Control Programming LLC

Release Notes

CPLLC Modern Forms Platform

Version 5.00 · November 6, 2026

Product	CPLLC Modern Forms Platform (Crestron Home platform)
Version	5.00
Release date	November 6, 2026
Where to find it	Drivers › Platform › Modern Forms › Fan
Requires	Crestron Home OS 4.12 or later, and Modern Forms smart fans (Gen 1 to Gen 3) on the processor's network
Licensing	A Modern Forms Platform license key (cpllc.net/product/modern-fan) 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 Modern Forms Platform brings Modern Forms smart ceiling fans into Crestron Home, each fan and its light kit as separate devices with their own controls, so the light can be part of Crestron Home lighting scenes. The platform finds every Modern Forms fan on the processor's network by itself and adds each one to Crestron Home as a fan, and its light kit, when it has one, as a light of its own. The fans are controlled on the local network, through their own API; nothing goes through the Modern Forms cloud.

Capabilities

Capability	What it does
Automatic fan discovery	Every fan on the processor's network is found and added to Crestron Home under the name it has in the Modern Forms app, ready to be placed in a room. Nothing has to be entered per fan. A fan on another subnet, which the search can't reach, is added by its IP address.

Capability	What it does
Ceiling fans	Power, speed 1 to 6, direction and, on Gen 3 fans, breeze, as a Crestron Home fan, with the fan's own sleep timer on its page.
Light kits	A fan's light kit is added as a dimmable Crestron Home light of its own, named after the fan ("Living Room Fan Light"). It joins the room's Lights tile and can be in lighting scenes.
Feedback	Modern Forms fans don't report changes by themselves, so each fan is read every 30 seconds, and at once after every command from Crestron Home. A change made from the Modern Forms app or the fan's remote shows within 30 seconds.
Moved fans	A fan whose IP address changes is followed to its new address with its devices kept.
Per-device options	Each fan has its own installer options: PIN code, Home and Room screen, whether touching the tile toggles it, and an auto off timer.
Live changes	Debug output turns on and off while the processor runs.

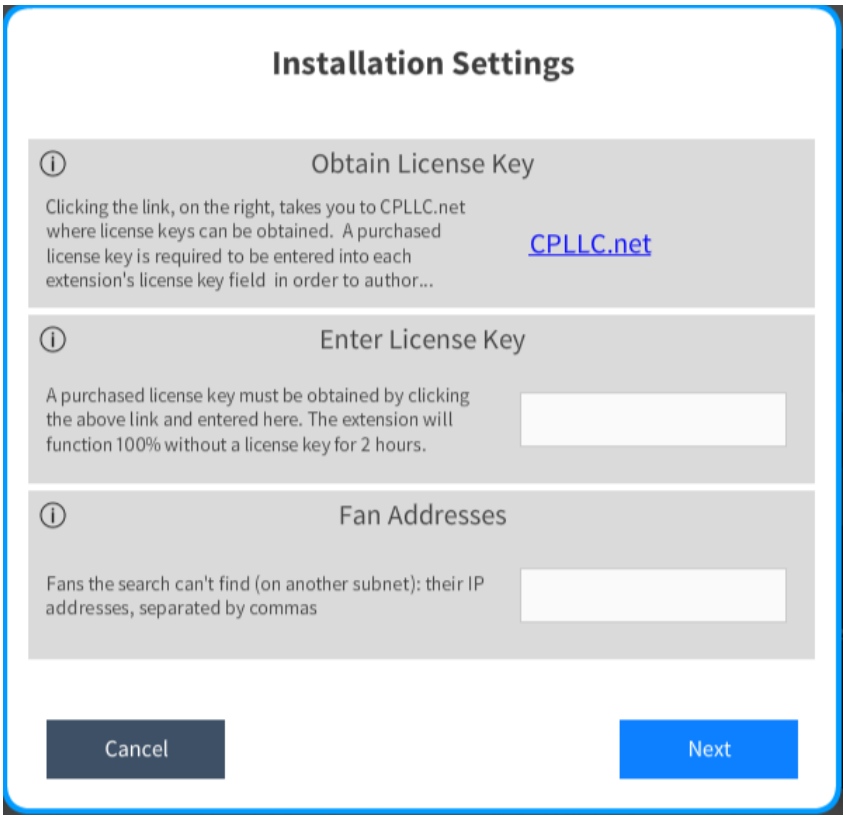
What's New in 5.00

- First release of the platform, built on the CPLLC 5.0 shared libraries and a new Modern Forms library for the fans' local API.
- Every fan on the network is found by itself; fans on other subnets are added by address.
- Each fan's light kit is a Crestron Home light of its own, so it can be in lighting scenes.
- Debug output can be turned on and off while the processor runs, without a restart.
- Its own license key, or a CPLLC site license key, licenses the platform by itself, so the CPLLC License Manager is no longer required; it is still the convenient place to enter a site license key once for every CPLLC driver.
- A fan's Auto Off is in minutes only, as on every CPLLC fan: the Fan On w/Auto Off (Seconds) action is gone, so a sequence that used it is set up again with Fan On w/Auto Off.

Installing

Before installing, set each fan up in the Modern Forms app, on the same network as the processor, and give it a fixed address in the router, so it keeps it.

Add the platform from Drivers › Platform › Modern Forms › Fan. 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 then searches the network, and each fan and its light kit appear in Crestron Home, ready to be placed in rooms.



The license and Fan Addresses options, when the platform is added

Installer Options

Option	Description
Obtain License Key	Opens CPLLC.net, where license keys and site licenses can be purchased.
Enter License Key	The Modern Forms Platform license key. Leave blank when the site has a CPLLC site license.
Fan Addresses	Only for fans the search can’t find, such as fans on another subnet: their IP addresses, separated by commas. Blank by default.

An address entered under Fan Addresses where no Modern Forms fan answers is reported when the options are saved. Once the options are saved, each fan and light kit the platform found is listed under Managed Platforms › the platform’s name in Pair Devices, ready to be added to a room with its +, and the platform’s Connections tab shows each device it added, the room it is in, and whether it is online.

Each device the platform adds has its own options, under that device in Setup; those of each kind of device are in its own section below.

Ceiling Fans

A Modern Forms fan is added as a Crestron Home fan, its tile showing whether it is on. Touching the tile turns it on or off; its … button opens its page, with + and − for the speed (1 to 6), its direction, breeze on a Gen 3 fan, and the fan’s sleep timer, which turns the fan off after the time set and shows the time left.

A fan has these options:

Option	Description
Show on Home Screen	Shows the fan's tile on the Home screen (default off).
Show in Room Screen	Shows the fan's tile in its room (default on).
Starting Pin Code	A numeric PIN that must be entered before the fan's controls are shown. Blank means no PIN (the default).
Seconds Pin Active	How long the controls stay unlocked after the last touch (default 10 seconds).
Tile Clickable	Touching the tile turns the fan on or off (default on).
Only Display Tile	Shows the tile alone, with no page of controls (default off).
Auto Enabled	Offers a timer on the fan's page that turns the fan off again (default off).
Maximum Auto Time	The longest time, in minutes, that timer can be set to.

A fan's light kit is a light of its own: see Light Kits below.

A fan adds these actions and events:

Action	Description
Fan On / Fan Off	Turns the fan on or off, as its tile and its page do.
Fan Toggle	Turns the fan on if it is off, and off if it is on.
Fan On w/Auto Off	Turns the fan on, then off again after the number of minutes given (up to Maximum Auto Time).
Fan Speed	Sets the fan's speed, 1 to 6.
Fan Direction Forward / Fan Direction Reverse	Sets the direction the fan turns.
Set Sleep Timer	Sets the fan's own sleep timer: Off, 15 or 30 minutes, 1, 2, 4 or 8 hours.
Fan Feedback On / Fan Feedback Off	Sets the state Crestron Home shows for the fan, without sending it a command.
Extension Enable / Extension Disable	Enables or disables the device. A disabled device shows Disabled and ignores its tile and page.
Event	**Description**
Fan is On / Fan is Off	The fan turned on or off, from Crestron Home or anywhere else.
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).

Light Kits

A fan's light kit is added as a dimmable Crestron Home light named after the fan ("Living Room Fan Light"). It joins the room's Lights tile with its switch and brightness slider, and can be in the room's lighting scenes. A light has no installer options of its own and no page; Crestron Home draws its controls.

A light uses Crestron Home's own light controls in sequences (on, off and brightness, and lighting scenes); the platform adds no actions or events of its own for it.

Sequences

Each fan and light brings the actions and events of its kind of device to Crestron Home sequences, under its name in Customize Actions & Events: on, off and toggle for both; speed and direction for a fan; brightness for a light. Each reports its state changes as events.

End-User Experience

The platform has no tile of its own. Each fan appears in its room as a Crestron Home fan, with the page described under Ceiling Fans, and each light kit in the room's Lights tile. Each tile shows the fan's state as last read from it.

Without a valid license key or a CPLLC site license, the devices run for a two-hour grace period after the platform starts; then they show License Expired and ignore their controls. Entering a valid key, or adding a site license, clears it without a restart.

Known Limitations

- Gen 4 Modern Forms fans use a different API and are not supported; the platform reports one it finds and leaves it out.
- The search finds fans on the processor's own subnet only; enter fans on other subnets under Fan Addresses.
- The fans don't report changes by themselves: a change made from the Modern Forms app or the fan's remote shows within 30 seconds.
- The light kit's sleep timer, the fans' away mode and adaptive learning are not shown in Crestron Home.
- Modern Forms schedules and the Modern Forms cloud are not used.
- Not yet tried with a Modern Forms fan in the CPLLC lab: the platform was installed, upgraded and set up on a processor, but no fan answered during the test.

Test Environment

Crestron Home 4.013.0134 on a DIN-AP4-R, set up with Crestron Home Setup and used from the Crestron Home app on Android. The platform was added from Drivers › Platform › Modern Forms › Fan, searched the processor's network and tried the fan address entered under Fan Addresses, and was upgraded from one build to the next with Check for Driver Update, keeping its options. No Modern Forms fan was reachable from the processor during the test, so the fan and light kit pages were not tried.

Version History

Date	Version	Changes
2026-11-06	5.00	Built on the latest CPLLC libraries; the options, actions and events are unchanged; The License Manager is no longer required; tables of actions and events; fan Auto Off in minutes only (no Fan On w/Auto Off (Seconds) action)
2026-11-04	5.00	First release on the Crestron Home SDK V2 and the CPLLC 5.0 libraries

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.

Company	Control Programming LLC
Contact	Randy Johnson
Email	randy@cpllc.net
Website	https://cpllc.net
Product page	https://cpllc.net/product/modern-fan/

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