



Control4 Smart Home
OS 3.1 Release Notes



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1 Introduction

The Control4 Smart Home OS 3.1 (OS 3.1.0) release is a full release intended for both new and existing installations. This release is not only packed full of new items that are sure to delight both dealers and homeowners alike. We have powerful new controller hardware to run our largest homes. Expansion of Intercom Anywhere services and voice integration to provide greater flexibility and choice. Simplified Composer tools for making dealers lives easier and many more ongoing improvements.

2 CA-10 Automation Controller



The Control4 CA-10 Automation Controller is the newest and most powerful member of Control4's award-winning line of controllers and is engineered to deliver exceptional performance in big homes and commercial jobs. It offers four times the processing power and four times the memory of our previous flagship controller so dealers can provide customers with a responsive system capable of controlling thousands of devices. The CA-10 also offers customers more peace of mind knowing that the system is always available with numerous fail-safe systems including dual power supplies, dual solid-state drives, dual network ports, and dual fans. If one of these systems ever fails, the CA-10 automatically switches to the redundant system without interruption to the customer. Automatic service notifications can be programmed so you know immediately if a problem occurs. The CA-10 works as the primary controller to provide the muscle for the project. Use with EA controllers to provide streaming music, Zigbee, I/O, and on-screen TV interface. The CA-10 is also the perfect controller for small business applications where service agreements require the most reliable solution possible.

The CA-10 raises the bar for home automation through:

- A powerful processor with exceptional performance for big projects, up to thousands of devices.
- Multiple fail-safe systems to protect the system and keep it up and running even when a power supply, network port, solid state drive (SSD), or fan fails.
- Advanced programming capabilities to facilitate dealer notification of failover conditions.
- 5-year warranty

Order CA-10 and give it a try in your home or showroom! Use it for your biggest projects when high performance is critical and when high uptime is vital.

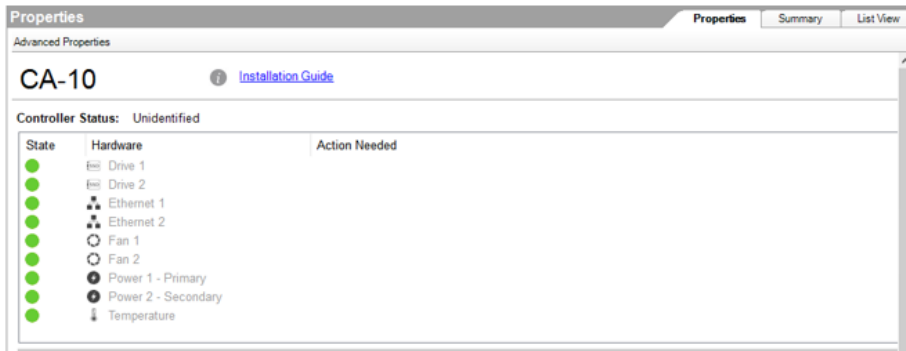
Note: If migrating the master controller to a CA-10, update both controllers to the latest version of OS 3.1 before starting the migration.

2.1 CA-10 Controller Status and Notifications

The driver for the CA-10 controller introduces new at-a-glance capabilities to monitor the health of the controller directly within Composer Pro and gives new notification abilities for service events.

CA-10 Driver in Composer Pro

The Properties tab of the CA-10 driver gives you a quick view of the controller's health, needed actions, and controller logs.



Programmable Service Notifications

The CA-10 driver includes device health events so programmable service notifications can be created to ensure that every aspect of the CA-10 is always being monitored.

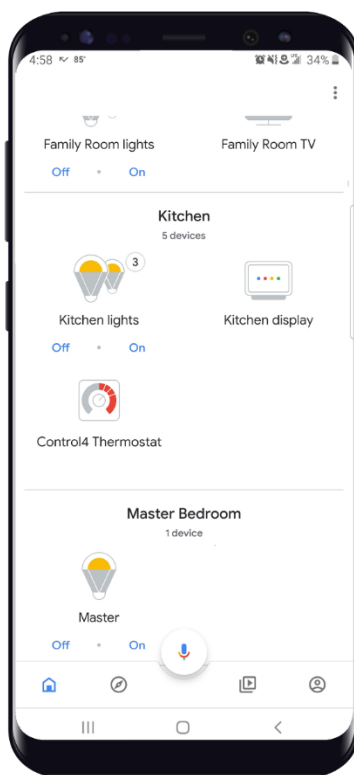


3 Google Assistant Integration

Control4 customers can now integrate Google Assistant into their Control4 Smart Home for voice control of their lights, lighting scenes, whole-home scenes, blinds, locks, thermostats, and fans.

- Homeowners can install and configure Google voice control at customer.control4.com
- Customers can also customize their voice experience by using various Traits
- Google Assistant devices include Google Home, Google Home Mini, Pixel, and other Android smartphones
- Google Assistant integration requires a 4Sight subscription

For more information, FAQs, and setup instructions, go to ctrl4.co/googlevoice-setup.



3.1 Smart Home Privacy Guard™

We are committed to protect and respect your privacy and will never share your information without your express consent. Control4 Smart Home Privacy Guard gives customers the ability to manage how they want to share information about the state of devices in their Control4 system with voice platforms like Amazon Alexa and Google Assistant.

- With Control4 Smart Home Privacy Guard enabled (the default state), Control4 only reports the state of devices when it is specifically controlled through a voice command.
- With Smart Home Privacy Guard disabled, Control4 will share the state of devices all the time so that Alexa and Google Assistant mobile apps and devices automatically

know each device state, even when the device state changes by some other interface like a touch screen or the Control4 mobile app.

Smart Home Privacy Guard settings are accessible on customer.control4.com. Learn more about Control4's privacy policy at <https://www.control4.com/legal/privacy-policy/>.

4 Expanding Intercom Anywhere

4.1 Third-Party Door Station Integration

Included in Control4 OS 3.1 is an important DriverWorks SDK update that enables third-party door stations to be fully integrated into the Control4 Intercom system and the Intercom Anywhere app. This new DriverWorks SDK update includes everything required, including a template driver, for manufacturers of SIP-based door stations and Control4 driver developers to create Control4 drivers for third-party door station products. Door stations are only required to support standards-based SIP functionality to fully interoperate with the Control4 Intercom system.

Drivers for for 2N, Comelit Quadra, and Akuvox R20 door stations are being released alongside OS 3.1, all leveraging the new Intercom DriverWorks SDK.

Note: The Comelit Quadra door station must be used in conjunction with the 1456G Gateway.

Please refer to the DriverWorks SDK release 3.1.0 documentation for details related to Intercom interoperability.

4.2 MDU Intercom Anywhere Support

Control4 OS 3.1 includes MDU Intercom Anywhere support which enables the following:

- Support for Intercom Anywhere (mobile) in both residences and common areas like a concierge desk
- Use of EA-5 and CA-10 controllers as communication server hardware

Note: Communication Server Lite and Communication Server Pro continue to be supported.

- Ability to configure the communication server from the Communication agent in Composer Pro
- Support for using custom buttons to enable users to lock or unlock a door, unlock a gate, or turn on a light.

5 Composer Pro 3.1 Changes

Composer Pro 3.1 includes updates to several agents, new ways to manage Composer versions, and better workflows for configuring Zigbee servers, identifying Zigbee devices, and migrating controllers.

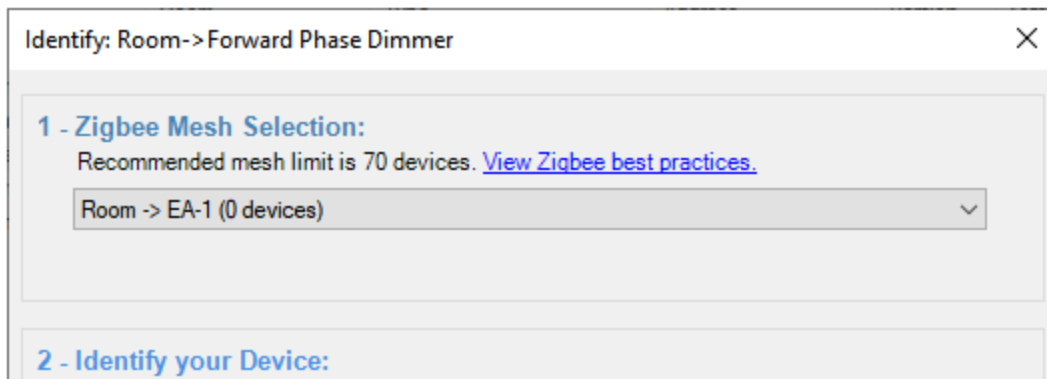
5.1 Composer Pro Version Independence

With Composer Pro 3.1, only one version of Composer software will be needed to manage all projects running OS 3 and higher. Composer Pro 3.1 will replace the need for running multiple versions of Composer software (for example Composer Pro 3.0 and Composer Pro 3.1). For projects running OS 2.10.6 or older, the specific Composer Pro version tied to the project version will be required, just like it is today (for example, an OS 2.10.6 project still requires a 2.10.6 Composer).

See the [Managing multiple project versions](#) in the online [Composer Pro Help](#).

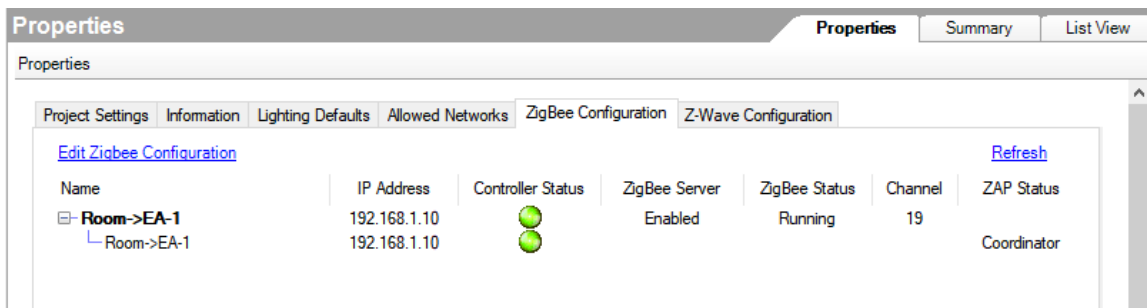
5.2 ZigBee Mesh Selection

There is a new workflow for dealers working in multi-mesh environments to choose a Zigbee mesh before identifying a device. This should cut down on Zigbee devices getting added to the wrong mesh, which would happen with the “all servers” dropdown option in older Composer versions. Also, in Composer Pro, Zigbee mesh selection window shows device node count, and has a link to the Zigbee design guidelines.



5.3 ZigBee Configuration in Project Properties

The Zigbee Configuration tab now has a column for IP address of Zigbee servers and ZAPs. This should help troubleshooting, gaining SSH access, or looking at logs rather than having to use Network Tools to find the IP address of the corresponding controller.



5.4 Composer Pro Additional Changes

- Composer Pro has added support for the CA-10 to the Migration Wizard as well as fixes to resolve issues with failed migrations.
- Composer Pro now supports printing right from the Detective Suite.
- Manage Drivers now remembers sorting state and column.
- In order to add flexibility to viewing options in the System Design Device Tree, you can now right-click to collapse devices.
- The Composer Pro icon has been updated to display correctly in the Windows Start menu.

5.5 Wake/Sleep Agent

Control4 added the ability to control Wake/Sleep from a mobile device in July 2019 and heard feedback from our dealer community that the differences in naming conventions between Composer and the OS were confusing. In OS 3.1, the Wakeup/Goodnight agent has been rebranded to the Wake/Sleep agent.

Note: The block in OS 3 that prevented the Wakeup/Goodnight agent from being added to a project that didn't have a T3 touch screen installed has been removed.

6 Composer Express Changes

- A visual issue has been resolved where some iOS devices displayed a gap at the top of the screen.
- The Upgrade Advisor now supports “sharing” functionality by creating a PDF that can be emailed or sent via text message.
- The loading screen has been updated to match the new designs.

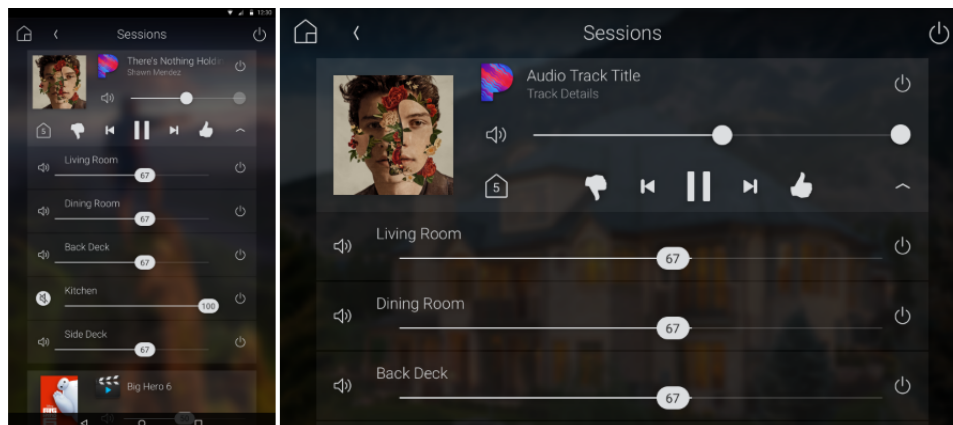
7 Lighting for On-Screen TV Interfaces

With the release of OS 3.1, Lighting has been added to the on-screen TV interface. The Lighting experience has been optimized for d-pad interaction with a remote. It also shares similar design to the mobile app and touch screen interface—you can easily go from the Room tab to the All tab to control lights in another room.



8 Session Changes

The Sessions experience has added transport controls and a drop-down menu, listing all rooms in the session—with individual room controls for mute, volume and power.



9 Pinch, Zoom, & Pan for Android and Touch Screens

The Control4 app for iOS has had the ability to do a pinch and zoom on a camera view. With OS 3.1, the Control4 app for Android and T3 touch screens can now pinch, zoom, and pan on a camera view. Once zoomed in on an image, panning the image can be done with a single finger swipe.

Note: The zoom is a digital zoom of the camera image and not a physical zoom of the camera.

10 Control4 App Performance Improvements

10.1 Fast Local App Connections

The connection time of the Control4 app for Smart Home OS 3 has been optimized for fast local network connections. The average connection time for an EA controller is around 2-4 seconds with the CA-10 even quicker around 0-2 seconds. Connection times vary based on the mobile device's Wi-Fi bandwidth, signal strength, and primary controller type.

10.2 Resolved Local SDDP Connections

The logic for identifying a controller on the local network through SDDP has been improved to resolve issues on networks that weren't passing SDDP packets correctly. This should resolve the issue where a customer without a 4sight license would be unable to connect to their system from the local network.

11 Known Issues

There is an issue when viewing cameras remotely with the newly released Android 10, currently supported on Pixel mobile devices. An update to the mobile apps to support Android 10 is coming in the near future.

12 Life Cycle Changes

There are no new life cycle changes for OS 3.1. There have been major life cycle changes during previous OS releases (OS 2.6.0, OS 2.10.0, and OS 3) which OS 3.1 will inherit. Connecting Composer 3.1 to a project will allow the upgrade report run and any needed changes will be outlined in the report.

12.1 Upgrade Path

To upgrade to OS 3.1, current Control4 systems must be OS 2.9.0 or higher.

13 Software Product Release Versions

Control4 software releases (since 2.10.x)

Release 2.10.x

Wednesday, September 6, 2017	2.10.0.540110-res	Initial Release - Triad One, Triad AMS, Triad 8 Zone, T3 Announcements, Spotify, Spotify Connect, SiriusXM, iHeartRadio, Z2IO, Z2C, When >> Then, SMW
Thursday, October 26, 2017	2.10.0.542164-res	Maintenance Release (superseded 2.10.0.450110-res) - Defect fixes
Wednesday, November 20, 2017	2.10.0.542686-res	Maintenance Release (superseded 2.10.0.452164-res) - Defect fixes
Monday, February 5, 2018	2.10.1.544795-res	Maintenance Release - CA-1, T3 5 GHz support, defect fixes
Tuesday, May 22, 2018	2.10.2.549842-res	Maintenance Release - Z2IO ZigBee Extender, defect fixes
Tuesday, July 31, 2018	2.10.3.552102-res	Maintenance Release - Intercom Anywhere App and defect fixes.
Thursday, September 6, 2018	2.10.4.533273-res	Maintenance Release - KNX, 8-Channel Forward Phase Dimmer, EA-1 as primary, defect fixes.
Tuesday, October 23, 2018	2.10.5.554707-res	Maintenance Release - Centralized Lighting Adaptive Phase Dimmer, Relay, and Gateway.
Tuesday, February 12, 2019	2.10.6.558226-res	Maintenance Release - Apple TV and defect fixes.

Release 3.0.x

Tuesday, May 22, 2019	3.0.0.562835-res	Initial Release - New user experience and Composer enhancements.
	3.0.0.563304 - res	Maintenance Release that supersedes the previous 3.0.0.562835-res version

Release 3.1.0

Wednesday, September 11, 2019	3.1.0.566775-res	Initial Release - CA-10, Google Assistant, Composer Pro version independence, Intercom Anywhere expansion, OSD lighting, Sessions, pinch and zoom on Android
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14 Technical Support Contact Information

If you encounter any issues during or following the update, or if you have any questions, please contact Control4 Technical Support for assistance.

USA	(888) 400-4072
UK	+44 1347 300001
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China	+86 400 8428136

For support in regions covered by a distribution partner, contact your distributor.

About Control4

Control4, a leading provider of the operating system for the smart home, delivers intelligent control of consumer electronics products, appliances and networking systems through an easy-to-use and intuitive software interface. Founded in 2003, the company delivers affordable automation and control of lighting, music, video, HVAC, security, and energy management systems to the broad market through more than 1,600 custom integrators, retail outlets, and distributors in over 65 countries. Control4 is the platform of choice for major consumer electronics companies, hotels, businesses and utilities that require an intelligent, open and affordable control solution. For more information, visit www.control4.com.

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Libertas

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Z-Wave

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