Control4 Smart Home

OS 3.1.3 Release Notes

Contents

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1 Introduction

The Control4 Smart Home OS 3.1.3 release is a maintenance release which also provides new feature enhancements around Access agent, Composer OS Management Packages, more flexibility in T3 and on-screen interface releases, and greater security with internal SIP communications. This release is intended for both new and existing installations.

2 Access Agent Enhancements

In OS 3.1.3, the Access agent supports assigning permissions to an individual touch screen or on-screen TV interface. To do so, you will need to use the Identity agent, Access agent, and UI Configuration agent to properly configure everything.

Additionally, the Access agent has been enhanced to include permissions for Favorites, Sessions, media sharing, Room/All Filter, and you are now able to lock a touch screen or on-screen interface to prompt for a pin code to access the device.

To set up the new Access agent permissions:

1. Add the **Access** agent to your project if needed.
2. Select the **Identity** agent in Composer.

    a. Click **Add User** to create a new user (for an individual interface or for a group of devices you want to access the same) and add the username and password.

    > **Note**: Password requirements are 8 characters, 1 upper case, and 1 special character.

3. Select the **Access** agent in Composer.

    a. Select the user you created from the dropdown menu.
    b. Toggle the **Access Agent** drop down to **Enabled**.
    c. Set permissions for the touch screen in the **Navigation**, **Media**, and **Other** sections.

4. Select the **UI Configuration** agent in Composer.

    a. Select the **User** tab.
    b. In the **Assign user to Touch Screen** selection menu, click on the user profile you created from the dropdown menu.
    c. Click **Apply To** and from the project tree, select touch screens, and on-screen TVinterfaces to assign permissions.

5. **Refresh Navigators** to apply permissions.

    For additional information about the Access agent visit: https://ctrl4.co/os3-accessagent

    > **Note**: **Access agent permissions are not currently supported on the SR-150/SR-250/SR-260 or Neeo remotes.

2.1 Updating a System with Access Agent Enabled

If you have Access Agent enabled in OS 3.x system and update to OS 3.1.3, existing settings stay the same and these new fields will be automatically set based on the prior status (Unlocked, Locked, or Hide) of Room Selector setting:

- Room/All Filter
- Media Sharing
- Sessions

These settings can be independently controlled after the update using Composer Pro or Home Edition.

3 Camera Performance Improvements

The snapshot and camera view have been rebuilt from the ground up with a focus on improved speed and stability for T3 touch screens and on-screen TV interfaces.

4 Composer Changes

Composer Pro 3.1.3 now supports connecting to prior versions of Virtual Director. To do so, you'll need the OS Management package—all of which have been recently updated to include Virtual Director—for the version you wish to connect to. Go to Tools, OS Management Packages, select the appropriate package, and click Update. Composer Pro may need to restart during this process. When you next connect to Virtual System, Composer Pro will present you with a list of Virtual Director versions to choose from.

The updates to our OS Management Packages require that you install each update when you connect to a local or remote system running OS 3.0.0 to 3.1.2. In the Connect to Project dialog, you'll notice that the status of your existing OS Management Packages indicates that installing the update is required in order to connect.

In addition to support for older versions of Virtual Director, both Composer Pro 3.1.3 and the latest version of Composer Express contain a number of fixes and minor enhancements.

5 Component (Automatic) Updates for Touch Screens and On-Screen TV Interfaces

A Control4 Smart Home OS release is a large release that pulls together products and components from across our engineering teams to create a unified release—this can mean less flexibility to rapidly respond with new features and defect resolutions. With OS 3.1.0, we introduced the capability to deliver automatic updates and defect fixes for the Neeo remote. With OS 3.1.3, we have added the ability to deliver automatic component updates for T3 Touch Screens and the on-screen TV interfaces.

6 Securing SIP Communication

With recent firmware and OS updates, all Control4 communications devices (intercom devices like the DS2 door station and T3 touch panel) were updated to use TLS encryption by default. We have added the ability to enable Strict Security for the project by enabling the Secure all communication feature in the Communication agent in Composer. Once enabled, this feature will block a device that is not using TLS from registering with FreeSwitch or making calls using FreeSwitch.

Enabling Strict Security will impact any project that is using the Universal SIP Phone (USP) driver or External Device entries for devices that do not have TLS 1.2 (or newer) enabled. Most modern SIP devices support TLS SIP transport, but TLS SIP transport may need to be manually enabled on a device-by-device basis (consult the device's owner's manual).

> Note: MDU Communication Server networks (MDU Communication Server + all residence projects) must have Strict Security configured identically for the system to work correctly.

7 Defect Fixes

The defects listed below are defects that were found in a previous release and have been fixed in the current release.

SYS-2876 - No serial/IR on secondary EA-3 after primary controller reboot

SYS-3196 - Disable camera does not persist after multiple reboots.

DC-3099 - Composer Pro is prompting for application update when launching equivalent version

DC-2981 - Error & Crash when trying to update Composer

DC-2933 – Composer Pro sometimes crashes when selecting a device with many advanced properties

DC-2932 - Zigbee mesh not showing in the routing tree after enabling Zigbee on the controller.

DC-2931 - Composer shows a connection to a project that I am not connected to after changing networks.

DC-2923 - Composer Pro - on driver selection focus is lost if driver lands on Advanced Properties, or if any driver is selected after viewing Advanced Properties

DC-2888 - Composer Express Android: Javascript Error when selecting properties under a controller.

DC-2884 - Composer Pro - Properties and Advanced Properties are now over two tabs defaulting on Properties vs a split pane view like in past.

DC-2876 - Composer Pro - uninstall & install does not check for running instance of ComposerPro.exe

DC-2830 - Unable to pull a controller snapshot with the error "Index was outside bounds of the array"

DC-2744 – Z-Wave network address bar on identify window is grayed out

DC-2741 - Composer Pro cannot tell the difference between System Manager and Composer Pro tile icons

DC-2476 - Clicking 'Edit Zigbee Configuration' when there is no controller in the project provides no feedback.

DC-2279 - Composer Pro error is received if installing while openvpn is running (libeay32.dll).

CORE-4015 - For the on-screen display, the changes created in Screen Saver and Home Settings aren't pushing to the controllers

CORE-3706 - EA controllers: Setting screensaver via programming does not work

CORE-3610 - Scheduler: The day of week != day x is broken.

CORE-3609 - When >> Then programming is no longer showing up as highlighted in Detective Suite.

CORE-2551 - Composer Express is getting a "Bad Request" message when trying to make changes while project locked.

COMM-1613 - Call from doorstation to residence ends after 30 seconds

COMM-1276 - Composer Pro -> Agents -> Communication: group becomes deselected when adding/removing devices

CI-12649 - On-screen display Access agent has issues with being able to navigate the d-pad buttons

CI-12636 - German translation for Shades is incorrect (should be Beschattung, NOT Jalousien)

CI-12630 - Screensaver Settings Not Applying to EA Devices

CI-12549 - Volume slider missing and there is a thin gray line between header and transport controls

CI-12542 - Wallpapers added by users are randomly deleted by director

CI-12510 - The on-screen display crashes when pressing the PAGE UP/DOWN to quickly when navigating between camera images.

CI-12483 - The thermostat setpoint bubble incorrectly rotates the ribbon during adjustment

CI-12432 - When selecting a setpoint value in single setpoint mode, the values overlap each other.

CI-12270 - Camera page closes when swiping cameras on the T3

CI-12268 - Several camera views are not showing up on Android

CI-12234 - Camera thumbnail view but won't load at all on the full screen view

CI-12214 - Long camera names can overlap with the Guide button labeled "Instructions" and navigate arrow buttons

CI-12196 - Wallpaper selected in the room isn't reflecting correctly

CI-12013 - After setting the project location, it is not being reflected in the on-screen display until a reboot occurs

CI-11962 - Blind Group driver shows incorrect UI for Blinds with Louvers on T3

CI-11934 - T3 stuck in black screen state.

CI-11883 - T3: Channel logos are shown contorted or not scaled

CI-11837 - Lighting Scene Wizard Should Not Display 3rd-Party Fans

CI-11727 - Intercom does not hide devices marked hidden

CI-11585 - Camera stuck spinning and not loading occasionally

CI-10216 - When Calling T3 In-Wall, caller ID does not pop up until going to home screen and then back to intercom

CI-9088 - Media service player search results always take you to first tab if you select a saved search

CI-8833 - Thermostat F setpoint up/down arrow sometimes jumps over a setpoint

CI-7133 - Using an ampersand in a lock user name will break the DS2 lock driver.

AV-5177 - iHeartRadio HLS stream is frequently buffering

AV-5148 - Triad AMS falls offline when Director reboots

AV-5053 - HDMI bindings are not prioritized when on-screen is in use.

AV-5007 - Sony STR-ZA3100ES Driver no longer able to path audio to Zone 2

AV-5003 - Triad AMS driver causing corruption in room endpoint names

AV-4884 - Pathing choosing HDMI path over analog path with attached project

AV-4777 - Pathing prioritized analog on AVR zone 1 while local source / path setter in use

8 Firmware Changes

For OS 3.1.3 there have been two firmware updates:

- Z2IO - 1.2.0.0d4bcc4
- Z2C - 1.2.0.0d4bcc4

9 Life Cycle Changes

No new life cycle changes with OS 3.1.3.

9.1 Upgrade Path

To upgrade to OS 3.1.3, current Control4 systems must be OS 2.10.0 or higher.

6 Software Product Release Versions

Control4 software releases (since 3.x)		
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.x		
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
Tuesday, September 17, 2019	3.1.1.569774-res	Maintenance Release – Security update with default password removal. OSD room change.
Wednesday, March 4, 2020	3.1.2.571828-res	Maintenance Release – Faster camera snapshots, and defect fixes.
Wednesday, May 27, 2020	3.1.3.574826-res	Maintenance Release – Access agent, Composer package management structure changes, component updates for OSD and T3, and defect fixes.

7 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
Germany	+49 69 9675 9797
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Spread

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Libertas

Libertas Firmware copyright statement for Touch Screens 6/26/09

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Contact Information

Control4 Corporation
11734 S. Election Road
Salt Lake City, UT 84020 USA
http://www.control4.com

Part Number: DOC-00500, Rev. A (OS 3.1.2) DH
Control4 Smart Home OS 3.1.2 Release Notes