ControlSpace® Designer™ software 5.5.1

July 11, 2019

Revision: 1.0

General

This release of ControlSpace Designer and firmware fixes various issues including:

General Issues

1. Designs with endpoints and CC-64 caused CC-64 communications issues.

Firmware

Firmware included in this release:

	FW	Dante FW	Notes
EX-12AEC, EX-440C, EX-1280/C	1.930	2.0.0	
EX-UH	1.002	1.0.7	
EX-4ML	1.000	1.0.4	
EX-8ML	1.000	2.0.0	
Fixed IO ESP	3.120	2.0.0	With DNC-R32
ESP-00	4.640	2.0.0	With DNC-E
PowerMatch	3.320	2.0.0	With DNC-P
PowerShare	1.160	1.0.3	
CC-64	1.120		
CC-1D/2D/3D	0.826		
EP22D/40D, WP22B/BU		4.1.0	
MSA12X	1.039	1.0.0	

New (this release)

No change from previous release

CSR

Version 2.6 Builder and app are required.

Known Issues, Defects and Limitations
The following are the known issues and defects with this release. Information included here can be useful when troubleshooting issues with software or hardware operation.

General Issues

1. Duplicating objects can crash CSD and/or corrupt design file
2. Modules that have been created by the "Duplicate" command will be shown in reverse order.
3. When uploading a design file to an EX-1280C, if there is Audio applied to a Meter above its threshold before the upload, the Logic for that Channel will not trigger. The audio must be dropped below the threshold and then back to its original level.
4. Muting Grouped Dante Modules while online with CSD does not work correctly.
5. CSD does not allow grouping of more than 32 single channel Dante Output channels. Attempting to upload with this programming will result in an error.
6. If a USB Input Module is not wired to an Output Module, that Module will not show Metering data.
7. For the Variable Equalizer Module, the value for Q/BW will always display the "Q" value, not the BW value.
8. If an Acoustic Echo Cancelling Module is deleted from CSD, adding a new AEC Module will retain the settings of the deleted Module, rather than setting to default values.
9. There are some issues deleting objects from the CC-16 Smart Simulator.
10. If connecting a PC directly to an EX-1280C, if the network cable is disconnected while CSD is running, the device will not be recognized, and CSD will need to be restarted.
11. Having 30+ PowerMatch amplifiers with digital I/O cards in one project may corrupt design file.
12. PowerShare outputs cannot be added to CC-16 and CC-64. Groups can be used as a workaround.
13. The Dial Key and Make Call (PSTN/VoIP) command value (e.g. MA"VoIP In 1">1="0"<CR>) needs to be entered without the quote (MA"VoIP In 1">1=0<CR>)
14. If serial output strings are assigned to a Parameter Set and you then load a preset serial list, it will overwrite the string in the Parameter Sets.

CSD I/O Issues
1. When CSD flags a Project Address mismatch it will show the "should be" address incorrectly.
2. Logic Module "Parameter Set Recall" cannot be changed to a value higher than 16 with the Context Menu item "Change Channel Count".
3. USB Output Logic does not function when using Logic Routes across multiple devices.
4. It has been observed that some files do not merge correctly.

CSD Logic Blocks
1. If a set of Logic Blocks are set up incorrectly, such as an OR Block looped back to itself, which causes an "infinite loop", Control Space Designer will crash.
2. For some Logic Wiring, vertices cannot be added.
3. CSD is not saving settings for Control Points with Logic Wiring.
4. CSD is not saving settings for Wire Label Colors and Backgrounds for Logic Wiring.

5. It has been observed that the settings for "Pulse" Pulse Logic Modules cannot be set while online with CSD.
6. Assigning a Logic Action from an ESP-00 to a Trigger on an EX-1280 will result in an error.
7. The states of Logic Connectors within the Logic Wiring View may sometimes show the incorrect state. This does not affect the functionality.
8. Pulse Logic does not function when used with OR logic while CSD is online.

Conference Room Router/Combiner
1. Deleting a room from a Room Combining Group will remove that room from the "Room Number" dropdown list.
2. Using "Undo" with Conference Room Combiner can cause CSD to not undo the changes correctly.
3. Changing the Label of Port in a Conference Room Router will not change the Label in the CRR Matrix view.
4. Changing the names of Outputs for CRR does not update those changes in the CRR Matrix View.
5. When adding a Conference Room Router to an existing Conference Room Combiner will result in the Audio Routes not being completely populated, and the Routes will need to be added manually

Under Table Boxes
1. It is possible that EX-8ML may boot up with a Link Local address upon first use, rather than DHCP. Rebooting the device will then revert the address to DHCP.
2. EX UTB, when programmed in DHCP mode, may be shown as "Static" in CSD Hardware Manager.

Telephone Call Functionality
1. It has been observed that incoming calls to PSTN will not display full caller ID when calling from some countries.
2. The Call Timer will incorrectly start when dialing rather than when the call is Active.
3. PSTN and VoIP Ring and Voice Levels are not being properly set. There is no difference in audible level between 0 dB and +10 dB.

Logic
1. It has been observed that some Logic events may Log to Serial Output twice, but this does not affect performance.

ControlSpace Remote
1. ControlSpace Remote will show 8 Far End Sources regardless of how many exist in the CSD Design File.
2. The "Flash" functionality in CSR is works differently that it does in CSD when making Conference Calls. In CSR, the call is immediately dialed, rather than hitting the "Dial" button in CSD.
3. When entering digits via CSR while in an active VoIP call, there will be no audible DTMF tones.
4. It is not possible to end a VoIP call with CSR when the Far End is in a "Hold" state.
5. If using ControlSpace Remote to control AmpLink, if the number of channels is changed, the AmpLink Block will need to be deleted and re-done in CSR.

3rd Party Mics
1. The "Load Preset" function for the SHURE-MXA910 Mic Control Panel is not functioning correctly in ControlSpace Designer.

Other Issues
1. When programming Selectors, Gains, Analog Inputs/Outputs for GPI digital, they may not function when using EX-1280C with Legacy devices.
2. If performing Firmware Updates on multiple EX-1280Cs, the Front Panel display may go to "sleep", and the "Updating Firmware" message may not be seen.
3. A CC-16 connected to an EX-1280C may display duplicate characters when controlling a selector.
4. A CC-16 mapped to a selector may continue to show (*) after the selection is made.
5. If illegal Serial commands are sent to EX-1280C, it's possible that doing so may cause the device to reboot.
6. It's not possible to create long device names in "Properties" view.
7. CSD Hardware Manager may show that a new version of Dante Firmware is available, but the "Update" button is greyed and not functioning. If so, run the "FUM.exe" from to "/bin" directory to update Dante Firmware.
8. The EX-1280C LED Display may show incomplete digits for Dante Firmware Versions.
9. If a value is changed in the Standard Room Combine Control Panel (BGM/Input/Output/Gain/Mute), those changes are not shown in the dropdown "Room Control" for the STRC Wizard.
10. If combining Rooms across EX-1280C and other devices using Standard Room Combine, CSD will not create automatic subscriptions on the non-EX-1280C devices.
11. When Merging files, the wiring between Signal Processing Modules is lost.
12. When muting Grouped Input/Output Levels on PowerMatch devices, the Group Levels will become out of sync when the Groups are Muted.
13. PowerMatch will not alert the user to a Digital Audio failure. If there is Audio loss on Dante, ESPLink, CobraNet or other Digital Audio Sources, this issue will be seen.

Legacy Devices
1. Fixed IO DSP analog Inputs and Outputs may not be set correctly by Timers.
2. For the ESP-00 II, the indicators for the Gated AMM Control Panel do not display correctly. These Modules function accurately on all other devices.
3. For the ESP-00 II, the Crosspoints of a Standard Mixer cannot be set via Serial Command.
4. Grouped Levels do not change via Serial command if the Group is Muted.
5. Not all fixed IO DSP output channels Mute/Unmute when triggered with GPI Input.