ETC Release Note
Net3 Concert Software

Product Line: Net3 Concert
Description: Version 3.1.0 Software

Engineering Change Order (ECO): 500019832
Effective Date: 2018-10-04

Purpose
The Concert v3.1.0 software release provides significantly enhanced application loading times, fast RDM detection, stability enhancements and other minor fixes.

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
This software is available from the ETC website etcconnect.com.

Documentation
Current documentation for this software release is embedded within the software application in the form of a software online help system. It can be accessed from the Help menu.

Please keep this release note with your other ETC documentation for descriptions of the newest features, changes and bug fixes in the Net3 Concert software. ETC manuals can be downloaded free of charge from ETC’s website at etcconnect.com. They are available in portable document format (pdf), and viewable with Adobe® Acrobat® Reader™ v8.x and later.

Device Packages
This software release does not include updated or new device packages.
Compatibility

This software release is compatible with the following ETC hardware and firmware:
- One, Two and Four Port DMX/RDM Gateways, version 1.0 or later firmware
- One Port Legacy DMX Gateway, version 4.3.2 or later firmware
- Sensor®3 version 1.2.2 or later firmware
- Echo Relay Panel (ERP, ERP-FT), SensorIQ and EchoDIN, version 3.0.0 or later Power Control Processor firmware
- Eos Family and Cobalt consoles (detection only - no configuration)
- Unison Paradigm® version 2.0 or later software
- Net3 Conductor version 1.1.0 and later firmware
- Sensor+ version 3.1 and later firmware
- I/O Gateways version 1.0.5 or later firmware
- Show Control Gateways version 1.0.5 or later firmware
- RFR Base Station version 2.07 or later firmware
- RDM compatible devices (ESTA/ANSI E1.20)
- Response MIDI Gateway
- The “Unreachable Devices” software feature supports interaction with DMX/RDM gateways version 5.1.0 and higher and the Response MIDI Gateway v1.0.0 and higher.

Incompatibility

Concert v3.1.0 software is incompatible with devices not listed and device firmware that are earlier than the listed compatible products above. Any remaining functions will be addressed in future versions of Concert.

Key Enhancements in v3.1.0
- Enhanced application loading times
- New Fast RDM Discovery feature
- Additional bug fixes and optimization

Key Enhancements in v3.0.0
- Redesigned Welcome page, tab operation and new Concert logo
- Eos and Cobalt console device detection
- Echo Relay Panel (ERP, ERP-FT), SensorIQ and EchoDIN device configuration
- Redesigned Device Operations for supported ETC fixtures
- Additional bug fixes and optimization

Key Enhancements in v2.0.3
- No notable enhancements

Key Enhancements in v2.0.2
- Support for RDM Queued messages via Gadget to support ColorSource Wireless Relays
- Corrects an issue where device packages could not be loaded on Windows XP or XP Embedded

Key Enhancements in v2.0.1
- No notable enhancements
Key Enhancements in v2.0.0
  • New, more uniform icon design
  • Major performance improvements to the underlying network engine
  • Progress bars per device in Workspace when configurations are sent or received
  • Ability to sort and search lists of discovered devices or items in the Spreadsheet view
  • Ability to edit, lock, align, and distribute graphical items in the Workspace view
  • Ability to archive and restore CEM3 system configuration

Key Enhancements in v1.1.2
  • No notable enhancements

Key Enhancements in v1.1.1
  • No notable enhancements

Key Enhancements in v1.1.0
  • Unreachable Devices wizard

Key Enhancements in v1.0.9
  • Changed default device library version of CEM3 to v1.5.1

Key Enhancements in v1.0.8
  • Add new 6.0.1 software for ETC’s DMX/RDM gateways

Key Enhancements in v1.0.7
  • Support for ETC’s One Port DMX/RDM Gateway
  • CEM3 v1.5.1 software

Key Enhancements in v1.0.4
  • Support for CEM3 v1.5 software
  • Support for FDX3000

Key Enhancements in v1.0.3
  • No notable enhancements

Key Enhancements in v1.0.2
  • Initial release
Software Installation Instructions

Net3 Concert software may be installed on a PC that complies with the following minimum requirements by running the application installer.

**Minimum Personal Computer Requirements**

- Windows 7/8/10 (any full version)
- 2GHz processor (dual or quad core recommended)
- 1GB RAM (2GB or more recommended)
- Video Card capable or 1024 x 768 resolution (1280 x 1024 or higher recommended)
- Support for OpenGL
- Ethernet Port
- Keyboard, mouse and monitor, USB port (to use Gadget for RDM device configuration)

**Issues Corrected in 3.1.0**

CONCERT-44713 Issues with copying and pasting of DALI Gateway and Foundry devices
CONCERT-47666 Some RDM properties can cause device to go out of sync
CONCERT-47640 Certain sensor modules have incorrect available firing modes
CONCERT-47630 Out of sync field does not always appear in tooltip
CONCERT-47569 Not selecting a network card and closing the dialogue leads to an error
CONCERT-47568 Closing Concert during Add All Devices causes crash
CONCERT-47553 Gateways online offline status can fluctuate

**Issues Corrected in 3.0.0**

RND 0040972 Previously selected Device not deselected when selecting Filtered Device in Spreadsheet
RND 0038255 CEM+ to CEM3 Import - Problems with Unregulated Dimmers
RND 0028688 CEM+ Phase Colors display incorrectly at 240V
RND 0027941 Property Editor indentations not maintained between selections
RND 0026535 RDM: Editor does not clearly indicate devices which don't support RDM slot descriptions
RND 0025929 Gateways: Complex multi-port AIP may not send correctly
RND 0025276 When two fields contain the exact same name Concert may crash
RND 0025254 Workspace tooltips sometimes don’t appear
RND 0025200 No tooltip present for PCCS when error indicator is present
RND 0025184 When CEM errors are cleared and immediately repost (ie No DMX errors) The error icon state never changes in Concert
RND 0024752 P-CCS secondary NIC properties do not display in property editor
RND 0024094 Gateway Editor (Input Port) - Maximum Absolute Address value cannot be entered if Length value is 512
RND 0024074 CEM Dimmer EditorEdit Dimmers - AF Sensitivity does not set value
RND 0024068 CEM Dimmer Editor - DMX A/B + DD do not loop back to 1 after reaching 512
RND 0023690 CEM+ Rack Properties dialog - Priority can be set to an invalid value of 0
RND 0021853 Dimmer Doubling preferences are not honored in the Edit Dimmer Properties dialog for CEM
RND 0021849 Some CEM rack types appear as the wrong voltage
RND 0018489 widgets that are undocked can only be redocked over another widget
RND 0018229 Groups higher than 64 can be entered for CEM+ group number
RND 0017001 Not all functions that require an Ethernet connection are shown as disabled when a valid network connection is lost.
RND 0015344 Sensor+ racks cannot be moved form one group to another after being created.
RND 0015236 The user is not informed when sent changes will result in a reboot (for example changing IP of a Net3 Gateway)

**Issues Corrected in 2.0.3**

RND 0042970 Devices dropped into the workspace from the Discovered Devices table reports duplicates
RND 0042852 CEM3 Synchronization was incorrect due to tracking properties
RND 0042851 CEM3 default config did not match controller defaults for tracking rack
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Issues Corrected in 2.0.3

RND 0042700 Loading a configuration before devices are fully discovered may cause linking issues
**Workaround:** Wait for devices to be discovered before loading configuration

RND 0042507 After software upgrade, some devices (Gateways or CEM3s) may not sync

RND 0042366 After software upgrade, some gateways/CEM3s may receive incorrect/duplicate properties

Issues Corrected in 2.0.2

No reported issues.

Issues Corrected in 2.0.1

RND 0038024 Opening a Concert configuration directly from a zip file or set to read-only results in not being able to open configurations
**Workaround:** Delete the tmp.tar file located in \Users\[yourname]\AppData\Local\Temp\Net3 Concert

RND 0037980 Net3 DMX Gateways Port Configuration Editor - Dimmer Doubling enable/disable button is missing
**Workaround:** Use the Property Editor to set DD values to enable/disable

RND 0037866 Sensor3 devices may show defaults after importing or loading a config

RND 0037822 When adding CEM3 racks from the device library, initial numbering was sometimes not applied correctly

RND 0037722 Saved CEM3 files from v1.1.2 can not be reliably loaded into Concert 2.0.0+

Issues Corrected in 2.0.0

RND 0031869 CEM3: EDxxAFRF modules are single density

RND 0031541 FDX: Module types not handled correctly by XML Export

RND 0028314 CEM+: - Saving a configuration containing ESR36 results in ESP36 being saved

RND 0027956 It is possible to manually link a CEM rack in Concert to the wrong physical rack

RND 0027921 Live Edit actions can take longer than expected and may show out of sync state while updating

RND 0027267 CEM3 Load Reporting - Recorded Loads do not display properly

RND 0027242 CEM3: Some common characters are not allowed for rack name

RND 0026939 Concert does not clear RDM queue after device disconnected

RND 0026839 Using characters not supported in English language can cause the application to crash

RND 0026709 CEM3: No way to properly configure FDX3000 racks

RND 0026234 RDM: Devices which have a DMX footprint of zero are not handled correctly

RND 0026156 Deleting all devices in a large configuration may cause a crash

RND 0026160 Occasionally RDM devices stay in Pending state

RND 0025875 Conductor: 12/24 Hour clock setting not retained when Web UI opened

RND 0025778 Concert can stop logging properly during startup

RND 0025611 Network Map - Discovery popup progress bar is choppy/stalls

RND 0025592 Configurations for large systems load slowly

RND 0025591 Workspace can respond slowly when connected to large systems

RND 0025584 Cannot easily find RDM device in identify mode on the plan

RND 0025244 Sensor3 racks should not show Sinewave racks

RND 0024684 RDM discovery with Gadget sometimes requires unplug and replug of USB cable to begin discovery after launching Concert Software

RND 0024436 Paradigm ACP running 2.0.x software always reports as 2.0.0

RND 0024427 City Theatrical "Show Baby" RDM device toggles online/offline

RND 0024154 Mini editor and world model are not "read only" when device status is pending with no default values

RND 0024092 Gateway Editor - Dimmer Doubled Universe (Address) value can exceed limits

RND 0023828 Systems with large numbers of devices may result in slower response

RND 0023118 Log Reporting sorts Time column incorrectly (no AM/PM)

RND 0023065 2-port gateways will not support updates from a secondary application if Live Edit is enabled in Concert.

RND 0022846 After software update, some devices running updated software appear as discovered devices, with the old device still in the plan shown as offline

RND 0021341 CEM+ add rack dialog does not respect rack type selection for an existing group

RND 0020228 Assigning a blank name to an RDM device may result in the device no longer responding with Concert
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**Issues Corrected in 2.0.0**

RND 0029735 All 140v, ESR36, ESP36, and Tracking are shown as ESP6 in the rack properties dialog

**Issues Corrected in 1.1.2**

RND 0082808 Concert crashes when launched from Cobalt consoles running 7.2 software.

**Issues Corrected in 1.1.1**

RND 0028082 SLP should be run automatically on consoles (including ETCnomad Puck).

**Issues Corrected in 1.1.0**

RND 0029936 Adding a 2/4 Port DMX GW (v1.0.0 or 2.0.0) to the workspace causes crash
RND 0028222 FDX: Rack that has less than 96 modules will incorrectly display “Duplicate Circuits”
  *Workaround:* Close dimmer editor window and press “Apply” - changes will be applied.
RND 0028161 Log viewer causes crash with very large sets of logs
RND 0027666 CEM3: Add Balanced single phase mode to Renumber dialog
RND 0027548 CEM3: Lug Name containing a ‘space’ at the end results in invalid configuration
RND 0027242 CEM3: Some common characters are not allowed for rack name
RND 0027086 CEM3: Renumbering Editor does not correctly renumber the rack
RND 0025440 Gateway - LCD backlight mode not supported
  *Workaround:* Fixed as part of RND 0028269, 0027404 and 0027403 (DMX, Show Control, I/O gateways). For the ETC DMX/RDM 1-Port (E8BE5...) device package: Removed ‘User Interface’ section (which contains the Backlight property) from the add() function in info.mlu.
RND 0022771 CEM3 Dimmer Editor allows MAX sale voltage to be set lower than Min scale voltage
RND 0022675 CEM3 Dimmer Editor - Character limit is 31, should be 32 (spreadsheet and Renumbering)

**Known Issues Remaining in 3.1.0**

CONCERT-47579 Attempting a large ‘paste’ operation in Concert causes crash.
CONCERT-46900 Transparent PNG images are not supported for Background Image
CONCERT-46562 Files may not download when viewing product web interfaces
  *Workaround:* Use the Open In Default Web Browser option to download the files in your preferred web browser
CONCERT-46102 Concert cannot discover RDM devices with an ID with the lower bytes all zero
CONCERT-44209 Changing CEM+ properties outside of concert does not always update sync status within concert
  *Workaround:* Retrieve Configuration from device to re-sync
CONCERT-44206 Automatic linking of CEM+ to config may not work
CONCERT-41489 Zoom to Extents doesn’t respect deleted/moved items
CONCERT-41044 RDM devices which reply with ACK_TIMER cause editor progress bar to remain at 99%
  *Workaround:* The editor is still functional and changes can still be made
CONCERT-38601 Replacing both controllers in a FDX rack will cause it to show up as a new device
CONCERT-38142 Concert does not display a warning when importing CEM3 config files that are incomplete
CONCERT-37266 Device notes are not displayed if multiple devices were selected and the user then selects a single device
  *Workaround:* Clear the group selection before selecting the single device.
CONCERT-37039 Changing Streaming ACN display format does not change the display until the program is restarted
  *Workaround:* Restart Concert
CONCERT-36408 Saved configuration values weren’t being synced back to the device when linking to a network device (Using a pre2.0.0 config)
CONCERT-31334 Backlight On/Off always acts as if in Live Edit for IO and Show Control Gateways
CONCERT-26456 RDM: DMX start addresses for Jands HPC Airgap subdevices should be read-only
CONCERT-26299 RDM devices which don’t support model descriptions do not show a model number in the minieditor
CONCERT-25687 Gateways: Concert incorrectly allows the same universe for Start Address and Dimmer Doubled start address
Known Issues Remaining in 3.1.0

**Workaround:** Do not enter the same universe for both Start Address and DD Start Address

CONCERT-25610 RDM Device Editor does not show Sensor indicator/value is sensor tab is selected prior to retrieving data

**Workaround:** Close dialog and reopen.

CONCERT-24664 RDM identify command does not work with multiple RDM device selected

CONCERT-24371 Data is not validated as acceptable before being uploaded to a device

CONCERT-24101 CEM3 import for XML may not work if data is in the incorrect order

CONCERT-24085 CEM Dimmer Editor Setup Port B Output does not enable after setting in editor

CONCERT-24070 CEM3 Dimmer Editor - Multiselected sACN/sACN DD values appear as ‘0/0’ instead of ‘blank’

CONCERT-24048 using sort for CEM3 circuit number results in inconsistent results when circuits have ‘-‘ as number

CONCERT-23655 RDM subdevices do not appear as a portion of the host device

CONCERT-23532 Selected devices of the same type with different software versions do not show common properties in the editor

CONCERT-23449 Devices with a LinkLocal IP address do not appear in Concert

CONCERT-23303 Deleting a CEM+ removes all group errors from ErrorWidget

**Workaround:** Drop some other device into the workspace. This will cause a re-query of the database and refill the ErrorWidget table.

CONCERT-23298 Deleting a CEM+ can cause problems with remaining racks in a group

**Workaround:** Never delete a CEM+ if there’s another one in the same group, or delete them all and add back the ones you really want.

CONCERT-22997 Reloading a config w/ v2.0 gateway may leave the gateways in “pending sync”

CONCERT-22671 CEM Dimmer Editor - Lug renumbering does not follow selection order

CONCERT-22665 CEM3 Dimmer Editor - sACN/sACN DD spinbox does not “fill” cell for multiple lug modules

CONCERT-22524 CEM3 Editor: Table selection is not uniform based on the order in which rows were selected

CONCERT-21951 RDM Device Editor can display incorrect sACN Universe when Dimmer Doubling is being used

CONCERT-21340 CEM+ Add Rack dialog does not warn user when changing voltage for existing group

CONCERT-20118 Simultaneously running Concert and GCE will result in system lag

**Workaround:** Do not run Concert at the same time as GCE

CONCERT-19605 Loading a saved configuration may not return to the previous view

CONCERT-16615 Order of displayed stacked widgets changes upon restart of Concert

**Workaround:** Don’t stack Discovered Devices and Device Library together or Select the Device Library tab upon reopening Concert

CONCERT-14130 Editing of CEM+ Sinewave Racks not fully supported