Greenfield Solutions Mega Camera Driver Agent

This agent dynamically delivers many camera drivers into a Control4 project to allow efficient installations and configurations of many brands from one source. Greenfield Solutions will publish new drivers as demand or need arises and these drivers will appear within this agent for download and installation. Once one Mega Camera Driver agent has been added to a project, the project is entitled to all current and new drivers that will be delivered via the agent. Dealers are able to recommend new camera models to be supported directly from the agent to further enhance the quality of this agent for their own customers and any future projects!

Installation

Install one instance of the Mega Camera Driver agent to deploy all other camera drivers.

Configuration

Camera drivers can be immediately added to a project without any additional configuration of this agent. Further customizations can be made with various properties as outlined below.

Driver Properties

DriverCentral Cloud Settings

Driver Version - [READ ONLY] Shows the version of the driver running in the project.

Cloud Status - [READ ONLY] Shows the license status of the driver.

Automatic Updates - [ON | **OFF**] Set this to ON to allow the driver to automatically update when updates are available from DriverCentral.

Debug Settings

Log Level - [0 - Alert | 1 - Error | **2 - Warning** | 3 - Info | 4 - Debug | 5 - Trace] Set this to the desired detail level for output as set in **Log Mode**

Log Mode - [**OFF** | Print | Log | Print and Log] Set this to print out or log logging messages to the desired facility based upon **Log Level**

Dynamic Driver Settings

Auto Pull New Camera Drivers - [**On** | Off] Set this to ON to allow the agent to automatically pull any newly released camera drivers published by Greenfield Solutions. NOTE: Does **NOT** update existing drivers

Auto Pull Status - [READ ONLY] Shows the the most recent status message of the **Auto Pull New Camera Drivers** action that transpired

Add Camera Drivers

Driver - [Dynamic List] The list of camera drivers provided by Greenfield Solutions. This will automatically load all available drivers on initial agent installation. This will dynamically change and get newly released drivers if **Auto Pull New Camera Drivers** is set to **ON**.

Name Format - [**<driver>** | <room> | <driver> <room> | <room> <driver> | <driver> - <room> | <room> - <driver> | Custom] Set this to the desired name format of drivers when they are added to the project in Composer. Definitions of each format found in ***Driver Namin Guidance*** below

Custom Name Format Mask - [Text Field] Set this to a desired custom name format mask when adding camera drivers to a project. Special variables **driver** and **room** -- with special casing -- can be used in the custom format string. Definitions of each format found in ***Driver Naming Guidance*** below. NOTE: Only appers when **Name Format** set to **Custom**

Quantity per Room - [Range (0-10)] Select the quantity of selected drivers to add to each room.

Add To Room - [Room pick list] Select all rooms to add the specified driver with specified name format.

Driver Actions

Add Drivers to Project Add configured/staged camera drivers to the project

Reset 'Add Camera Drivers' Reset the 'Add Camera Drivers' staging area to default values

Refresh Driver List Manually refresh the Dynamic Driver List

Request a Camera Brand to Add Opens a window with the following four fields to recommend a camera driver be added to the Mega Camera Driver agent.

Support

For support on this driver please contact DriverCentral support.

Driver Naming Guidance

Using 'GS Camera' as the camera driver and 'Family room' as the room, the name formats would produce the following mappings:

VARIABLE	DESCRIPTION	EXAMPLE VALUE
`<driver>`	Driver value as speficied in `driver.xml`	GS Camera
`<room>`	Room value as specified in composer	Family room
`<DRIVER>`	Driver value in all caps	GS CAMERA
`<ROOM>`	Room value in all caps	FAMILY ROOM
`<Driver>`	Driver value all words init caps	Gs Camera
`<Room>`	Room value all words init caps	Family Room
`<<n>>`	Integer of repeated driver for room	3

Examples using 'Acme PTZ' as the camera driver and 'Pool cabana' as the room:

CUSTOM TEXT FIELD IN COMPOSER	VALUE
`Primary <Room> <driver>`	Primary Pool Cabana Acme PTZ
`<Room> looking South`	Pool Cabana looking South
`<ROOM> House Side`	POOL CABANA House Side

Change Log

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- Added 'Quantity per Room' property option
- Added 'Add Status' property
- Updated 'Auto Pull Status' messages for more detailed info
- Moved the adding of drivers to project to Actions tab
- Added '<<n>>' format mask for integer iterator in custom format mask

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- Initial Release