Control Programming LLC

Release Notes

CPLLC Virtual Door

Version 5.00 · November 6, 2026

Product	CPLLC Virtual Door (Crestron Home extension)
Version	5.00
Release date	November 6, 2026
Where to find it	Drivers › Lock › Control Programming LLC › Virtual Door
Requires	Crestron Home OS 4.12 or later
Licensing	A Virtual Door license key (cpllc.net/product/sdk-virtual-door) 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

Overview

The CPLLC Virtual Door is a door with no hardware behind it. Crestron Home shows and controls it as a door lock: a tile under Access › Locks, Lock and Unlock, and the room's and Home screen's door status. Sequences can lock and unlock it and act when it changes, so it can stand for a door, an access state or any secure / not-secure condition in the programming.

Capabilities

Capability	What it does
Lock and unlock	Locked / Unlocked, from the tile, the Home screen's Access panel, scenes (Lock All / Unlock All) and sequences.
Lock feedback	Each lock and unlock is confirmed as the door's last event (locked or unlocked remotely), as a real lock reports it.
Lock settings	Auto lock and its delay, privacy mode, keypad volume and the wrong PIN limit are kept, so sequences and Crestron Home can set and read them.

Capability	What it does
Live debug	Debug output turns on and off while the processor runs.

What's New in 5.00

- Rebuilt on the CPLLC 5.0 shared libraries and the Crestron Home lock model (Entity Model).
- The door is now a Crestron Home lock (Lock and Unlock) instead of an open / close door: Crestron Home shows doors only as locks, so in 4.x the door had no control in the app.
- Opening and closing, their transition times and the Opened, Opening, Closing and Closed events are gone with it; sequences use Crestron Home's lock actions and conditions instead.
- No extension page of its own: the door is controlled from Crestron Home's own lock controls.
- 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 extension 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.
- Settings page links renamed: an upgrade from an earlier 5.00 build asks for one Reconfigure.

Installing

Version 5.00 is listed under Lock, not Door Access, so it does not upgrade an installed 4.x Virtual Door in place: Check for Driver Update finds nothing. Load the package on the processor, delete the 4.x device from its room, add the 5.00 one and enter its license key again. Sequences that used the 4.x door's events must be set up again with its lock conditions.

For a new installation, add it from Drivers › Lock › Control Programming LLC › Virtual Door, name it, then enter its license key (or leave it blank on a site with a CPLLC site license). The CPLLC License Manager is not required.

After an upgrade from an earlier 5.00 build, the extension shows Reconfiguration Needed once: open it in Setup (or Configure Pro), check the settings and save. The links on its settings page have new names, which Crestron Home adds on the first Reconfigure; nothing entered is lost.

Installer Options

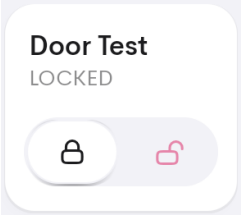
Option	Description
Obtain License Key	Opens CPLLC.net, where license keys and site licenses can be purchased.
Enter License Key	The Virtual Door license key. Leave blank when the site has a CPLLC site license.

Sequences

The door takes Crestron Home's own lock actions and conditions in sequences (lock, unlock, door is locked or unlocked); it adds none of its own.

End-User Experience

The door appears under Access › Locks and in its room as a lock tile, showing Locked or Unlocked with a lock / unlock switch, and in the room's and Home screen's door status.



The door tile, locked

Without a valid license key or a CPLLC site license, the door runs for a two-hour grace period after it starts; then it goes offline. Entering a valid key, or adding a site license, brings it back without a restart.

Known Limitations

- The door controls no hardware; it reaches other devices only through sequences.
- No open / close state: Crestron Home has no place for an open / close door (see What's New).
- No lock users or PIN codes.
- On Android, the Crestron Home app 4.13.0 can keep a spinner on a lock tile after one lock or unlock and send no further command until the app is restarted. The iPhone app works normally; this is the Android app, not the driver.

Test Environment

Crestron Home 4.013.0134 on a DIN-AP4-R, set up with Crestron Home Setup (XPanel 2.16.05) and used from the Crestron Home app 4.13.0 on Android. Lock and unlock and their status were checked in the app's Access panel.

Version History

Date	Version	Changes
2026-11-06	5.00	On the latest CPLLC shared libraries; the License Manager is no longer required; settings page links renamed (one Reconfigure after an upgrade)
2026-11-02	5.00	• Rebuilt on the CPLLC 5.0 shared libraries and the Crestron Home lock model • A lock (Access › Locks) instead of an open / close door • Last lock event and state reported after each command • Live debug on and off
2025-10-25	4.00	Initial release using the new OS4 SDK

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/sdk-virtual-door/

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