day to receive your notifications

*Low Level:* Choose the battery level the driver should consider as Low

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

## 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!**

Battery Events	LOW	OFFLINE	NORMAL	Display Status
<i>Description</i>	Triggers when a low battery has been detected for 4 consecutive readings	When driver is not working or deactivated	When battery devices are normal	Status report displaying state, message and history information
<i>Message</i>	[CURRENT_STATUS ] [ALERTS]	[NAME] is offline or not communicating with Control4	[CURRENT_STATUS ]	na
<b>Driver Defaults</b>				
<i>Push</i>	Alert	No	Info	Alert
<i>Customer Email</i>	No	No	No	No
<i>Service Email</i>	Yes	No	No	No
<i>Navigators</i>	Yes	n/a	No	Yes
<i>Voice</i>	No	n/a	No	n/a
<i>Silence Alerts</i>	for 72 hours	n/a	n/a	na

## 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!**

## UI SETTINGS |

### UI Button: Single Tap and Double Tap

*Display Status:* Display status of driver based on the set Notification Settings

*Nothing:* Disable Single Tap or Double Tap actions

*Silence Doorbird for 24/48/72 hours:* Block doorbell events and stop notifications from the doorbell driver for a specified period of time

*Simulate Battery Alert:* Simulate the driver response as if there was a low battery alert

<b>UI Button: Single Tap &amp; Double Tap</b>	Customize actions associated with a single tap or double tap of the icon:					
	<i>Display Status</i>	<i>Nothing</i>	<i>Silence 24 hours</i>	<i>Silence 48 hours</i>	<i>Silence 72 hours</i>	<i>Trigger Doorbell</i>
<b>Control4 Navigators</b>	Select the Touch Screens to receive Navigator notifications.					



## ICON STYLES |

Many Cinegration Development LLC drivers come with customizable icons, including the Battery 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**



**LOW**



**OFFLINE**

## 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