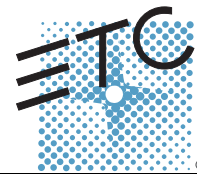


ETC® Release Note

Element™ Lighting Control Software



Product Line:

Element Lighting Control Console

Description:

Version 1.6.0 software

Element Lighting Control Console Software Components

Element Console Main Application	1.6.0.9.0.37
ECU	1.6.0.9.0.7
XPe (Element)	2.0.0.9.0.2
ACN Libraries	1.3.0.9.0.4
ETCNet2	4.0.17.9.0.1
AppMux	4.0.7.9.0.0
Network Common	1.3.0.9.0.2
Network IPCFG	1.3.0.9.0.2
Carallon Library	5.0.0.9.3.1

Engineering Change Master (ECM):

500005744

Effective Date:

2009-07-09

Purpose

This is the initial software release for the Element Lighting Control Console.

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 to 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.

It is recommended that you check the ETC website for the most up-to-date software (both for your console and offline software) to accompany this release.

Documentation

The current documentation for Element is the Element v1.6 User Manual Revision A. Please keep this release note with your user manual for descriptions of the newest features, changes and bug fixes in Element. 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™ v6.x and later.

Compatibility

ACN

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

ETCNet2 Network Compatibility

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

- **Eos®/Ion™ Lighting Control System** - Version 1.0.0 and later software.
- **Congo™/Congo jr** - Version 4.0.0 and later software.



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Web: www.etcconnect.com ■ OSF 4.1.9.1 ■ Copyright © 2009 ETC. All Rights Reserved. ■ Product information and specifications subject to change.
■ 4330M1100-1.6.0 ■ Rev A ■ Released 2009-07 ■ ETC intends this document to be provided in its entirety.

ETC Release Note:

Element Software v1.6.0

- **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
- **Net3 Show Control Gateway** - Version 1.0.0 and later software
- **Net3 I/O Gateway** - Version 1.0.0 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

Element v1.6 show files are not compatible with Eos/lon v1.4.5 and earlier consoles. If you need an Element show file to be loaded on an Eos/lon console, please contact ETC support. This will be resolved in a future release of software.

Element v1.6.0 will not function on Eos/lon consoles.

Element v1.6.0 is incompatible with hardware and software running ETCNet2 software prior to those listed above.



CAUTION:

Until your ETCNet2 nodes and Net3 gateways are updated to the versions listed below by NCE v4.2 or later, you must turn off/disable the (DHCP) Address Server in the Element 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)

Element v1.6.0 is incompatible with hardware and software running ETCNet1.

Key Enhancements in v1.6.0

- Support for the Element console.
- New show file format

Installation Instructions

New Element consoles will ship with the current version of software loaded and you do not need to update the software in the console to begin using it.

If at a later date you need to update the software, the release notes of the future version of software will provide installation instructions.

Issues Corrected in v1.6.0

Initial Software Release

Known Issues Remaining in v1.6.0

- 5123 Channel Table parameter configuration lost, when address changed in patch
- 5010 Address Checking across parked addresses is un-parking those addresses.
- 5003 Switching formats from Chan view to Table view doesn't always show the selected channels.
- 4833 CopyTo in Live always sets color to CMY format
- 4763 [Cue Intensity Block] only blocks master intensity for multiple intensity devices
- 4669 [Clear] [Enter] should not un own captured channels
- 4619 Setting level in blind doesn't remove effect

Known Issues Remaining in v1.6.0 [Continued]

- 4488 Stop/Back not changing effect attributes (rate, size, etc)
- 4266 Effect [Grouping] doesn't work with non-default [Trail]
- 4102 Submaster HTPing with Captured manual level
- 3823 Cue delay time does not apply to an effect
- 3727 Moving a single part of a part cue to a whole cue is incorrect
- 3329 When an address conflict occurs within different parts of the same channel, a confirmation is not required.
- 3275 Selecting an address that is in a range that a fixture is already using does not assign the whole range to a channel
- 2590 Blocking a cue stops effects that were tracking into it
- 1996 [Select Active] is not grabbing active channels within a single part.