Product Line: Net3 Concert
Description: Version 4.0.2 Software

Effective Date: 2019-06-27

Purpose

The Concert v4.0.2 software release adds support for the new Response Mk2 Gateways.

Note: Concert versions 4.0.0 and higher require Windows 7 or later. Windows XP is no longer supported.

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 includes the following new or updated device packages:

- Response Mk2 One-Port Gateway
- Response Mk2 Two-Port Gateway
- Response Mk2 Four-Port Gateway
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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
- Response Mk2 One, Two and Four-Port Gateways, v1.1.1 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
- Echo Expansion Bridge (EEB), version 3.0.2
- 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
- ArcSystem RDM devices
- 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 v4.0.2 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 v4.0.2

Support for Response Mk2 Gateways

Key Enhancements in v4.0.1

- Performance enhancements and bug fixes
- Support for Echo Expansion Bridge and EchoAccess
- Support for ArcSystem RDM devices

Key Enhancements in v4.0.0

- Spreadsheet column configuration
- Changed parameter values in Spreadsheet and Property Editor are now easily identifiable (Note that this feature is limited for CEM+)

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
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- 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
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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 4.0.2
No issues reported

Issues Corrected in 4.0.1
CONCERT-48148 CEM3 ODS export file can result in an ODS file that cannot be edited
CONCERT-48147 ERP: Reading a config with invalid values may crash Concert
CONCERT-48105 Text Tool: default Font shows as Unknown
CONCERT-48096 Concert may crash when loading a large configuration file
CONCERT-48083 Properties become un-editable when Spreadsheet Search is used
CONCERT-48079 Concert crashed when editing Name of Device while browser filter is active
CONCERT-48060 sACN highlight tooltip shows old address when address is changed back to the network address but the universe is different
CONCERT-48057 Discovered Device not present after save
CONCERT-48050 Add all devices while many devices are selected is slow
CONCERT-48031 Scrolling within spreadsheet categories may be slow or choppy in a large system
CONCERT-48024 CEM3 Editor: Selection becomes slow/sluggish in a large system
CONCERT-48023 Spreadsheet Scrolling may become choppy or unresponsive in a large system
CONCERT-48016 Web Tabs may crash on devices that don’t have video drivers supporting OpenGL 2.0 or better

Issues Corrected in 4.0.0
CONCERT-47836 Editing a sACN Address while the column sorted by sACN Address causes wrong data to entered
CONCERT-24664 RDM identify command does not work with multiple RDM device selected

Issues Corrected in 3.1.0
CONCERT-47613 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
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Issues Corrected in 3.0.0

- RND 0049722: 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 0024904: Gateway Editor (Input Port) - Maximum Absolute Address value cannot be entered if Length value is 512
- RND 0024074: CEM Dimmer Editor - Edit 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 from 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)

Known Issues Remaining in 4.0.2

- CONCERT-48198: Response Mk2 Gateways may show out of sync after linking
  Workaround: Retrieve device configuration for affected units
- CONCERT-48149: CEM3: Exporting ODS does not give an error if there was a problem writing the file.
- CONCERT-48147: ERP: Reading a config with invalid values may crash Concert
- CONCERT-48095: Spreadsheet view: adding devices with filter active shows incorrect count of devices in header
- CONCERT-48072: Deleting devices immediately after they are added may be slow
- CONCERT-48058: Adding devices to a large config may be slow
- CONCERT-47972: Scrolling with keyboard may hang when moving from first to last item in the Property Inspector
- CONCERT-47966: Gateway will not highlight changes to IP Address after IP Mode change
- CONCERT-47930: Gateway Names (and likely other strings) do not properly validate string length when containing UTF-8 characters
- CONCERT-47925: Spreadsheet: Cell Edit mode Checkbox Properties are not always True/False
  Workaround: Click to edit cell instead of using tab to navigate
- CONCERT-47909: Analog I/O shows as out of sync after loading from a config file
- CONCERT-47907: Spreadsheet: Search cannot find devices using end of IP address
- CONCERT-47888: Spreadsheet: Resizing a column header by double-clicking may leave trailing whitespace
- CONCERT-47887: CEM3: Airflow modules can incorrectly have properties edited as part of a multiselection
- CONCERT-47842: CEM3: Editing User Data does not result in Out of Sync state
- CONCERT-47825: CEM3: disabling ports or FTP causes CEM3 to stay out of sync
  Workaround: Restarting Concert the cem3 will show as in sync with the changed property as expected.
- CONCERT-47800: Disabling/Re-enabling NIC leaves devices in an Offline state
  Workaround: Close and reopen Concert with NICs appropriately enabled
- CONCERT-47799: Log Report may crash when a very large amount of log data is returned from a query
- CONCERT-47797: Concert Network Access Window missing scroll bars
  Workaround: Resize the window to access all data

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**Known Issues Remaining in 4.0.2**

- **CONCERT-47757**  CEM3: ODS Import does not properly handle non-Latin characters
- **CONCERT-47705**  Graphical View: Number of gridlines varies with zoom
- **CONCERT-47679**  Attempting a large ‘paste’ operation in Concert causes crash.
- **CONCERT-47634**  CEM3: Dimmer Editor allows user to change Control Mode for Modules where this should not be editable
- **CONCERT-47631**  CEM3: Load monitor reports invalid values for non-AF circuits
- **CONCERT-47605**  Drawing: Text tool may show font as Unknown
- **CONCERT-47600**  Ampersand (&) Symbols will not be shown when used in logical system names
  
  **Workaround:** Don't use ampersand characters in Logical System names
- **CONCERT-47599**  Drawing: Ellipse Tool property editor does not maintain fill pattern
- **CONCERT-47536**  CEM3: ED25RS and ED25RE modules are not properly supported
- **CONCERT-47348**  A CEM+ that is not configured will cause Concert to crash when attempting to view one of the mini editors.
- **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-46188**  Windows Display Scaling (high DPI) makes the Spreadsheet Search box squished and short
- **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-41044**  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 minimizeditor
- **CONCERT-25687**  Gateways: Concert incorrectly allows the same universe for Start Address and Dimmer Doubled start address
  
  **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-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”
Known Issues Remaining in 4.0.2

CONCERT-22671 CEM3 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