Control Programming LLC

Release Notes

CPLLC Hunter Douglas PowerView Platform

Version 5.00 · November 23, 2026

Product	CPLLC Hunter Douglas PowerView Platform (Crestron Home platform)
Version	5.00
Release date	November 23, 2026
Where to find it	Drivers › Platform › Hunter Douglas › PowerView
Requires	Crestron Home OS 4.12 or later (4.13 or later for shades as Crestron Home's own shades), and a PowerView Hub (Generation 1 or 2) or a PowerView Generation 3 gateway on the local network, with its shades set up in the PowerView app. No internet access or PowerView account is needed
Licensing	A Hunter Douglas PowerView license key (cpllc.net/product/hunter-douglas-powerview) or a CPLLC site license key (cpllc.net/product/site-license), entered in the platform's Enter License Key, or a site license key once in the CPLLC License Manager

Overview

The CPLLC Hunter Douglas PowerView Platform brings Hunter Douglas PowerView shades (sold as Luxaflex in some countries) and PowerView scenes into Crestron Home. One driver covers every generation at the same time: PowerView Hubs of Generation 1 and 2 and PowerView Generation 3 gateways, each through its own connection on the local network, with no cloud and no account. The platform finds the hubs and gateways on the processor's network by itself. Every shade becomes a Crestron Home shade of its own, named as it is in the PowerView app, and every PowerView scene a button of its own that runs it.

Capabilities

Capability	What it does
Every generation, in one driver	PowerView Hubs of Generation 1 and 2 and PowerView Generation 3 gateways, in any mix: a home with a Generation 2 hub and a Generation 3 gateway has both sets of shades side by side.
Found automatically	Every hub and gateway on the processor's network is found by itself; nothing has to be entered. One on another subnet is listed by its IP address.
Local, no cloud	The platform talks to each hub or gateway directly on the local network. It needs no internet access, no PowerView account and no sign-in.
Every shade	Every shade on every hub and gateway is added to Crestron Home under its PowerView name, ready to be placed in a room. Nothing has to be entered per shade.
Shade tile or Crestron Home's own shade	Each one is a CPLLC shade tile, with open, close, stop and an auto close timer, on any Crestron Home; or, with Use Crestron Home Native Shades checked on Crestron Home 4.13 or later, Crestron Home's own shade: open, close, stop and the position slider, in Crestron Home's Shades screen, its rooms, scenes and sequences, a vertical shade as Drapes.
Vane tilt	As Crestron Home's own shade, a shade with vanes has Crestron Home's tilt open and close.
PowerView scenes	Each scene made in the PowerView app is a button of its own, outside any shade: pressing it, or a sequence, runs the scene.
Feedback	A Generation 3 gateway reports its shades as they move. A Generation 1 or 2 hub is read every 60 seconds by default (30 to 3600); Crestron Home's own commands show at once.
Live changes	Debug output turns on and off while the processor runs.

What's New in 5.00

- First release: Hunter Douglas PowerView shades and scenes on PowerView Hubs of Generation 1 and 2 and PowerView Generation 3 gateways, in one driver.

Installing

Set up each hub or gateway and its shades in the PowerView app first, with the shades named as they should appear in Crestron Home, and any scenes wanted.

Add the platform from Drivers › Platform › Hunter Douglas › PowerView. The CPLLC License Manager is not required. Enter the license key (or leave it blank on a site with a CPLLC site license) and save the options. The

platform searches the processor's network for PowerView hubs and gateways, which takes a few seconds, reads each one's shades and scenes, and each one appears in Crestron Home, ready to be placed in a room.

A hub or gateway on another subnet is not found by the search: enter its IP address in Hub and Gateway Addresses, several separated by commas. Setup shows an error under that field when nothing answers at an address given, or when no hub or gateway is found at all; the search is made again the next time the options are saved.

Installer Options

Option	Description
Obtain License Key	Opens CPLLC.net, where license keys and site licenses can be purchased.
Enter License Key	The Hunter Douglas PowerView license key. Leave blank when the site has a CPLLC site license.
Hub and Gateway Addresses	Hubs and gateways the search can't find (on another subnet): their IP addresses, separated by commas. Leave it empty when the PowerView hub or gateway is on the processor's own network.
Polling Seconds	Seconds between reads of a Generation 1 or 2 PowerView Hub, 30 to 3600 (default 60), which reports nothing by itself. A Generation 3 gateway reports its shades as they move and is not affected.
Use Crestron Home Native Shades	Adds the shades as Crestron Home's own shades in place of the CPLLC shade tile (default off). Needs Crestron Home 4.13 or later: checked on an earlier version, the shades stay tiles and change when the processor is upgraded. The shades already in a room change by themselves when it is changed, with no reload of the platform; press Reconfigure Driver (and Next) on each one: until then it shows Offline. The shade stays in its room under its name. See Shades.

Once the options are saved, each shade and scene is listed under Managed Platforms › the platform's name in Pair Devices, ready to be added to a room with its +.

Shades

A PowerView shade is added one of two ways, chosen for all of the platform's shades by its Use Crestron Home Native Shades option: as a CPLLC shade tile, which works on every Crestron Home and is how it starts, or as Crestron Home's own shade, on Crestron Home 4.13 or later. The tile has open, close and stop; the position slider, vane tilt and Drapes for a vertical shade come with Crestron Home's own shade.

A PowerView Hub of Generation 1 has no stop command: Stop does nothing for its shades, whichever way they are added.

As a CPLLC shade tile (Use Crestron Home Native Shades unchecked): touching the shade's tile opens or closes it; its … button opens its page, with Open, Stop and Close, and the auto close timer below them. Open is lit while the shade is closed and Close while it is open; Stop is lit while it moves.

Stop leaves the shade part way, so the tile and page show Stopped, with Open and Close both lit to send it either way. It stays Stopped until it is opened or closed again, or until the hub or gateway reports it fully open or closed.

With Auto Enabled checked, the page offers the auto close time (set with + and −, or the slider) and Shade Open w/Auto Close: the shade opens and closes again by itself once that time has passed. The page and the tile count the time down. Pressing Close or Stop cancels it.

Besides the options every device has, and the icon and text fields with the Show CH Icons link, a shade has:

Option	Description
Tile Clickable	Touching the tile opens or closes the shade (default on).
Only Display Tile	Shows the tile alone, with no page of controls (default off).
Seconds between Fully Closed/Opened	How long the shade takes to open, so the page shows Opening until it is open.
Seconds between Fully Opened/Closed	How long the shade takes to close, shown as Closing.
Enable Stop Button	Shows the Stop button on the page (default off).
Auto Enabled	Offers the auto close timer and Shade Open w/Auto Close (default off).
Auto Time in Seconds	The auto close time is in seconds; unchecked, it is in minutes (default).
Maximum Auto Time	The longest auto close time allowed, in the unit above (default 600).

A shade adds these actions, states and events:

Action	Description
Shade Open / Shade Close	Starts opening or closing it, as the Open or Close button does.
Shade Stop	Stops it part way, as the Stop button does. Offered when Enable Stop Button is on.
Shade Toggle	Opens it when closed, closes it when open.
Shade Open w/Auto Close	Opens it, then closes it again after the number of minutes given. Offered when Auto Time in Seconds is off.
Shade Open w/Auto Close (Seconds)	The same, in seconds (1 to Maximum Auto Time). Offered when Auto Time in Seconds is on.
Shade Feedback Open / Shade Feedback Close	Sets the state the tile shows (Opened or Closed), without moving the shade.
Extension Enable / Extension Disable	Enables or disables the device. A disabled device shows Disabled and ignores its tile and page.

State	Description
Shade Is Closed	Whether the shade is closed, for a sequence’s If (Conditional) step.

Action	Description
Extension Is Enabled	Whether the shade's tile and page are enabled.

Event	Description
Shade is Opening / Shade is Closing	A move started.
Shade is Opened / Shade is Closed	A move finished.
Shade is Stopped	A move was stopped part way.
Extension Enabled / Extension Disabled	The device was enabled or disabled.
Pin Locked / Pin UnLocked	The PIN keypad locked again, or the right PIN was entered (with a Starting Pin Code set).
Shade Is Closed Changed / Extension Is Enabled Changed	One of the shade's states changed.

As Crestron Home's own shade (Use Crestron Home Native Shades checked, Crestron Home 4.13 or later): the shade appears in Crestron Home's Shades screen and in its room, with open, Stop and close, the position slider from closed (0%) to open (100%), its state and the room's All Shades buttons, in scenes and in sequences. A vertical shade shows as Drapes. A shade with vanes also has tilt open and close. The platform adds no tile, page or events of its own for it.

A Generation 3 gateway reports each move as it starts and as it ends, so a shade moved by a PowerView remote, the PowerView app or a PowerView scene shows as it happens. A Generation 1 or 2 hub reports nothing by itself: it is read every Polling Seconds, and it knows only what it has heard from its shades, so a shade moved by a PowerView remote or by hand may show late, or not at all. On those hubs a move sent from Crestron Home shows as Opening or Closing for the installer's transition times, then where the shade was sent.

As Crestron Home's own shade, each shade has these installer options:

Option	Description
Seconds between Fully Closed/Opened	How long the shade takes to open fully (default 5), shown as Opening.
Seconds between Fully Opened/Closed	How long the shade takes to close fully (default 5), shown as Closing.

A shade uses Crestron Home's own shade controls in sequences and scenes (open, close, stop, position) and Crestron Home's own shade events (Opening, Closing, Fully Open, Fully Closed, Position Changed).

> **Before checking Use Crestron Home Native Shades**
> Checking the option turns every shade of the platform from a CPLLC tile into Crestron Home's own shade: its tile, page and auto close timer go away, and so do its CPLLC actions and events (Shade Open, Shade Close, Shade Open w/Auto Close, Shade is Opened ...). Sequences and scenes built on them are set up again with

Crestron Home's shade controls and events. The shades already in a room change by themselves when it is changed, with no reload of the platform; press Reconfigure Driver (and Next) on each one: until then it shows Offline. The shade stays in its room under its name. Unchecking it puts the tiles back the same way. Checked on a Crestron Home earlier than 4.13, the change comes when the processor is upgraded to 4.13, and each shade then asks for Reconfigure Driver.

PowerView Scenes

Each scene made in the PowerView app is added as a button of its own, named as it is in the app, apart from the shades. Pressing its tile runs the scene, and the hub or gateway moves the shades the scene holds: on a Generation 3 gateway they show as they move, on a Generation 1 or 2 hub at the read that follows.

Action / Event	Description
Button Press	Runs the scene.
Button Pressed	The scene's tile was pressed.

Sequences

Shades bring the shade tile's actions and events (Shade Open, Shade Close, Shade Stop ...), under their names; added as Crestron Home's own shades they use Crestron Home's own shade controls and events instead, under Shades. Each PowerView scene brings Button Press and Button Pressed, under its name.

The controls on a device's page are also states a sequence's If (Conditional) step can test: on / off as "<name> Is On", open / close as "<name> Is Closed", "Pin Is Locked", sliders and drop-downs by their value, and a thermostat's temperature and setpoints. Crestron Home lists a "Changed" event for each state, raised whenever it changes. Devices Crestron Home draws itself (lights, locks, and shades added as Crestron Home's own) keep Crestron Home's own states.

Known Limitations

- Not yet run with a real PowerView hub or gateway: the CPLLC lab has none. It was tested against simulated PowerView hubs of Generation 1, 2 and 3.
- As a CPLLC shade tile a shade has open, close and stop only: its position, vane tilt and a vertical shade's Drapes come with Use Crestron Home Native Shades, which needs Crestron Home 4.13 or later and does nothing on an earlier version.
- A PowerView Hub of Generation 1 has no stop command, so its shades can't be stopped part way from Crestron Home.
- A Generation 1 or 2 hub reports nothing by itself and knows only what it has heard from its shades: a shade moved by a PowerView remote or by hand may show late, or not at all.
- A top-down / bottom-up or duolite shade is driven by its main rail only; its second rail is not moved.
- Crestron Home's own shade has tilt open and close only, not a tilt position.

- Scene collections, schedules and the PowerView app's automations are not shown.
- Shades and scenes are read when the platform starts. One added in the PowerView app later appears after the platform is reloaded or its options are applied again.
- A secondary Generation 3 gateway is ignored: the primary gateway carries the home's shades.
- After Use Crestron Home Native Shades is changed, each shade already in a room shows Offline until Reconfigure Driver is pressed on it.

Test Environment

Tested on November 22, 2026 with Crestron Home 4.013.0171 on a DIN-AP4-R, against simulated PowerView hubs of Generation 1, 2 and 3 running together on the lab network. It has not yet been run with a real PowerView hub or gateway and Hunter Douglas shades.

Version History

Date	Version	Changes
2026-11-22	5.00	First release: PowerView shades and scenes on PowerView Hubs of Generation 1 and 2 and PowerView Generation 3 gateways

Support

> **CPLLC Site License**
> A CPLLC site license is one key per processor, entered in the License Manager, that licenses every CPLLC extension and platform on that processor, current and future, so no product needs a key of its own. See the Site License page. Customers who already own CPLLC license keys can upgrade to a site license on the CPLLC website for the difference.

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