



Control4 Operating System (OS)

Release Version 2.5.3

Release Notes

Copyright © 2014 Control4. All Rights Reserved.

Control4 Operating System Release Notes

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.

Disclaimer

Control4 makes no representations or warranties with respect to this publication, and specifically disclaims any express or implied warranties of merchantability or fitness for any particular purpose. Control4 reserves the right to make changes to any and all parts of this publication at any time, without any obligation to notify any person or entity of such changes.

Licenses

GNU

GNU GENERAL PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION (Section 3.b.)

You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

The complete text for this license is available on the Control4 website.

Gracenote

Gracenote®, Gracenote logo and logotype, and the "Powered by Gracenote" logo are either a registered trademark or a trademark of Gracenote, Inc. in the United States and/or other countries. Music and DVD recognition technology and related data are provided by Gracenote—Gracenote is the industry standard in Music and DVD recognition technology and related content delivery. For more information visit www.gracenote.com.

Spread

This product uses software developed by Spread Concepts LLC for use in the Spread toolkit. For more information about Spread see <http://www.spread.org>.

Libertas

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

Copyright (c) 2006, One Laptop per Child and Marvell Corporation. All rights reserved.

Redistribution—Redistribution and use in binary form, without modification, are permitted provided that the following conditions are met:

- * Redistributions must reproduce the above copyright notice and the following disclaimer in the documentation and/or other materials provided with the distribution.
- * Neither the name of Marvell Corporation nor the names of its suppliers may be used to endorse or promote products derived from this software without specific prior written permission.
- * No reverse engineering, decompilation, or disassembly of this software is permitted.
- * You may not use or attempt to use this software in conjunction with any product that is offered by a third party as a replacement, substitute or alternative to a Marvell Product where a Marvell Product is defined as a proprietary wireless LAN embedded client solution of Marvell or a Marvell Affiliate.

DISCLAIMER—THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND

CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Copyright

Copyright ©2014 Control4. All rights reserved. All rights reserved. Control4, the Control4 logo, the Control4 iQ logo and the Control4 certified logo are registered trademarks or trademarks of Control4 Corporation in the United States and/or other countries. All other names and brands may be claimed as the property of their respective owners. Pricing and specifications are subject to change without notice.

Contact Information

Control4 Corporation

11734 S. Election Road

Salt Lake City, UT 84020 USA

<http://www.control4.com>

Part Number: DOC-00105, Rev. A (OS 2.5.3)

Control4 Operating System (OS) Software Release 2.5.3 Release Notes

Copyright © 2014 Control4. All Rights Reserved.

Contents

1. Introduction	4
1.1 New Software with OS 2.5.3	4
1.1.1 Camera Improvements.....	4
1.1.2 Project Integrity Detection and Repair.....	4
1.1.3 WMA Support for TuneIn	4
1.2 Maintenance and Improvements.....	5
1.2.1 Important Improvements and Bug Fixes Included in OS 2.5.3.....	5
1.2.2 Sony STR Updates	6
1.3 Firmware Updates.....	6
2. Notifications, Limitations, Warnings, and Workarounds.....	8
2.1 OS 2.5.3	8
2.2 Prior Releases.....	8
3. Upgrading to OS 2.5.3	9
3.1 Update Recommendations for Existing Systems	9
3.1.1 ZigBee Pro	10
3.1.2 Software License.....	10
3.2 Quick Reference to the OS 2.5.3 and Later Upgrade Process	10
3.2.1 Pre-work Prior to Arrival at the Customer's Location	11
3.2.2 Upon Arrival at the Customer's Location.....	11
3.3 Validated Upgrade Paths for OS 2.5.3.....	13
3.3.1 Primary Controller/System Upgrades.....	13
3.3.2 Secondary Device Upgrades	13
3.4 Residential Software Product Releases.....	14
4. Technical Support Contact Information.....	16
5. Legal Notice	16

1. Introduction

This Control4® Operating System 2.5.3 release (also known as OS 2.5.3) contains some camera enhancements but is mostly a software maintenance release. The intended audience for this release consists of Control4 Dealers servicing new installations, those who need a specific fix outlined in the Maintenance section, or those who need the new camera improvements. Those who already have a previously supported version of the OS are encouraged but not required to update to this release. This release will include an OS release (flash included with the OS), Android release, and iOS release.

1.1 New Software with OS 2.5.3

1.1.1 Camera Improvements

A key benefit in the camera enhancements is providing a platform which allows us to extend our camera capabilities. This platform comes in the form of a new camera proxy (previous drivers were not DriverWorks proxy-based). In addition, a larger group of cameras will be supported on an accelerated basis due to aggressive partnership with camera manufacturers and the availability of a camera template for DriverEditor. Dealers will also find it easier to integrate with cameras, because we now support cameras that implement Control4's SDDP protocol. Those devices which have implemented SDDP can now automatically add the driver to the project and identify the device using UUIDs, thus eliminating confusion regarding driver selection and the difficulty of dealing with DHCP-addressed devices. We also increase confidence in our online drivers by extending our certification process to camera drivers.

1.1.2 Project Integrity Detection and Repair

Beginning with Composer Pro 2.5.3, Composer automatically scans the project to ensure it has current/corrected drivers and valid internal connections. At the time a project is loaded, and each time that a driver is added, Composer will scan the project/driver in the background. If any problems are detected, Composer Pro will prompt the installer and will offer to correct them. The installer can either have Composer make a correction or choose to bypass the automatic repair. In some cases, a driver can't be corrected by Composer. Any drivers in the project that have invalid internal connections or are improperly constructed are marked with a red X in the System Design tree for visibility, so the installer can easily identify them and deal with them appropriately.

1.1.3 WMA Support for TuneIn

Support has been added for WMA streams in TuneIn to increase station coverage worldwide, in particular for Asia, Latin America, and regional BBC stations.

1.2 Maintenance and Improvements

OS 2.5.3 includes some important defect fixes. The section below is not meant to be a comprehensive list, but it is a list of high-priority fixes of which you should be aware. These issues were identified in previous releases.

1.2.1 Important Improvements and Bug Fixes Included in OS 2.5.3

- Made changes to improve load times and stability of some types of Tuneln streams.
- Fixed an issue where Composer Search would crash when no Internet was available.
- Fixed an issue on the Audio Matrix Switch V3 where a popping noise may occur when unmuting.
- Fixed an issue where the 100 Series Power Amplifiers would turn off after an announcement was executed.
- Changed all 'IP Cameras' interface terms to just 'Cameras.'
- Fixed an issue where the engraving report does not properly format the borders.
- Improved the retry mechanism on the Panelized Lighting module when set to DHCP.
- Fixed an issue on the Next-Generation Lighting devices where programming didn't work on rocker devices set as 2-Button Keypads.
- Made many changes to the Puck and Next-Generation Lighting Devices. Updated firmware will be applied 03.22.31_2.5.3.360722-fw. (Allow 5-10 minutes for each device to update properly.)
- Made improvements to the load detection process on Next-Generation Adaptive Phase Dimmers.
 - The time required for an autodetect to occur has been reduced from a few seconds to just a single electrical cycle (1/60 or 1/50 of a second).
 - Since the new autodetection is virtually unnoticeable by the human eye, it now occurs on every reboot of the device.
 - In order to protect the device, if no load is attached to the APD when it performs an autodetect, the APD will only be allowed to switch on and off. It will not be allowed to dim. After connecting a load, the APD should be rebooted to force a new autodetect.
- Made changes to Puck Dimmer and Next-Generation Adaptive Phase Dimmer for better dimming of magnetic loads.
- Made performance improvements to the wired keypad bus.
- Fixed an issue with devices that are identified using a static IP address. Many of these devices went offline and remained offline indefinitely. As a result, the system could no longer communicate with these devices and they did not function properly. A reboot of the controller was necessary to bring them back online.
- "Leave Source Connected" enhancement was added to the 8x8 HDMI Matrix Switch properties.

1.2.2 Sony STR Updates

Currently there are no plans for the Sony® STR Receiver to be updated to an OS 2.5.3-based Sony software release. The latest software update available for the Sony STR Receiver is based on OS 2.5.2.

1.3 Firmware Updates

The table below lists any firmware that has received an update with this new release. If the firmware has not been updated in this release, then it isn't on this list. For the full firmware list, see [Support Knowledgebase Article 418](#).

Control4 Devices	Firmware Version
Audio Matrix Switch	03.03.70_232
Audio Matrix Switch V3	03.22.17_2.5.3.259271-fw
Multi Channel Amplifier	03.03.70_232
Multi Channel Amplifier v3	03.19.19_2.5.0.229723-fw
4 Zone Amplifier	03.19.19_2.5.0.229723-fw
Contact/Relay Extender - Ethernet	03.03.80_242
Multi Tuner	03.03.70_232
Multi Tuner V2	03.03.70_232
Panelized Lighting	03.22.41_2.5.3.425310-fw
Gen 3 Lighting	03.22.41_2.5.3.425310-fw
Gen 3 Keypad	03.22.41_2.5.3.425310-fw
Wireless 2-3-6 Button Keypads AVR	03.19.49_2.5.0.234358-fw
Wireless 2-3-6 Button Keypads EM250	03.22.41_2.5.3.425310-fw
System Remote Control SR-150	03.22.45_2.5.3.425522-fw
System Remote Control SR-150B	03.22.45_2.5.3.425522-fw
System Remote Control SR-250	03.22.45_2.5.3.425522-fw

Control4 Operating System Release Notes

System Remote Control SR-250B	03.22.45_2.5.3.425522-fw
Wireless Dimmer and Switch AVR	03.20.14_2.5.1.236759-fw
Wireless Dimmer and Switch EM250	03.22.41_2.5.3.425310-fw
Wireless Dimmer and Switch EM357 Puck	03.22.41_2.5.3.425310-fw
Wireless ELV Dimmer	03.19.49_2.5.0.234358-fw
Wireless Inline Dimmer	03.18.76_2.5.0.220195-fw
Wireless Outlet Dimmer and Switch	03.19.49_2.5.0.234358-fw
Wireless LCD Keypad	03.18.76_2.5.0.220195-fw
Ethernet LCD Keypad	03.03.70_232
Wireless Thermostat	03.19.49_2.5.0.234358-fw
Hospitality Wireless Thermostat	03.19.49_2.5.0.234358-fw
Control4 Dock for iPod	00.03.22
Kwickset door locks (Pro only)	01.08.13
Card Access ZigBee Range Extender	03.23.54_2.6.0.425939-fw

2. Notifications, Limitations, Warnings, and Workarounds

2.1 OS 2.5.3

- When performing a ZigBee coordinator replacement, we have found that nodes may not properly clear the old coordinator from memory, causing nodes to appear as “offline.” The remedy is to power cycle the ZigBee nodes by doing a 15-tap reboot or a power cycle.
- For a more comprehensive list of issues found in past releases but fixed in OS 2.5.3, see the following Knowledgebase article at: <http://kb.control4.com/questions/822>.

2.2 Prior Releases

For details about previous software releases, see the Release Notes for that release.

- Release Notes for OS 2.5.2.
See <http://www.control4.com/docs/product/control4-software/dealer-release-notes/revision/K/control4-software-release-notes-rev-k>.
- Release Notes for other releases.
See <http://dealer.control4.com/dealer/support/documentation> under Software or check the Control4 Knowledgebase.

For details about ZigBee upgrades:

- See <http://dealer.control4.com/dealer/support/documentation> under Software and ZigBee Pro Upgrade.
- Also see the next section.

3. Upgrading to OS 2.5.3

Follow the recommendations in this section if you have an older system that uses Embernet, and you want to upgrade that system to ZigBee Pro with the latest release.

3.1 Update Recommendations for Existing Systems

IMPORTANT! (1) The OS 2.5.3 release utilizes ZigBee Pro for ZigBee RF communications. Controllers and ZigBee firmware devices upgraded to OS 2.1 or later cannot be downgraded to Release 1.7.4 or prior versions. (2) A few legacy products are not supported in OS 2.5.3. Other products are supported, but may have limited functionality or may not provide access to new capabilities. For a current list of products and lifecycles, see <http://dealer.control4.com/dealer/support/product-lifecycle>.

Control4 recommends that customer systems running OS 2.0.x or 2.1.x be upgraded to OS 2.5.3 if they need any of the improvements included in this release.

1. Control4 recommends that customer systems running OS 1.8.2 be upgraded to OS 2.5.3. Control4 no longer provides any support for OS 1.8.2.
2. Control4 will continue to support Release 1.7.4 for existing customers for a limited time.
 - Please use Composer 1.7.4 to manage projects running on Release 1.7.4. Other versions of Composer may introduce incompatible drivers or project settings.
3. Control4 no longer provides support for versions of software prior to 1.7.4. We recommend that these systems either be left "as is" or be upgraded to OS 1.7.4 or to OS 2.5.3.
 - Control4 will not provide new or replacement hardware products for prior versions.
 - Customers may continue to run prior versions for as long as they want. However, Control4 Technical Support has limited ability to answer questions and provide assistance for older product releases.
 - Release 1.3.2.442 was the final release of the Release 1.3.x product line. While Control4 doesn't actively support this release, it is the best/final release of this line and may be considered as an option for customers who are using a Home Theater Controller or a Media Controller as the primary controller within their system.
 - Customers' systems running Release 1.6.0 or any 1.7.x release should be upgraded to Release 1.7.4 or to OS 2.5.3.

IMPORTANT! OS 2.5.3 is a complete system software release. All supported Control4 devices will receive new software or firmware. The update process will affect all devices in the Control4 system.

3.1.1 ZigBee Pro

Control4 has been utilizing ZigBee Pro for ZigBee RF communications since the release of OS 1.8 in August 2009. If you are updating a customer from version 1.7.4 or prior, they will have ZigBee devices running the older ZigBee protocol. These systems can be updated all the way up to OS 2.5.3; however, special instructions apply. Please see *Composer Pro Software Release Update Instructions – 1.7.4 to 2.0* on the Control4 Knowledgebase for more information.

3.1.2 Software License

In conjunction with the OS 2.0 release, Control4 introduced a Software License. All new controller hardware product purchases include a Software License. This same license applies to OS 2.5.3. Customers who have systems purchased prior to OS 2.0 can purchase a software license for OS 2.5.3.

- The Software License is an electronic license purchased by the Control4 Dealer using their my.control4.com dealer account credentials or through the standard purchase order process.
- A dealer must purchase and assign a license to the customer's Control4 account (to which the system is registered) to upgrade prior-version systems to OS 2.5.3. If an upgrade is to be performed immediately after adding a license, the dealer should perform a "Check In" using Composer Pro (Tools > Account Services).
- Customers who have previously updated their systems to any OS 2.x version will have the needed license to update to OS 2.5.3.
- Control4 provides a no-charge OS 2.x license for controllers shipped on/after December 23, 2009. No paperwork or manual approval is required to receive the no-charge upgrade. To receive the no-charge upgrade, the eligible controller must be the primary controller for the Control4 system. During the upgrade process, Update Manager will check the MAC address of the primary controller. If it is in the Control4 list of controllers shipped on/after December 23, 2009, the upgrade will proceed without requiring a software license.

3.2 Quick Reference to the OS 2.5.3 and Later Upgrade Process

- The upgrade to OS 2.5.3 and later follows the same essential process that prior upgrades have followed, with a few basic exceptions that are called out here. The following description is a quick reference and doesn't go into detail in many areas. See the referenced documentation for additional information.
- Customer systems that are on Release 1.8.2 or any OS 2.0.x release can be upgraded to OS 2.5.3 and later using Remote Access. However, Control4 recommends that you become comfortable with the OS 2.5.3 upgrade procedures by performing several upgrades on-site before you decide to use Remote Access.
- Customer systems that are on Release 1.7.4 or prior releases can't be upgraded remotely because the dealer or installer must be physically present to join ZigBee devices to the mesh network.

3.2.1 Pre-work Prior to Arrival at the Customer's Location

1. **Ensure that Composer Pro for OS 2.5.3 and later has been installed and activated on the installer's laptop or PC.** Internet connectivity is required for activation for first-time installations.
2. **Internet connectivity is required on-premise for upgrading from OS 2.0.x to OS 2.5.3 and later.** Because the OS 2.0.x release did not support USB Install, the primary controller must first be updated to OS 2.5.3 using either the USB Restore or using Update Manager with an Internet connection. After the primary controller has been updated to OS 2.5.3, the USB Install for OS 2.5.3 can be used to update the remainder of the devices on the system. Ensure that Internet connectivity is available or plan for temporary Internet connectivity during the time the upgrade is performed. You can then upgrade the system to OS 2.5.3.

If you plan to use the USB Install for OS 2.5.3 to upgrade to OS 2.5.3 from any version other than OS 2.0, create the USB Install stick and load the license information needed to complete the update. This requires Internet access, the type of the primary controller, and the MAC address of the primary controller.

3. **Make sure you understand the upgrade path based on the current version installed on the customer's system.** For prior version upgrade support, see "Validated Upgrade Paths for OS 2.5.3."
4. **If a software license is needed, use your dealer account** on my.control4.com to assign the license to the customer's account.
5. **If updating from Release 1.7.4, 1.8.2, or a prior version,** make sure you understand the impact that the new operating system and ZigBee Pro will have on devices in the system. You may need to sell replacement or additional hardware to make the system work correctly. Make sure to confirm any potential equipment upgrade costs with customers prior to the upgrade.

3.2.2 Upon Arrival at the Customer's Location

1. Connect to the Control4 system using the appropriate version of Composer Pro for the system that is currently running.
 - a. Ensure that all IP and ZigBee devices have been identified and are online.
 - b. Ensure that all system programming is working as it should prior to beginning the update.
 - c. **Make a backup of the Control4 system in Composer Pro prior to beginning the update.** This backup should be named so that you can find it later if needed.
2. (Optional) Make sure that the customer's media collection is backed up. Whether the media is stored on a Control4 controller hard drive, a USB drive, or a network-attached storage device, it is subject to loss if the storage device fails. Control4 doesn't provide backup solutions for data storage, but recommends that you ensure that customers use a backup solution.

Control4 Operating System Release Notes

3. Connect to the Control4 system using Composer Pro 2.5.3 (or later) to initiate the upgrade to OS 2.5.3 or later, and then use Update Manager to begin the update process.
4. If updating from a version prior to OS 2.0.x, be aware of the following:

The Composer Pro upgrade wizard will give you the opportunity to convert the media database and write metadata to id3 tags in MP3 files.

- a. The OS 2.x media scanning process allows Control4 to synchronize the media database with changes made by a third-party media manager (for example, Media Monkey, Apple iTunes, or Microsoft Media Player). This is done using the id3 tags embedded in the files.
 - If you believe the Control4 media database has the most correct/current information about song metadata, you can write this information to the MP3 file tags at this time (the storage device has to be online and writeable). If you don't write the metadata to the tags and then scan, the information in the media database will be replaced by the information in the tags when the media is scanned.
 - If you believe the media tags are more correct or current than the Control4 media database, you should *not* write the metadata from the media database to the tags.
- b. The OS 2.x system uses a different media database format than 1.7.4, 1.8.2 and prior versions. You must convert it when you upgrade the system. If you choose not to convert it, the media database will be deleted and can be repopulated by scanning.
 - The 10.5" Wireless Touch Screen V2 operates at a different resolution. During the upgrade process, the wizard will look for the Photo Screen Saver storage location and automatically scale all screen saver images for the new resolution.

5. Monitor the update progress of the IP devices using Update Manager.
6. If updating from a version prior to OS 2.0, after the touch screens have been updated (those that support the Flash Navigator, not including the latest capacitive 5" or 7" In-Wall Touch Screen with Camera, 7" Portable Touch Screen with Camera, and so on), they will prompt for recalibration prior to use.
7. After the primary controller has been upgraded to OS 2.2 (or later), the ZigBee Pro devices will begin to update automatically.
 - a. For Release 1.7.4 or prior version systems, an update of all ZigBee devices to ZigBee Pro is required. Refer to the ZigBee Pro Upgrade Instructions, *Composer Pro Software Release Update Instructions – 1.7.4 to 2.0* on the Control4 Knowledgebase or in Support > Documentation at dealer.control4.com if you are not familiar with this procedure.
 - b. For OS 1.8.x systems and OS 2.x systems, the update to the latest ZigBee Pro firmware versions will occur automatically and will not require user intervention. Please be aware that while firmware updates are in progress, ZigBee performance will be sluggish and devices in MiniApp mode will have limited functionality.
8. At the conclusion of the update, reboot the PC running Composer Pro to ensure that the Samba mounts to the controllers are current.

9. **Back up the project.** After completing the update, make a backup file of the Composer Pro project. Give it a name that distinguishes it from the pre-upgrade backup. If you ever need to restore this system, having a current backup will save you a lot of time and effort.

3.3 Validated Upgrade Paths for OS 2.5.3

3.3.1 Primary Controller/System Upgrades

- Controllers running system versions earlier than Release 1.2.x may not be able to retain their project through an update.
- Any Release 1.2.x or prior version system (primary controller and devices) must be updated to Release 1.3.2. The update server automatically updates them to Release 1.3.2.234, after which they can be updated further, but it's a multiple-step process.
- Any Release 1.3.x system can be updated to Release 1.6 or to any Release 1.7.x. The system can be updated further afterward, but it's a multiple-step process. HC-300s being updated will have their internal memory repartitioned. The installer must save the project and restore the controller after the update is completed, because the project will be lost when the device is repartitioned.
- Only systems running Release 1.7.4 or later can be directly updated to OS 2.5.3 or later.

3.3.2 Secondary Device Upgrades

- An HC-300 functioning as a secondary controller needs to be updated to Release 1.6 or Release 1.7.x. This allows the system to repartition the internal memory.
- All other secondary controllers (Release 1.3.x or later) can be updated directly to any upstream version as long as they're added to a project with a primary controller that is running the correct version.

3.4 Residential Software Product Releases

Control4 Software Releases (From Inception)		
Release 1.x.x		
Wednesday, July 06, 2005	1.0.203.8	Initial Release
Friday, September 02, 2005	1.1.2.2	Maintenance Release
Friday, October 14, 2005	1.2.0.90	Maintenance Release
Thursday, November 03, 2005	1.2.2.6	Maintenance Release
Sunday, December 28, 2005	1.2.3.43	WiFi Support
Monday, March 06, 2006	1.2.4.48	Maintenance Release
Thursday, March 23, 2006	1.2.4.50	Maintenance Release
Tuesday, May 30, 2006	1.2.5.28	Thermostat and Outlet Modules Support
Release 1.3.x		
Thursday, September 07, 2006	1.3.0	Initial Release
Monday, October 16, 2006	1.3.0.351	
Wednesday, December 20, 2006	1.3.1.114	Initial Release
Friday, January 12, 2007	1.3.1.116	
Wednesday, March 07, 2007	1.3.1.120	Daylight Savings Time Change
Tuesday, March 20, 2007	1.3.1.122	
Monday, July 23, 2007	1.3.2.228	Initial Release
Friday, August 03, 2007	1.3.2.230	Maintenance Release - Updating firmware on Amp, Switch, etc.
Thursday, August 23, 2007	1.3.2.234	Maintenance Release - Various fixes, including NAS on HC-300.
Wednesday, October 31, 2007	1.3.2.298	Support for Amplifier V3 Release
Thursday, November 15, 2007	1.3.2.318	Support for HC-1000 Release
Tuesday, February 26, 2008	1.3.2.438	Support for HC-500 Release
Wednesday, April 30, 2008	1.3.2.442	Maintenance Release - Disable Onboard Serial Port on HC300/HC500.
Wednesday, June 11, 2008	1.3.2.442	HC300 VBUS Change to Kernel.
Release 1.6.x		
Tuesday, July 29, 2008	1.6.0.486	Initial Release
Wednesday, Sept 17, 2008	1.6.0.512	Maintenance Release, SR-250
Release 1.7.x		
Monday, December 01, 2008	1.7.0.348	Initial Release
Monday, December 29, 2008	1.7.1.290	Dock for iPod Release

Control4 Operating System Release Notes

Control4 Software Releases (From Inception)		
Monday, March 30, 2009	1.7.2.160	Remove Polling; HC-1000v2, ELV Dimmer, 7" Portable Touch Screen
Wednesday, April 29, 2009	1.7.3.20	7" Portable Touch Screen Release
Tuesday, September 29, 2009	1.7.3.68	Maintenance Release – Audio priority and 7" Touch Screen
Monday, December 14, 2009	1.7.4.36	Maintenance Release – On-Screen focus and Zones improvements
Release 1.8.x		
Monday, August 31, 2009	1.8.0.44415	Initial Release
Monday, November 16, 2009	1.8.2.56194	Initial Release – multiple ZigBee Servers and Security changes
Wednesday, March 17, 2010	1.8.2.66691	Maintenance Release – Thermostat and B&D Lock
Release 2.0.x		
Tuesday, June 29, 2010	2.0.0.80198	Initial Release
Wednesday, August 18, 2010	2.0.1.86265	Maintenance Release – HC200B/HC300C
Tuesday, September 7, 2010	2.0.2.88485	Maintenance Release – 7" IE Touch Screen
Tuesday, October 19, 2010	2.0.4.92890	Maintenance Release – Fix snmpd/crond lockup
Tuesday, December 14, 2010	2.0.5.99233	Maintenance Release – HC200B as primary controller
Wednesday, January 19, 2011	2.0.6.102864	Maintenance Release – 5" In-Wall Touch Screen
Release 2.1.x		
Tuesday, June 7, 2011	2.1.0.126418	Initial Release
Tuesday, August 30, 2011	2.1.1.135702	Maintenance Release-Fix Flash Navigator lockups.
Release 2.2.x		
Tuesday, January 31, 2012	2.2.0.158343	Initial Release – HC-800 and 7" Portable Touch Screen with Camera
Wednesday, April 18, 2012	2.2.1.171726	Maintenance Release – HC-250
Monday, June 25, 2012	2.2.2.184775	Maintenance Release – 7" In-Wall Touch Screen with Camera, Door Station – Exterior
Wednesday, October 3, 2012	2.2.4.200568	Maintenance Release – Sony STR receiver, Door Station – Interior driver
Release 2.3.0		
Wednesday, December 12, 2012	2.3.0.210826-res	Initial Release – New agents, new Lighting UI, SDDP, new MyHome device management in licensing.
Release 2.4.0		

Copyright © 2014 Control4. All Rights Reserved.

Control4 Operating System Release Notes

Control4 Software Releases (From Inception)		
Wednesday, April 10, 2013	2.4.0.227470-res	Initial Release – Anywhere Access, Tuneln, Remote Recharging Station, and software improvements.
Release 2.5.x		
Thursday, June 6, 2013	2.5.0.235326-res	Initial Release – Next generation of lighting products, new line of Panelized Lighting products, and Wireless Music Bridge.
Thursday, August 8, 2013	2.5.1.242407-res	Maintenance Release – Configurable Decora Wired Keypad, Bus Ethernet Gateway, 48V Bus Power Supply; bug fixes.
Thursday, September 19, 2013	2.5.2.247182-res	Maintenance Release – Audio Matrix Switch, 8x8 HDMI Matrix Switch, 100 Series Power Amplifiers, bug fixes.
Wednesday, February 26, 2014	2.5.3.429171-res	Maintenance Release – Camera proxy, integrity detection & repair tool, WMA support, bug fixes.

4. 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.

Phone: 1-888-400-4072

Email: support@control4.com

For more information about the new features and capabilities of OS 2.5.3 or later, visit <http://dealer.control4.com/dealer/training>.

5. Legal Notice

This document is confidential and is only made available to authorized Control4 Dealers who have agreed to terms of confidentiality under the Control4 Non-Disclosure Agreement. These terms must be maintained and pertain to information found in this document.

Information in this document, including URL and other Internet website references, is subject to change without notice and is provided for informational purposes only. The entire risk of the use or results of the use of this document remains with the user, and Control4 makes no warranties, either express or implied. Complying with all applicable copyright laws is the responsibility of the user. Without limiting the rights under copyright, no part of this document may be reproduced, stored in or introduced into a retrieval system, or transmitted in any form or by any means (electronic, mechanical, photocopying, recording, or otherwise), or for any purpose, without the express written permission of Control4.

Control4 Operating System Release Notes

Control4 may have patents, patent applications, trademarks, copyrights, or other intellectual property rights covering subject matter in this document. Except as expressly provided in any written license agreement from Control4, the furnishing of this document, does not give you any license to patents, trademarks, copyrights, or other intellectual property.

This document is for reference purposes only, and it is provided only as advice to Dealers. Each system setup is unique and customized to a specific customer's needs. It is the Dealer's responsibility to make sure the system is compatible before making any changes and installing any updates. In addition, it is the Dealers responsibility to get the customer's permission before accessing the customer's system and making any changes or installing any updates.