Control Programming LLC

Release Notes

CPLLC Generac Mobile Link

Version 5.00 · November 18, 2026

Product	CPLLC Generac Mobile Link (Crestron Home extension)
Version	5.00
Release date	November 18, 2026
Where to find it	Drivers › Power Controller › Generac › Mobile Link
Requires	Crestron Home OS 4.12 or later, an internet connection, and a Generac standby generator with a Mobile Link module (Wi-Fi, Ethernet or cellular) active on the homeowner's Mobile Link account
Licensing	A Generac Mobile Link license key (cpllc.net/product/generac-mobile-link) or a CPLLC site license key (cpllc.net/product/site-license), entered in the extension's Enter License Key, or a site license key once in the CPLLC License Manager

> **Buyer Beware: Unofficial API**
> Generac does not publish an API for this product. This extension uses the unpublished protocol Generac's own app uses, which Generac can change or turn off at a moment's notice, without warning. If that happens the extension may stop working until it can be updated, and it may not be possible to update it.

Overview

The CPLLC Generac Mobile Link extension brings a Generac standby generator into Crestron Home through Generac's Mobile Link cloud, signing in with the homeowner's Mobile Link email and password. Its tile shows whether the generator is ready, running, exercising or in alarm, and whether it is carrying the house through a utility outage; its page lists the battery voltage, run hours, hours of protection and signal strength. Its events start sequences when the generator starts or stops, the utility power is lost or restored, an alarm comes or clears, maintenance comes due, the battery runs low, or the generator drops off line.

Capabilities

Capability	What it does
Status	Ready to run, Running, Exercising, Warning, Stopped or Offline, with Generac's own words for it.
Utility outage	Shows Utility Power Lost while the generator carries the house, with events when the power goes and comes back.
Alarms and maintenance	The alarm code and its description, and maintenance due, on the tile and the page, with events.
Readings	Battery voltage, run hours, hours of protection and the Mobile Link module's signal strength, as the generator reports them.
Battery events	Battery Low and Battery OK around a voltage the installer sets.
Several generators	An account with more than one generator: the installer picks one by name or serial number; add the extension again for each.
PIN code	A PIN can be required before the page opens.
Live changes	Debug output turns on and off while the processor runs.

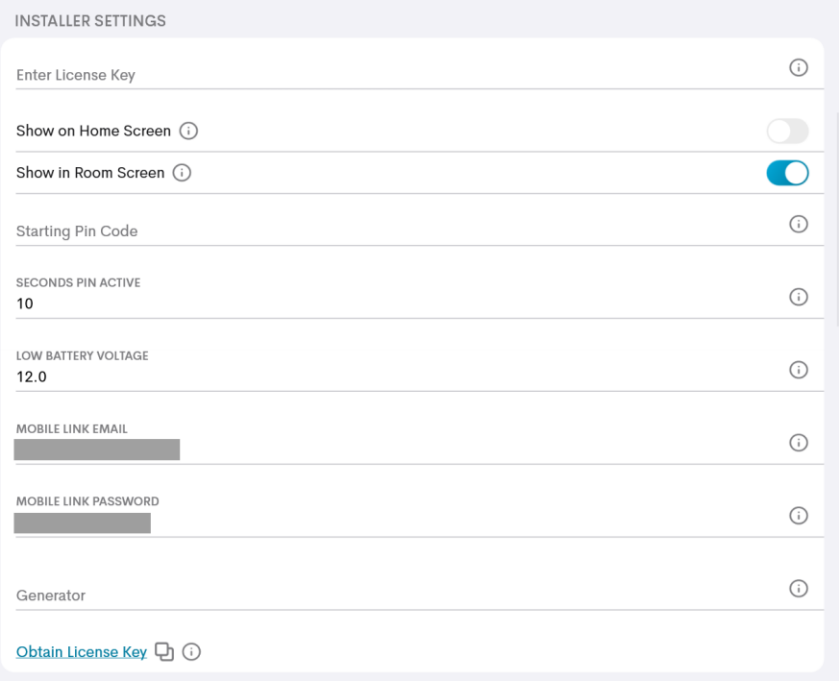
What's New in 5.00

- First release.

Installing

The generator must already be set up in Generac's Mobile Link app, with its Mobile Link module on line. Check that the homeowner can sign in to the app with the email and password the extension will use: an account that signs in with Google or Apple, or asks for a code by text or email at each sign-in, can't be used; give the account a password and turn off two-step sign-in first.

Add the extension from Drivers › Power Controller › Generac › Mobile Link and enter the Mobile Link email and password. The extension signs in, finds the generator and fills the page within a minute. It keeps its sign-in through restarts; Generac asks for the password again every 90 days, which the extension does by itself with the password it was given.



Installer Settings in Configure Pro

Installer Options

Option	Description
Obtain License Key	Opens CPLLC.net, where license keys and site licenses can be purchased.
Enter License Key	The Generac Mobile Link license key. Leave blank when the site has a CPLLC site license.
Show on Home Screen	Shows the tile on the Home screen (default off).
Show in Room Screen	Shows the tile in its room (default on).
Starting Pin Code	A numeric PIN that must be entered before the page opens. Blank means no PIN (the default).
Seconds Pin Active	How long the page stays unlocked after the last touch (default 10 seconds).
Low Battery Voltage	Battery Low is raised when the battery falls below this voltage, and Battery OK once it is 0.3 V above it (for example 12.0). Blank for none.
Mobile Link Email	The email address of the homeowner’s Mobile Link account.
Mobile Link Password	That account’s password.
Generator	With more than one generator on the account, the one this extension shows, by its name in the Mobile Link app or its serial number. Blank shows the first.

End-User Experience

The tile shows the generator's status: Ready to run, Running, Exercising, an alarm with its code, Utility Power Lost while it carries the house, or Offline while it can't be reached. Its page lists the status in Generac's words, any alarm or maintenance due, the battery voltage, run hours, hours of protection and signal strength, the generator's model and serial number, and when it last reported to Generac.



The page in the Crestron Home app

Without a valid license key or a CPLLC site license, the tile runs for a two-hour grace period after the extension starts; then it shows License Expired. Entering a valid key, or adding a site license, clears it without a restart.

Sequences

The extension's events are under its name in Customize Actions & Events. An event is raised when its condition changes, not for the state the extension starts in (a generator already running when the extension starts raises nothing).

The actions:

Action	Description
Extension Enable / Extension Disable	Enables or disables the device. A disabled device shows Disabled and raises no events.

The events:

Event	Description
Generator Running / Generator Stopped	The generator started (for an outage or its exercise); it stopped.
Exercise Started / Exercise Ended	Its scheduled exercise began; ended.

Event	Description
Generator Ready / Generator Not Ready	It is in Auto, waiting to run; it no longer is (switched off, in alarm, running ...).
Utility Power Lost / Utility Power Restored	It started because the utility power failed; the power came back.
Generator Alarm / Generator Alarm Cleared	A warning or an alarm code came; it cleared.
Maintenance Due / Maintenance Done	Generac reports maintenance due; it no longer does.
Battery Low / Battery OK	The battery fell below Low Battery Voltage; rose 0.3 V above it.
Generator Offline / Generator Online	The generator or Mobile Link can’t be reached; it can again.
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).

Known Limitations

- Read only: Mobile Link gives no way to start, stop or exercise the generator, so the extension has no such actions.
- Generac’s cloud sends no notices to other systems, so the extension asks it every 15 minutes, and every 2 minutes while the generator runs: Generator Running and Utility Power Lost can come up to 15 minutes after the generator starts. The generator itself reports to Generac only every few minutes. For an instant outage signal, wire the transfer switch’s contact to a Crestron input.
- An account that signs in with Google or Apple, or with a code at each sign-in, can’t be used.
- Tested on a Generac Guardian 32 kW generator with an Ethernet Mobile Link module while it was ready to run. A real run, an outage, an alarm and maintenance due have not yet been seen through the extension.

Test Environment

Crestron Home 4.013.0134 on a DIN-AP4-R; set up with Configure Pro 4.12.

Version History

Date	Version	Changes
2026-11-18	5.00	First release

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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Product page	https://cpllc.net/product/generac-mobile-link/

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