

ETC Release Note

Eos® Family Lighting Control Software

Product Line:	Eos Family Lighting Control
Description:	Version 2.6.0 System Software
Engineering Change Master (ECM):	500017375
Effective Date:	2017-07-27

Purpose

The purpose of the 2.6 software release is to add a number of new functions including revisions and additional granularity in recording/recalling snapshots, priority mark states, additional query functions, new live display toggle states (to see source of current values, output level, patch address, recorded values sitting behind manual overrides), support for USB MIDI devices, additional quick-access pop-up tools, new fader configuration options, and much more. Please see the Eos Family v2.6.0 Supplement to Operations Manual for more information.

We have also unlocked a number of features in the Element console. Please see the Element v2.6.0 Supplement for more information.

There are two other critical changes. We have posted a complete refresh to the iRFR and aRFR apps. These will be free downloads to anyone who has previously purchased the apps. Please see the aRFR/ iRFR Setup Guide for more information.



CAUTION: *If you update the app but are not yet in a position to install version 2.6 software, your app will no longer function. We have taken the current applications and rebranded them aRFR Classic and iRFR Classic. You can download these free apps to restore previous functionality.*

Further, ETC is changing our policy for output upgrades. Rather than incremental 1K, 2K or 4K upgrades above base output, we will offer two levels only. The base console and an unlocked version.

Minimum/ maximum capacity is now as follows:

- Eos Ti (with Display port) - 4K base, 24K unlocked
- Eos Ti (with DVI) - 4K base, 16K unlocked
- Gio (with Display port) - 4K base, 24K unlocked
- Gio (with DVI) - 4K base, 12K unlocked
- Gio @5 - 4K base, 24K unlocked
- Eos RPU3 (with Display port) – 4k base, 24K unlocked
- Eos RPU3 (with DVI) – 4k base, 12K unlocked
- Ion (Win 7) – 1K base, 6K unlocked
- Ion (XP) – 1K base, 3K unlocked
- Ion RPU (Win 7) – 2K base, 6K unlocked
- Ion RPU (XP) – 2K base, 3K unlocked
- ETCnomad – 512 base, 6K unlocked
- ETCnomad Puck (4 USB) – 512 base, 6K unlocked
- ETCnomad Puck (3 USB) – 512 base, 2K unlocked

On previously purchased consoles, when you install version 2.6 software, you will notice the following:

- If you have an ETCnomad 256 or ETCnomad Puck 256, you will now have 512 output.
- If you have an ETCnomad 1024 or higher, you will now have 6,144 output.



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Product information and specifications subject to change. ETC intends this document to be provided in its entirety.

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- If you have an ETC nomad Puck (4 USB) 1024 or higher, you will now have 6,144 output.
- If you have an ETCnomad Puck (3 USB) 1024 or higher, you will now have 2048 output.
- If you have a Win 7 Ion 1536 or higher, you will now have 6,144 output.
- If you have a Win XP Ion 1536 or higher, you will now have 3,072 output.
- If you have a Gio @5 5K or higher, you will now have 24,576 output.
- If you have a Gio (Display port) 5K or higher, you will now have 24,576 output.
- If you have a Gio (DVI) 5K or higher, you will now have 12,228 output.
- If you have an Eos Ti (Display port) 5K or higher, you will now have 24,576 output.
- If you have an Eos Ti (DVI) 5K or higher, you will now have 12,228 output.
- If you have an Eos Classic 5K or higher, you will now have 8,192 output.
- If you have an Eos Classic RPU 5K or higher, you will now have 8,192 output.



Note: *If you downgrade from 2.6 to an earlier release, your previous output level will be restored.*

These output counts will be maintained from 2.6 through the life of the product.

This software release is highly recommended for all users of the Eos Family platform (Eos Ti®, Eos®, Gio®, Gio @ 5™, Ion®, Element™, ETCnomad®, and ETCnomad Puck®).

For any questions relating to the contents of this release or the behavior of this software, please contact ETC Technical Services at the office nearest you. A list of ETC offices is given at the bottom of this page.

Availability

You may obtain this release of software by downloading it from the Downloads section of the ETC website, www.etcconnect.com.

Documentation

The current documentation for Eos Titanium, Eos, and Gio is the Eos Family v2.6.0 Supplement to Operations Manual Revision A, and the Eos Titanium, Eos, and Gio v2.0 Operations Manual Revision A. The current documentation for Ion is the Eos Family v2.6.0. Supplement to Operations Manual Revision A, and the Ion v2.0 Operations Manual Revision A. The current documentation for Element is the Element Supplement v2.6.0, Eos Family v2.6.0 Supplement to Operations Manual Revision A, and the Element v2.1 User Manual Revision A.

Please keep this release note with your user manual for descriptions of the newest features, changes and bug fixes in Eos.

ETC manuals can be downloaded free of charge from ETC's website at www.etcconnect.com. They are available in portable document format (pdf), and viewable with Adobe® Acrobat® Reader™ v8.x and later.

Affected Products of This Release

The following Eos Family products are affected by this software release:

- Eos Titanium
- Eos
- Gio
- Gio @ 5
- Ion
- Element
- Eos Remote Processor Unit (RPU)
- Eos Remote Processor Unit 3 (RPU3)

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- Ion Remote Processor Unit (RPU)
- Net3 Remote Video Interface (RVI)
- Net3 Remote Video Interface 3(RVI3)
- ETCnomad (PC & Mac Client/Offline)
- ETCnomad Puck

Key Enhancements in v2.6.0

- Add [Reset Columns] to tab config menu for all tabs
- Quick-Access popup tools
- [Silent mode] button to Time code lists to countdown time, but not fire events
- [Sub 1 CopyTo Sub 2 Attrs Only] to only copy subs attributes, not levels or effects
- Fader Config: Manual Time master
- 3 decimal places in target numbers that allow decimals
- Changes to Subs With Effects
- Expand collapse button to last column of CIA parameter table
- Setup option to disable Element help message prompts above command line
- Blind Spreadsheet shows all parameters by default
- DirSel Dbl Click Option Added for Element
- Use Shift + Label as a shortcut to get to Cue Notes
- An option to the Macro editor to exclude execution of the associated macro from being learned by Time Code.
- The ability to save logs from the main Eos app, without having to exit to the shell
- [Chan 1 CopyTo Chan 2 From_Absolute] to copy chan 1's absolute value to chan 2
- Show Control : Midi Notes : Fader Actions responds to Velocity and CC to set fader levels
- Row in "About Address" shows sACN input value.
- A Cue List in Solo Mode should be exempt from external show control triggers.
- Scene targets on custom direct selects
- Current value added to Show control list display's sACN input events
- Element : Enhancing Element Controls
- The use of any sACN universe
- Hiding Scene Breaks in PSD config menu.
- Fader Config: Macro X option for custom fader buttons
- Priority Marking
- Turn relays on and off via a macro.
- Open virtual keyboard within patch fixture search.
- "About +" Display Toggles
- New Query Conditions
- Snapshots: Selective Snapshot Interface
- csv Import
- About IFCB Palettes
- User Defined Monitors
- Label column in blind spreadsheet.
- Support for 3rd party MIDI over USB
- PC Keyboard should have a drop-down box to select language

Key Enhancements in v2.5.2

- Bug Fixes

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Issues Corrected in v2.6.0

- RND 0042308 Eos Needs an Option to Enable/Disable MIDI Communications Over USB
- RND 0042155 "Through Power" RDM Dimmers Can Be Lost or Mislabeled When EOS Starts Up
- RND 0042123 Patch: Custom Fixture Editor : Ranges : Problems with Min and Label columns and data
- RND 0042116 Snapshots - all "Browser" property to designate whether or not it appears in the popup snapshot browser
- RND 0042046 Should be able to use Shielded Inhib Subs on Shielded Subs
- RND 0042015 "+" is displayed in label column in PSD after cue with notes is deleted
- RND 0041985 Add [Reset Columns] to tab config menu for all tabs
- RND 0041974 Enforce new dongle output ranges
- RND 0041967 Effect sub with Priority 3 (less than default) cant output
- RND 0041918 Opening Gio Encoder Display in patch may cause softkeys to stop functioning
- RND 0041913 Allow Sub Load out of order
- RND 0041908 Patch display switches to default address format when not in focus.
- RND 0041900 Accidental Show Control List Creation
- RND 0041865 Patch output is slower in 2.6.
- RND 0041827 Net3 RFR - [Go] button always follows master fader of console connected while [LoadQ] works on the RFR user
- RND 0041822 [Back] is removing parameters it doesn't own from background, so that other cuelists can't release back to those parameters
- RND 0041807 [goto cue x Minus Links] still fires execute fields like macro
- RND 0041791 Not possible to fade NIs while fading out intensity, then mark in same cue
- RND 0041765 Handle S4WRD in AC Dim Mode as an RDM Dimmer Only
- RND 0041764 [Minus links] after [gotocue X time] is non-functional
- RND 0041627 More Quick-Access popup tools
- RND 0041623 Fader Config: Remove Stop effect Fader option, replaced by Start Stop Effect
- RND 0041548 Add [Silent mode] button to Time code lists to countdown time, but not fire events
- RND 0041545 MIDI: Cant fire cues above cue 2147
- RND 0041526 Position of cue's Intensity Master Fader is not preserved through a restart
- RND 0041438 Notes are not displayed when opening a PSD tab that is "default" configuration showing notes
- RND 0041437 [Sub 1 CopyTo Sub 2 Attrs Only] to only copy subs attributes, not levels or effects
- RND 0041436 Preserve Native and fixture type change makes all cue data absolute for that channel
- RND 0041433 Repeat Lightwright Imports changing Address mapping with Notes Only checked affects patch records
- RND 0041415 Nomad Display Config: Remove Default 4 Split frame Layout
- RND 0041383 channels of type "Color Source Relay Wired DMX" are not displaying their load parameter
- RND 0041366 Unbumping a proportional sub should revert LTP params to sub position, not release them
- RND 0041278 Cue List Parameter Filters don't filter effects by parameter
- RND 0041256 Moving a Curve should update channels in patch that reference it
- RND 0041220 Disconnecting a client or gateway will stop a running background macro.
- RND 0041207 Show Control: Learning Events Should Not Disable Firing Events
- RND 0041171 In Show File Import and Export, provide an option called "Stamp"
- RND 0041160 Partition Zero Cue List Clears Manual Control
- RND 0041089 Spurious flurry of MIDI Raw "f0 7f 01 02 01 01 30 f7" when using Go to Cue Out
- RND 0041078 Fader Config: Manual Time master
- RND 0041073 Allow 3 decimal places in target numbers that allow decimals
- RND 0041048 Internal timecode events with time of 00:00:00.00 are fired on show open even if list is disabled
- RND 0041011 Effects: Stop and Hold: Stopping some but not all params in cue, doesn't stop effect
- RND 0040994 [cue X Time enter] is applying default cue intensity time to all category times
- RND 0040963 Recording delayed intensities in marked follow cue can incorrectly record 0 intensity
- RND 0040928 Roscolux 361 Gel missing from Color Picker
- RND 0040921 Recording new cue set channels outside of partition to 0 instead of tracking them
- RND 0040893 Changes to Subs With Effects
- RND 0040890 Add expand collapse button to last column of CIA parameter table
- RND 0040886 Add option to disable Element help message Prompts above command line
- RND 0040868 Record Targets in Blind Can Show Out-of-Range DMX Values in About Channel

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Issues Corrected in v2.6.0 [Continued]

- RND 0040867 Synced cuelists should refire current cue if it has follows that have not run
- RND 0040865 Parameters specified in a selective update are being ignored when recording the effects
- RND 0040825 Reverse ranges with groups: [Group 2 thru 1 + group 3] doesn't select group 1
- RND 0040807 Congo/Cobalt ASCII Import option "As Custom Fixtures" is broken
- RND 0040761 Blind Spreadsheet should show all parameters by default
- RND 0040722 DS: Custom Buttons Are cleared if you click on then While In Lock Out
- RND 0040718 Magic Sheets : Add SACN in widget
- RND 0040703 Add to Element Setup the DirSel Dbl Click Option
- RND 0040692 Reset to Eos Default in channel display's config, should unhide all parameters
- RND 0040684 Tab 36: All exclude flags on subs are shown as Ex:Record
- RND 0040630 Clients or Backups with local MIDI will send duplicate MIDI messages via macros
- RND 0040622 DS: Flexi Skip Empty Space Dividing Lines Don't Always Repaint Correctly
- RND 0040603 Use Shift + Label as a shortcut to get to Cue Notes
- RND 0040572 Macros mapped to Custom Direct Selects do not represent a color chicklet.
- RND 0040558 Cannot page PSD left/right when Scroll Lock is enabled
- RND 0040555 Add an option to the Macro editor to exclude execution of the associated macro from being learned by Time Code.
- RND 0040553 Add the ability to save logs from the main Eos app, without having to exit to the shell
- RND 0040535 Pixel Mapping - remove logic that suppresses pixel map preview mask and overlay once a zoom threshold is reached
- RND 0040533 Pixel Mapping - increase layer size and scaling range to achieve better coverage or large, rectangular pixel maps
- RND 0040531 EOS Handles RDM Addresses Incorrectly Above Universe 128
- RND 0040461 Lightwright Import: Include Gel as part of Import Text/Notes/Labels Only
- RND 0040419 [Update sub] to non-full sub is sometimes playing back full value
- RND 0040362 LTP subs with restore mode - minimum do not release parameter when they reach 0
- RND 0040333 [Record Cue Load] with subs load button posts subs number instead of doing nothing
- RND 0040330 NIPs and inhibitives of an active sub not moving properly after [sub X MoveTo Sub Y]
- RND 0040325 Add syntax [Chan 1 CopyTo Chan 2 From_Absolute] to copy chan 1's absolute value to chan 2
- RND 0040282 Query Cue Part Moves Only should select moves only in that part
- RND 0040279 [sub 1 out] Shielded Subs incorrectly releases and does not move fader
- RND 0040209 Show Control : Midi Notes : Fader Actions should respond to Velocity and CC to set fader levels
- RND 0040153 Virtual Keyboard: Switching Between Sym and Languages Always Jumps Back To The US Keyboard
- RND 0040119 About Channel > Moves should respect the data key.
- RND 0040116 Add to Effect About the presets the effect is stored to.
- RND 0040090 Print to PDF: Cue Lists cannot be assigned in the Advanced Dialogue
- RND 0039847 Allow users to delete LW mapped fixtures directly in the fixture favorites list
- RND 0039843 Add a row to "About Address" to show sACN input value.
- RND 0039817 Lowering the CIA can cause the master playback display ribbon not to display.
- RND 0039799 When the facepanel backlighting has been dimmed to zero, the color LEDs on the center panel should extinguish.
- RND 0039798 The backlit Macro buttons near the displays should be dark when there is no stored content to the mapped macro.
- RND 0039794 A Cue List in Solo Mode should be exempt from external show control triggers.
- RND 0039781 Congo/Cobalt ASCII Import: improvements for better showfile playback
- RND 0039719 Macro Editor Window loses changes to macro when pane is resized
- RND 0039675 Congo/Cobalt ASCII Import: make up/improve basic import concepts and algorithms
- RND 0039613 Classic Eos: First occurrence of Shift-Update disables external keyboard
- RND 0039562 Moving a cue list keeps the old list number's pending cue as the new list number's cue
- RND 0039561 Discrete Time 't' missing in collapsed Live Channel display
- RND 0039522 CSV export can create empty file if you don't select Levels Or Targets
- RND 0039521 Print to .pdf / cues should include the cue notes
- RND 0039426 Element - using softkeys, can get into state where Fader Pages is stuck above command line and can no longer input numbers or use arrows
- RND 0039421 Desk Settings: Down Arrow is missing from Brightness Settings and Face Panel Keypad
- RND 0039318 Using the Reset to Eos Defaults in Direct Selects Does not reset to 2 banks.
- RND 0039190 Element consoles in Client Mode are Mirror Mode Only but should allow interactive Client mode

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Issues Corrected in v2.6.0 [Continued]

- RND 0039124 About should indicate when NI's are being inhibited
- RND 0039063 DS: Custom Buttons: Add Support for Scene targets
- RND 0038962 Element: New Show: Patch 1 to 1 Softkey Doesn't Work, but clicking the CIA button does work
- RND 0038785 Add current value to Show control list display's sACN input events
- RND 0038529 Diagnostics display should not become the active tab when opened, similar to other control displays
- RND 0038513 Multiple Query conditions acting as OR instead of AND
- RND 0038341 Element : Enhancing Element Controls
- RND 0038234 Custom Fixtures Created from a Calibrated Fixture Will Always Do Color
- RND 0038164 Channel Patch Labels Do Not Support Unicode Symbols
- RND 0038154 Display [Learning] on all users when any user is Learning Time Code
- RND 0037876 Cannot move Snapshots tab with Tab+Right/Left arrow
- RND 0037838 About Usage doesn't fit on the screen or use available space to paint text
- RND 0037797 Magic Sheets - Command item ignores the plus character in macro mode
- RND 0037793 Eos Classic - Snapshots can get button modules stuck on screen and can't be cleared
- RND 0037690 PDF - some text can be cut off in printouts using different languages
- RND 0037629 LW fixture mapping should not persist through a deep clear.
- RND 0037572 hitting [Blind] should also display the PSD, if the PSD is on another monitor
- RND 0037555 With In Cell Disabled, you cannot click in a setup partition to select partition.
- RND 0037554 Scenes should be included in the PDF report
- RND 0037417 Channel x copy to y plus show does not add new channel into existing partitions where channel x was used.
- RND 0037400 Patch - cannot page up/down after changing fixture type
- RND 0037364 OSC - /eos/key/go is no longer firing cues.
- RND 0037232 Eos should allow the use of any sACN universe
- RND 0037200 Allow hiding Scene Breaks in PSD config menu.
- RND 0037164 Selection Bounces in Fixture Editor Table when Scrolling Off of the Right Side
- RND 0037139 On sub, [Off] should not rehome the non-master slider positions
- RND 0037134 Config/gear menu does not work if frame does not have focus
- RND 0037022 About – A channel that is not patched will not show its source in About.
- RND 0036324 Fader Config: Add Macro X as an option for custom fader buttons
- RND 0035399 CSV additions
- RND 0035098 ASCII Import: must prevent multiple channels patched to one Address
- RND 0034950 Add Spanish keyboard (1034)
- RND 0034582 Priority Marking
- RND 0033683 It should be possible to turn relays on and off via a macro.
- RND 0033655 Macro with [wait for enter] will ignore a [direct select] press
- RND 0033461 Add a button to open virtual keyboard within patch fixture search.
- RND 0033196 Channel Displays arrow page wrapping behavior
- RND 0033125 Displays : Live/Blind : "About +" Display Toggles
- RND 0033123 Show Data : Query Conditions
- RND 0033090 Snapshots: Selective Snapshot Interface
- RND 0032767 Implement csv Import
- RND 0032653 Bumped state of a submaster is not restored on application restart
- RND 0031176 OSC - add support for softkeys
- RND 0030497 About Cue display in CIA does not show string commands in the "External Links" column
- RND 0030085 Curve Editor: Entering levels as DMX values does not work
- RND 0029820 Can't fire MIDI Raw macros, that start with a clear command, from the backup.
- RND 0029698 About IFCB Palettes
- RND 0029430 Clicking in the PSD to edit a cue time will edit a different cue if the command line is focused on a different list
- RND 0029274 Partial Patch Merge/Open should only bring in the fixture profiles, media files and scrollers necessary to support the channels specified.
- RND 0029191 About Channel Usage: does not show the cue usage for Channels that have no patch information
- RND 0028358 Bumped inhibitive sub does not display a progress of 0 in fader ribbon.

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Issues Corrected in v2.6.0 [Continued]

- RND 0028168 Magic Sheets - Add an active cue and pending cue object.
 - RND 0028054 Setup : User Defined Monitors
 - RND 0027454 Add a Label column to the right of the target number in blind spreadsheet.
 - RND 0027099 Physical Direct Select Displays are not removed when Eos is started without physical direct selects
 - RND 0027034 Reset this Workspace or Reset All Monitors and Workspaces should reset tabs 1 and 2 to Eos defaults
 - RND 0026517 Add support for 3rd party MIDI over USB
 - RND 0025288 Channel About "Source" column should show part cue information if appropriate.
 - RND 0024021 Merge does not append a [*] to the show name
 - RND 0022590 When you patch to an address that is already in use, the confirmation should state which channel it is patched to
 - RND 0019150 PC Keyboard should have a drop-down box to select language
 - RND 0012898 Using Midi, Eos doesn't send Resume/Go command after a Stop/Pause for a cue list
 - RND 0011779 [Highlight Rem Dim] does not override intensities coming from Intensity Effects.
 - RND 0003520 Add Partition Control and Fader Configuration tiles to partial Show Load, Print and Clear Targets
 - RND 0002763 It is not possible to see the entire channel list in a step of a step based effect.
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Known Issues Remaining in v2.6.0

- RND 0039541 The master fader in the PSD fader ribbon doesn't display the filter icons
- RND 0038771 Fader Ribbon: Masters fader's downslider's progress is always displayed as 0
- RND 0036732 Displays: Eos Manual: Add Arrow Support for Navigation, Tweak Search
- RND 0032709 Encoder_Category_button page number is not macroable
- RND 0032257 Channels/addresses in use via a pixel map should respect patch attributes proportion and curve
- RND 0030257 Captured channels manual effects not recording into existing sub
- RND 0029871 When editing a scroll, the blank space to the right of the scroll bar can select a gel
- RND 0029865 Macro editor display is empty if it is displayed in too small of a window
Workaround: For both cases, closing the CIA works as expected.
- RND 0029823 2 pixmaps with the same server channel can output incorrectly.
- RND 0029769 Custom fixture editor giving error when editing mode ranges
- RND 0029752 Rate overrides less than 10 running too slow
- RND 0029193 [Magic Sheet 1 Copy To Magic Sheet] resets the command line, [Magic sheet 1 CopyTo 2] does not
- RND 0029155 Macro that turns on/off the internal SMPTE clock doesn't work in the show control display.
Workaround: Set the macro mode to Background.
- RND 0028654 When manually starting and stopping an effect, we should be using the entry/exit time to control the fade in and out.
- RND 0028367 Virtual Keyboard - Press and hold keys should latch them down until next press
- RND 0027991 Undo selection does not properly track to different devices of the same user.
- RND 0027983 Undoing manual values snap to prev level instead of using Manual time in setup
- RND 0027148 [Shift + Escape] to lock desk can't be learned into a macro
- RND 0027004 USB RFR does not work if you restart Eos on Windows 8.1
- RND 0026147 When shutter strobe is marking, intensity outputs nonzero value output strobe
Workaround: The user can either Disable automark on that cue, or put the shutter mode change in a follow cue.
- RND 0020943 Element – unable to change Sub pages via a Macro. Multikey press is not learned.
- RND 0016827 Snap Intensity Params are fading on timed HTP sub bump
- RND 0011798 Build Step effect with Stop/Hold exit, stops at off states, not on states

Compatibility

ACN


The software is compatible with all Net3™ products that meet or exceed ESTA ratified standard ANSI E1.17 2006 Architecture for Control Networks (ACN) and ANSI E1.31 Streaming ACN (sACN).

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ETCNet2 Network Compatibility


This release is compatible for the exchange of EDMX and/or configuration information with the following ETC hardware and software:

 **CAUTION:** *Eos ETCnomad (Mac and PC) and Puck do not support ETCNet2 protocol. See the [Incompatibility](#) section.*

- Eos® Family Lighting Control System - Version 1.0.0 and later software.
- Congo™ Family Lighting Control System - Version 4.0.0 and later software.
- Emphasis® Control System - Version 1.4.0 and later software.
- Obsession® II Control System - Version 5.1.x software.
- Network Configuration Editor (NCE) - Version 4.x.x and later software.
- Net3 Four Port Gateway (ETCNet2 mode) - Version 4.0.0 and later software.
- ETCNet2 DMX Node - Version 4.0.6 and later software.
- ETCNet2 Two Port Node - Version 4.1.4 and later software.
- Unison® - Version 1.9.x software.

Incompatibility

Eos v2.6.0 is incompatible with hardware and software running ETCNet2 software prior to those listed above.

 **CAUTION:** *Until your ETCNet2 nodes and Net3 gateways running in Net2 mode are updated to the versions listed below by NCE v4.2 or later, you must turn off/disable the (DHCP) Address Server in the Eos Configuration Utility (ECU). In the ECU: Settings>Network>Net3 Settings. Make sure "Enable Address Server" is unchecked.*

Software Versions that are compatible with DHCP servers:

ETCNet2 DMX Node (4.0.6)

ETCNet2 Two Port Node (v4.1.4)

ETCNet2 Video Node (v4.0.2)

Net3 Four Port Gateway (ETCNet2 mode v4.0.3 or later)

Eos v2.6.0 is incompatible with hardware and software running ETCNet1.

Eos ETCnomad (Mac and PC) and Puck are incompatible with hardware and software running ETCNet2 protocol.

Installation Instructions

For new Eos Family consoles, ETC has implemented a method to include the latest software installers directly on the console's hard drive when they initially ship from ETC. For future releases, you will need to download the Eos Family software from the ETC website, www.etcconnect.com.

 **Note:** *All processors on the Eos Family network must be running the same version of software. Therefore, you must also update all RVIs and RPUs when you update your console.*

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Installer Archive

To check to see if a newer version of Eos software is available on your console, navigate to **ECU>Settings>General>Software Update**.

When the software update window launches, it will show you the available Eos versions found.

If there is an available update and you wish to install it, follow the on screen steps for updating the console's software.

The Installer Archive can also be used to save multiple software versions onto your console's hard drive in case you wish to downgrade.

Software Installation

To update your console or offline software to the v2.6.0 release, you will need to download it from the ETC website, unzip the file, load it to a USB device, and then transfer it to your console from the USB port using the Eos Configuration Utility (a.k.a. Eos Shell).

To update your console to v2.6.0:

- 1: Download the software from the ETC website, www.etcconnect.com, on the appropriate product page.
- 2: Unzip the file.
- 3: Transfer the unzipped file to a USB memory device.
- 4: Insert the USB device containing the software into an available USB port on the console.
- 5: Open the Eos Configuration Utility (ECU - Also known as the Eos Shell) either by exiting the Eos Family software (**Browser>Exit**) or by starting up the console and clicking on the **{Launching in...}** button. The ECU screen will open.
- 6: Click on the **{Settings}** button. The settings window will open.
- 7: Click on the **{General}** button inside of the settings window. The general settings will appear in the window.
- 8: Scroll down in the window until the **{Software Update...}** button is visible. Click this button.
- 9: This scans the root directory of all available drives (USB drives) for valid installers.
- 10: When the "Update Software" dialog pops up, click on **ETC_EosFamily_Console_v2.6.0.9.0.103**, then click **{Install}**.
- 11: The software will copy to the hard drive before launching a standard Installshield application to direct you through the install.
- 12: Click **{Next}** to start the installation process.
- 13: Read and accept the terms of the license agreement and click **{Next}**.
- 14: A dialog box will open warning of losing show data if not saved to disk. Click **{Yes}** to continue. The console will install the software.
- 15: Click **{Finish}** to complete the installation process. The console will automatically reboot and then enter the ECU welcome screen.

ETCnomad (Client/Offline) Software

For system requirements and installation instructions for Windows and Mac clients, please see the ETCnomad Setup Guide.

ETC Release Note

Eos Family Software v2.6.0

Firmware Updates

The following table shows the current firmware versions. For information on updating firmware, please see the ECU appendix of your console's manual.



WARNING: A restart of the console is required for every module updated.



Note: *Single DMX port Gadgets and devices with IO cards that have a Phone Remote connection must use the **{Upgrade I/O Firmware}** button in the Maintenance tab of the ECU. Other IO cards and Gadget II can be updated using the firmware update window.*

ETC Release Note

Eos Family Software v2.6.0

Desk	Module	Current Firmware Version	Desk	Module	Current Firmware Version
Element			Ion RPU		
	Element Face Panel Board Firmware	1.1.90.Build 6 XPE / 1.2.90Build 7 for WES7*.		Eos RPU Front Panel	1.0
	FS I/O Board Firmware	1.4.2.9.0.5		FS I/O Board Firmware	1.4.2.9.0.5
	HS I/O Board Firmware	1.1.0.9.0.4		HS I/O Board Firmware	1.1.0.9.0.4
Eos			RPU3		
	Eos 1x5 Button Module	1.3		Ti 10x2 RPU Button Board Firmware	1.1.0.9.0.1 (1.1.9.1)
	Eos Encoder Rev A:	1.7		FS I/O Board Firmware	1.4.2.9.0.5
	Eos Keyboard Rev C:	1.1		HS I/O Board Firmware	1.1.0.9.0.4
	100mm Motorized Fader Rev D:	1.4 (or) 2.0	RV13		
Eos RPU				Ti 10x2 RPU Button Board Firmware	1.1.0.9.0.1 (1.1.9.1)
	Eos RPU Front Panel	1.0	Ti		
Gio				Fader Board Firmware	1.1.0.9.0.3 (1.1.9 build 3)
	Gio Fader Board Firmware	1.1.0.9.0.3 (1.1.9 build 3)		Face Panel Board Firmware	1.2.0.9.0.0 (1.2.9 build 0)
	Gio Face Panel Board Firmware	1.2.0.9.0.0 (1.2.9 build 0)		6x2 Button Board Firmware	1.1.0.9.0.1 (1.1.9 build 1)
	Gio 6x2 Button Board Firmware	1.1.0.9.0.1 (1.1.9 build 1)		Ti 6x1 Button Board Firmware	1.1.0.9.0.1 (1.1.9 build 1)
	FS I/O Board Firmware	1.4.2.9.0.5		FS I/O Board Firmware	1.4.2.9.0.5
	HS I/O Board Firmware	1.1.0.9.0.4		HS I/O Board Firmware	1.1.0.9.0.4
Ion			Eos Programming Wing		
	Ion Face Panel Revision F:	1.3		Eos Playback Firmware	1.0.1.9.0.6
	FS I/O Board Firmware	1.4.2.9.0.5		Face Panel Board Firmware	1.2.0.9.0.0 (1.2.9 build 0)
	HS I/O Board Firmware	1.1.0.9.0.4		HS I/O Board Firmware	1.1.0.9.0.4

ETC Release Note

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Eos Motor Fader Wing 10/20			Gio @ 5		
	Display HS Universal Firmware	1.0.4.9.0.21		Eos Fader Wing Firmware	1.0.4.9.0.21
RVI				Gio @5 Motor Fader Firmware	1.0.0.9.0.4
	Eos RPU Front Panel	1.0		Intelligent Power Board Firmware	1.0.0.9.0.4
				HS 6x2 Button Board Firmware	1.0.0.9.0.4
				HS Face Panel Board Firmware	1.0.0.9.0.4
				HS I/O Board Firmware	1.1.0.9.0.4



Note: **For Elements that have Windows 7 installed but do not have firmware v1.2.90 or higher, please contact ETC Technical Services.*

Local RDM Firmware Update

New firmware is required for expanded functionality.

- Gadget -1.4.2.9.0.5
- IO Card -1.4.2.9.0.5

The new firmware is required for the use of Local RDM on any platform, and required for individual configuration of multiple IO devices on any platform.

Firmware can be updated from a console or PCs running Win7/8.1. Mac OS does not currently support firmware updates.

Dual NIC Update

This feature allows the console to be connected to two separate networks. Dual NIC is available on Eos Ti, Gio, and RPU3. For the second NIC to work fully, you must also install the ETC GCE Net3Svc v3.1 or higher. GCE is available for download from the ETC website (www.etcconnect.com). The new hardware for Ion, Element, Net3 RVI, and Ion RPU also include the dual NIC feature, but ship with GCE already installed.

Example applications:

- Support 2 separate Net3 Gateways, networks or sACN devices
- Support 2 separate networks (e.g., one sACN, one Artnet, or one sACN and one Network Attached Server)
- One network for 'output' devices (sACN, EDMX, Artnet...) and one network for controls and interfaces (Consoles, RPUs, Show control)
- One combined network and one limited traffic for wireless devices



Note: *The two Ethernet ports must be configured to separate networks (subnets). For proper operation, the two ports must NOT be connected to the same physical network.*

ETC Release Note

Eos Family Software v2.6.0

To enable the second network port

To configure the second Ethernet port on your console to match factory defaults, follow the instructions below. Otherwise, you may configure the second port to match your system requirements.

- 1: Open the Eos Configuration Utility (ECU - Also known as the Eos Shell) either by exiting the Eos Family software (**Browser>Exit**) or by starting up the console and clicking on the **{Launching in...}** button. The ECU screen will open.
- 2: Click on the **{Network}** button. The network window will open.
- 3: Set the IP address for port 2.
- 4: IP Address - 192.168.xxx.101
- 5: Subnet Mask - 255.255.0.0
- 6: Enable DHCP Service for Port 2.
- 7: Click **{Accept}**. A reboot of the desk is required.

Software Components

Eos Family Lighting Control Software Components

Eos Family Console Main Application	2.6.0.9.0.103
ECU	2.6.0.9.0.15
XPe (Eos)	2.2.0.9.0.3
XPe (Eos with 2400 video card)	2.3.0.9.0.5
XPe (Eos RPU)	2.2.0.9.0.3
XPe (Eos RPU with 2270 video card)	2.3.0.9.0.2
XPe (Eos RPU w BCM motherboard)	2.4.0.9.0.4
XPe (Ion)	2.2.0.9.0.3
XPe (Ion with BCM motherboard)	2.3.0.9.0.3
XPe (Ion RPU)	2.2.0.9.0.3
XPe (Ion RPU with 2270 video card)	2.3.0.9.0.2
XPe (Ion RPU w BCM motherboard)	2.4.0.9.0.2
XPe (Element)	2.2.0.9.0.3
XPe (RVI)	2.5.0.9.0.1
XPe (RVI with 2270 video card)	2.5.0.9.0.1
XPe (RVI w BCM motherboard)	2.5.0.9.0.1
Wes7 (Gio)	3.0.0.9.0.20
Wes7 (Gio UCB)	4.0.0.9.0.3
Wes7 (Gio @ 5)	1.0.0.9.0.1
Wes7 (Eos Ti)	1.0.0.9.0.10
Wes7 (Eos Ti UCB)	2.0.0.9.0.3
Wes7 (RPU3)	3.0.0.9.0.20
Wes7 (RPU3_Q87)	4.0.0.9.0.1
RPU3_Q87 BIOS	R1.1 (V00XTM11)
Wes7 (RVI3)	3.0.0.9.0.20
Wes7 (RVI3_Q87)	4.0.0.9.0.1
RVI3_Q87 BIOS	R1.1 (V00XTM11)
Wes7 (Aaeon Element)	7.0.0.9.0.2
Wes7 (Aaeon Ion)	7.0.0.9.0.1
Wes7 (Aaeon Ion RPU)	7.0.0.9.0.1
Wes7 (Aaeon RVI)	7.0.0.9.0.1
Wes7 (Puck)	1.0.0.9.0.1
Wes7 (Puck2)	2.0.0.9.0.1
ACN Libraries	2.0.0.9.0.15
ETCNet2	4.0.19.9.0.1
Network Common	2.0.0.9.0.12
Fixture Library	2.6.0.9.0.38