

Q-SYS™

Release Notes

The QSC logo consists of the letters 'Q', 'S', and 'C' in a bold, sans-serif font. The 'Q' has a small square notch at its bottom-left corner. The 'S' and 'C' are also bold and sans-serif. A small trademark symbol (TM) is located at the top right of the 'C'.

Q-Sys Designer Release 2.1
September 2011 Revision A

Release Notes

This document covers pertinent information, including [Known Issues](#) and [Resolved Known Issues](#), for Q-Sys Designer Release 2.1, September 2011.

Important

As with any upgrade, be sure to create backup files for any designs you have.

If you are upgrading a system from Q-Sys Designer 1.2 to 2.1 the following may apply to your system.

- If you have defined User accounts in release 1.2, you must recreate the Users using the Q-Sys Design Administrator. This includes assigning the new User accounts for UCIs (User Control Interfaces).
- You must recreate any scheduled events, using the Q-Sys Design Administrator.
- If you have created any UCI panels and displayed them with Adobe AIR, you can now use the Windows UCI viewer. Adobe AIR no longer works with Q-Sys UCIs.
- When you upgrade to version 2.1 the Core's storage drive is re-partitioned. The installation process copies any media files stored on the Core's hard drive to your PC. The process then copies the files back to the Core's hard drive. Prior to copying the files, the installation program checks the available space on the Core's hard drive. If there is not enough space for the new partition and the media files, you will receive a warning that your media files will be lost, with an option to cancel. If you do not have a backup of your media files, contact Q-Sys Support before starting the upgrade.

Installation Software Requirements

Software Package	Q-Sys Designer
Microsoft Windows XP Professional Version 2002 SP3 (32 bit) or Microsoft Windows Vista SP1 (32 bit) or Microsoft Windows 7 (32 or 64 bit)	Prerequisite
Microsoft .NET Framework 3.5 SP1	Prerequisite The installation program automatically installs the required files. ¹
Apple Bonjour for Windows	This is required only if you are upgrading from Q-Sys Designer release 1.0 or 1.1 to release 1.2. If you are upgrading from 1.0, or 1.1, to version 2.1, you must upgrade to 1.2 first. Bonjour does not work with Q-Sys release 2.1. User must obtain and install
1. Internet access required.	

Q-Sys Designer / Design File Compatibility

Q-Sys Designer release numbering convention is a three-level system – major release.minor release.build number (2.1.430). Larger numbers indicate a newer the release. If the "major.minor" release number of a design file and Q-Sys Designer software are the same, the "build" number doesn't matter. You may have to upgrade/downgrade your hardware to the same "build" number as the Q-Sys Designer software to Run the design on the Core.

You cannot open a design file with a newer "major.minor" release number than the Q-Sys Designer software. For example, you cannot open a 2.1.*nnn* design file with 2.0.*nnn* Q-Sys Designer software.

You can open a design file with an older "major.minor" release number than the Q-Sys Designer software. For example, you can open a 2.0.*nnn* design file with 2.1.*nnn* Q-Sys Designer software. If you save the file with the newer software, you cannot save it back to an older release.

IMPORTANT: Make sure your design files are backed up in your current release before starting the upgrade to a newer release.

New Hardware in Q-Sys

- **CobraNet Card (BETA)** – Adds CobraNet capability to Q-Sys. You can install the card in the Core or an I/O Frame.
- **Standard Mic/Line In Card (BETA)** – Provides a lower cost solution for mic/ line input scenarios.
- **TSC-8 Touch Screen Controller** – The TSC-8 series products are network enabled, 8.4-inch, capacitive touch-screen control panels. You can create User Control Interfaces (UCI) in Q-Sys Designer for use with the TSC-8.

Type 2 Hardware



Type 2 hardware provides new cables and connectors between the I/O cards and main boards, replacing those installed in earlier releases of hardware. Due to this change, the Type 2 hardware is not physically compatible with the older hardware. You can still integrate the new I/O Frames and Cores in the same system with older hardware, but the I/O cards are not interchangeable. Type 2 hardware can be identified by a yellow label on the back of the Core and I/O Frame, and the bottom of the I/O cards.

New Components in Q-Sys Designer

Please read the following information carefully. There are many changes and additions for Q-Sys Designer 2.1, some requiring your attention when you upgrade your Q-Sys Designer installation to this release. As with any upgrade containing major changes, there may be a substantial impact to your current designs. Before you upgrade be sure you understand the changes that are required for your system, and be sure you have backed up your design files.

Control

Event Log Component

The Event Log component displays the last item added to the event log. The information displayed is: date/time, severity, category, and message. You can use the Event log to send this information to a Lua Script. For the

complete Event Log, refer to the Q-Sys AdministratorEvent Log topic.

Effects

Auto-Pan Component (BETA)

The Auto-Pan Component allows you to take a mono signal and automatically pan it between the channels of a stereo output, or a stereo input and pan the channels automatically between the stereo output channels.

Chorus Component (BETA)

The Chorus Component mixes two identical signals, with one of the signals delayed by a small, slowly modulated amount.

Echo Component (BETA)

The Echo Component enables you to create a delay or echo effect for mono or stereo inputs and outputs.

Flanger Component (BETA)

The Flanger Component mixes two identical signals, with one of the signals delayed by a small, slowly modulated amount.

Tremolo Component (BETA)

The Tremolo Component allows you to modulate the gain of a mono input to get a mono or stereo output, or a stereo input to a stereo output.

Inventory

CobraNet (BETA)

The CobraNet card is represented in Q-Sys Designer by two components that you can add to your design; the CobraNet In Component, and the CobraNet Out Component. You may install up to four CobraNet cards in an I/O Frame, and one in a Core. The CobraNet card (BETA) gives you four input and four output channels of CobraNet digital audio.

RS-232 Serial Port

There is an RS-232 Serial Port, on the rear panels of the Core and I/O Frames. The representative RS-232 Serial Port Component is automatically in the Q-Sys Designer Inventory list as part of the Core, and any I/O Frames you add to the Inventory. When you add the component to your design, and connect it to the Control Script Component, you establish a connection to the RS-232 connector on a Core or I/O Frame. You can now write an appropriate Lua Script to control and read from devices such as DVD players, recording hardware, video, lighting, and so on.

Changed Components in Q-Sys Designer

Acoustic Design Loudspeaker Components

The 8-Ohm Bypass option in the Properties is now Low Impedance. This change affects the following loudspeakers: AD-S282HT, AD-S52T, AD-S82, AD-S82H, AD-S32T, AD-S28Tw.

Audio Player Component

Playlists, created in Q-Sys Administrator > Audio Files, are available for selection in the Audio Player. You can select to Repeat the list, shuffle the list, or play in the file order of the Playlist. In Shuffle mode, if Repeat is on, Q-Sys re-shuffles the list, and plays it again.

Channel Group Component

You can now copy Channel Group channel Select buttons into the Schematic, or a UCI.

Custom Controls Component

A new control type, Status Display, is available for selection as a Custom Control.

Delay Component

There are three types of Delays available in the Delay Component: Standard, Fractional, and Crossfaded.

- The Standard Delay rounds the Delay time to the nearest whole number of samples, and ramps the signal level down to -20 dB then ramps back to the original signal level but at the new delay time.
- The Crossfaded Delay rounds the Delay time to the nearest whole number of samples, and maintains two delay lines for each tap. When the Delay time changes, one of the delay lines is updated with the new delay time, the other uses the original delay time. The output signal changes to the new time by cross-fading from the original Delay time to the new Delay time.
- The Fractional Delay interpolates the audio signal between samples if the Delay time is not equal to a whole number of samples, and ramps the Delay time to the new Delay time. The signal level is not changed.

The Delay Component now has a Linear Gain option, in the Properties, in support of acoustic positioning control.

Delay Matrix Mixer Component

The Delay Matrix Mixer now has the option, in the Properties, to select the Type of delay. The choices are Standard, Crossfaded, and Fractional.

The Delay Matrix Mixer component now has a Linear Gain option, in the Properties, in support of acoustic positioning control.

Dynamics Components

The following change applies to the Automatic Gain Control, Compressor, Expander, Gate, Peak Limiter, and Priority Ducker Components.

In Gain is applied to both the main Input and the Side Chain input, regardless of whether the Side Chain Input Property is No (internally connected) to the main Input, or Yes (externally connected) to the main Input. In earlier releases, when you bypassed the Component, In Gain was not available at the main Input and the Side Chain input. This could cause a Side Chain signal level shift that would make it difficult to adjust the Component while bypassed. In this release, Q-Sys Designer always applies In Gain to the Side Chain input signal, regardless of the state of Bypass.

There is a new Property, Bypass Gain Meter, to determine if the Applied Gain Meter is active or not. When set to Active, the Applied Gain meter is active regardless of the state of the Bypass button. This means you can adjust the dynamics processor in Bypass mode. When set to Inactive, the Applied Gain meter is inactive to give you an indication that the component is in Bypass mode.

This change applies to all Dynamics components. When the Bypass button is active, the word BYPASSED displays in the middle of the Response Graph.

EQ Components

This change applies to all Equalizer and Filter Components with the exception of the FIR Custom Filter. When the Bypass button is active, the word BYPASSED displays in the middle of the Response Graph.

E-mailer Component

The E-mailer Component now works with SSL email accounts. Examples of email accounts requiring SSL are G-mail, Hotmail, Yahoo, etc.

Generic Loudspeakers Component

The name of the Generic Distributed Speaker has been changed to Generic 25/70/100V Speaker.

GPIO Component (Core and I/O Frame)

The WCP-2 Wall Control Panel now uses only three pins of the GPIO connector instead of four. When you select the WCP-2 on GPIO Pin 1, it uses pins 1, 2, and 3. When you select it on GPIO Pin 5, it uses pins 5, 6, and 7. This makes pins 4 and 8 available for other use.

Hardware Components

Verbose details in the Core Status, I/O Frame Status, Page Stations, Q-LAN Transmitter and Receiver components, only display when the value is not zero.

A combination ID/LED button in the Status components of the Core, I/O Frame, and TSC-8 has replaced the ID button and Identification LED. The same change applies to the Q-Sys Configurator for these components. In addition, when you activate the ID/LED button, it flashes for 5 minutes, and then stops unless you stop it prior to that by pressing it or clicking it again.

Loudspeaker Components

Line Arrays, Acoustic Design, Subwoofers, Generic Speaker, Generic 25/70/100V Speaker

When Q-Sys detects an amplifier attenuator at -20 dB (20 dB below full output) or below, Pilot Tones and Impedance readings are disabled. In addition, if you enable Pilot Tones when the amplifier attenuator is turned to -20dB or below, the loudspeaker Status will indicate a compromised state.

When a QSC Amplifier is in Standby, the Loudspeaker Status field indicates this condition.

PA Router Component

The PA Router has two new buttons: Cancel All Commands, and Cancel Queued Commands Only

Parametric EQ Component

High- and Low-shelf options are now available in the Parametric Equalizer Component.

Responsalyzer Component

The following Control Pins are now available for the Responsalyzer: Clear, Coherence, Impulse Response, Magnitude Response, Phase Response, RTA, and Update. The intention of the Control Pins is for use in Lua Scripts.

Router Component

The Router Component Properties has a new choice under Selection Controls called Output Select Mode. When you choose the Output Select Mode, the Control Panel displays an Output selector knob and a Mute button for each Input, as opposed to Input selectors for each Output.

The maximum limit for Input and Output Count, for Crosspoint and Combo Box controls has been raised from 4096 (64 Inputs * 64 Outputs) to 16384 (128 Inputs * 128 Outputs). For Input/Output counts above this, up to maximum of 512/512, the Knob control is available.

Snapshot Controller Component

The Match and Last LEDs are no longer available on the Snapshot Controller Component. Now, a color change on the Load button indicates the following states: off – dark green, modified – dim green, and loaded – bright green.

System Mute Component

System Mute control state is now remembered on the Core when you deploy the same design back to the Core, and in Emulate mode and then to Run Mode when you deploy a new design to the Core.

User Control Interface

The UCI design now supports navigation buttons. When you have multiple pages, and do not want to use Tabs, you can drag a page from Q-Sys Designer's left-side pane onto the page displayed in the design interface. Doing so creates a navigation button for the page you dragged in. You can also use the Polygon Graphic tool to draw a shape and assign it a page by dragging the page from the left-side pane into the Polygon shape.

You can now re-order the pages of a UCI by dragging them to a new position in the left-side pane. When you reposition a page in the left-side pane, the pages are re-ordered in the UCI display as well.

When you add graphics to a UCI, Q-Sys Designer scales the images down based on the Panel Type as set in the Properties of the UCI. The images are never scaled up.

Virtual Page Station Component

The Virtual Page Station Component is effectively a new component. Designed for use on a touch screen, the new Virtual Page Station provides individual Zone selections, Group Zone selections, and Snapshot Zone Selections. You can automate the Virtual Page Station by a Lua script, or External Control. You select the Mode (Live, Auto, Delay, and Message), the Priority, the Preamble directory and file, and the Message directory and file.

This release of Q-Sys designer deprecates the Virtual Page Station that was available in release 2.0. Q-Sys Designer release 2.1 supports the old Virtual Page Station, but you cannot add more release 2.0 Virtual Page Stations in release 2.1.

Control Script Component

The Control Script editor now occupies an entire tabbed page. The default name of the Tab is "Control Script". If you select the component in the Q-Sys Designer Schematic and type a new name, the Tab name would read, for example, "MyScript : Control Script".

New and Changed Features in Q-Sys Designer

Configurator

If you attempt to close Q-Sys Designer when there are unsaved changes in the Configurator, you receive a warning message.

Connection Status Bar

The Connection Status bar now shows the Core name that displays the status message and all available IP Addresses when you hover over the name with your mouse pointer.

Controls

The following new features apply to controls copied from a Component's Control Panel into the Schematic.

- A control's identity can be reassigned by dragging one control over another
- A control's style can be copied to another control by dragging one control over another
- Button Style "Custom" has been changed to "String", which better reflects its use
- Meter background color property has been added
- You can now use special characters to change the value of a control. You can drag a control into the Schematic, and change the **Style** of the control to **Button**, then change the **Button Style** to **String**, and enter one of the special characters. When you click the button, the associated control changes based on the **String**. In addition, you can select a control, in the Schematic or a Control Panel, and simply type in one of the special characters to change the value of the control.

Special Character	What you would key in.	Change to Control Value
++	++	up one unit
--	--	down one unit
+=	+=5	up five units
-=	-=7	down seven units
*=	*=2	multiplies the current value by two

Special Character	What you would key in.	Change to Control Value
max	max	places control at its maximum value
min	min	places control at its minimum value

- New "text field style" for text field control
 - Normal
 - Meter Background
 - No Background

External Control

New External Control commands are available to support Metadata (Control coloring, hiding, disabling, combo box choices).

You can now ramp controls via external control.

Graphic Tools

The Polygon now supports String Button Style and Off Color. These are set in the Properties of the Polygon once it is in the Schematic.

HoverMon

Q-Sys Designer no longer displays HoverMon text for controls that have no pertinent information to display. For example, momentary and trigger type buttons.

Installation

During the installation of Q-Sys Designer 2.1, the storage drive on the Core will be re-partitioned to allow room for new system files. If you have media files stored on the Core, Q-Sys automatically copies them to your PC then copies them back to the storage drive on the Core. If there is not enough disk space to re-partition the drive and copy the files back, you receive a warning before the process starts. If you do not have a backup of your media files, contact Q-Sys Support before starting the upgrade.

When you install Q-Sys Designer, there are fewer steps required to complete the process.

Lua Scripting

The topic, Using Lua in Q-Sys, has a new organization for easier use.

The Log.Message and Log.Error commands are now available.

A TCP/IP Socket server is now available for Lua scripts.

Named Controls

The Named Control list now allows you to sort by name and group by component. Both are case-insensitive.

When pasting components that have Named Controls, Q-Sys Designer now asks if you want to create new Named Controls for the pasted component.

Networking

Q-Sys 2.1 adds the Cisco Small Business 300 Series Ethernet switches to the list of Q-Sys Qualified Switches.

Linksys SLM Series Smart Switches and SRW Series Managed Switches are End of Life (EoL) by the manufacturer.

Online Help

The Q-Sys Help file is available from the Windows Start Menu under Q-Sys Designer. This link takes you to the QSC website to ensure you have access to the latest help.

Preferences

A new Preferences selection under File on the main menu is now available. In the Preferences dialog, you can:

- Management the Hard Links for remote access to a Core, or UCI.
- Under Audio Monitor, you can Enable audio monitoring (HoverMon), select the Driver, and Test your setup.

Q-LAN Transmitter and Receiver

When streaming audio between Cores, you must set the Clock Domain of both Cores to Custom in the Core's Properties. If not, and you have a Q-LAN Transmitter and/or a Q-LAN Receiver in the design, Q-Sys displays an error indicating the Clock Domain setting is not correct.

Remote Access

Q-Sys Designer 2.1 changes the location for the Hard Links file. The new location (and file) is now the same as the UCI Viewer:

- Windows 7 – C:\Users\\AppData\Roaming\QSC Audio\hardlink.xml
- Windows Vista – C:\Users\\AppData\Roaming\QSC Audio\hardlink.xml
- Windows XP – C:\Documents and Settings\\Local Settings\Application Data\QSC Audio\hardlink.xml

NOTE: You can now manage your Hard Links for both the UCI Viewer and the Core using the new Preferences dialog (from the Main menu, File > Preferences > Hard Links).

Right-Click Feature

You can now duplicate an item in the Schematic by right clicking it and selecting Duplicate from the menu.

Schematic Pages

When you open a design, Q-Sys Designer recalls which Schematic Pages were open the last time you opened the file, based on the name of the file. If you open a file with the same name but in a different location on your computer, Q-Sys Designer recalls the pages from the previous file, not the one in the new location.

When you rename a Schematic Page, Q-Sys Designer sorts the renamed pages alpha-numerically in the left-hand pane.

New and Changed Features in Q-Sys Administrator

Page Station Settings

You can now select the Revert Selected Command (the action taken by the Page Station after a page, or a timeout) and the timeout for a Page Station.

PA Zones

You can now filter the PA Zones and User views with the use of tags.

Audio Files

You can create Playlists in Q-Sys Administrator that will persist in the design. For more information on how to use Playlists, refer to the Audio Player.

You can now view the free space available, for audio files, at the top of the Audio Files tab.

Q-Sys 2.1 provides new and improved Preamble files.

PA Global Settings

There are two new PA Global Settings:

- Queue Timeout – The Queue Timeout provides a mechanism to discard hindered (due to busy zones) Play Message Commands or Delayed Page Commands.
- Cancel Delay – Wait this much time after issuing a Play Message Command to allow canceling before the message is queued for playback.

Event Logging

Q-Sys Designer purges the Event Log when the file reaches 10 MB, or is stored for 31 days. Q-Sys Designer deletes one day at a time until the log is under 10 MB, and nothing is older than 31 days.

Q-Sys Designer now logs the following Events:

- Connect – Now includes connections through External Control, but not Q-Sys Designer, or UCI connections.
- System – Now includes changes to the System Mute.
- Paging – Now includes changes to the Paging configuration.

Interface

The design name and the Q-Sys Administrator software version are now included in the title bar of the stand-alone Administrator. When you run the Administrator, be sure it is the same software version as the Q-Sys design you want to access.

New and Changed Features in the Q-Sys UCI Viewer

Controls

The UCI Browser panel now has a show/hide button. This button takes the place of grabbing the edge of the Browser panel and sliding it to the left in order to hide it.

The UCI Viewer now has a Touch Screen Control Mode button – In Touch Screen Control Mode, the cursor, hovering, and text entry are disabled, and a logon pin-pad designed for a touch screen is available for login. (In normal mode, a dialog box is available for logon.)

Controls

If the Q-Sys UCI Viewer resides on the same PC as Q-Sys Designer, you can use the new Preferences dialog to manage Hard Links (from the Q-Sys Designer Main menu, File > Preferences > Hard Links).

Miscellaneous

The Q-Sys UCI Viewer now displays the UCI Viewer's software version in the title bar.

New and Changed Features in iOS UCI Viewer (BETA)

To download the Q-Sys Apple iOS App, go to <http://itunes.apple.com/us/app/q-sys-control/id417461920?mt=8&ls=1>.

Remote Access ability added using Hard Links.

iOS UCI Viewer now supports redundant Cores (auto switches to active Core)

iOS UCI Viewer can now connect to Cores via their Aux LAN ports

New and Changed Required Software

The following software is no longer required for Q-Sys Designer as of release 2.0:

- Adobe AIR – No longer supported. (For existing UCIs that use AIR, use the Q-Sys UCI Viewer.)
- Adobe Flash

Q-Sys Designer 2.1 does not support the following software; however, it is required for upgrading from Q-Sys Designer 1.0 or 1.1 to Q-Sys 2.1.

IMPORTANT: You must upgrade to Q-Sys Designer 2.0 prior to upgrading to Q-Sys Designer 2.1.

- Apple Bonjour for Windows

BETA Version Features

There are a number of features in Q-Sys Designer currently in a BETA version. These features are marked as such in the Q-Sys Designer user interface, and in the associated help topics. A feature labeled as BETA indicates that the feature is not as polished as we would like it to be. It is functional, but there might be caveats and rough edges associated with it. In addition, a BETA feature is more likely to change in the future.

Currently in BETA

- Channel Group
- All Effects components Auto-Pan, Chorus, Doppler, Echo, Flanger, Tremolo
- Standard Mic/Line In card (Type 2 hardware)
- CobraNet Card (Type 2 hardware)

Removed from BETA

- FIR Custom Filter
- Q-Sys Touch Screen TSC-8

Resolved Known Issues

PA Router BGM Assign Buttons do not Work when Zone Count * BGM Input is Above 4096 (64 * 64).

Issue: When the product of PA Zones * BGM Inputs is greater than 4K (64*64), the BGM source select crosspoint buttons were not functional.

The crosspoint buttons are functional up to the maximum PA Zones * BGM Inputs (256 * 64), or 16K.

Amplifier Occasionally Misidentified when Switching between Redundant I/O Frames with the DAB-801 Automatic Mode Button OFF, and a Manual Backup Engage Button ON

Issue: When using a DAB-801 in the following scenario:

- redundant I/O Frames,
- in the DAB-801 control panel, the Automatic Mode button OFF and
- one of the Manual Backup Engage buttons ON and
- switch from the active I/O Frame to the standby I/O Frame

Q-Sys occasionally misidentifies the type of the amplifier:

- The Status in amplifier's control panel displays "Fault – Wrong Type".
- Additionally, if a 4-channel amplifier is identified as a 2-channel amplifier, the Status display will include "Channel 3 disconnected, Channel 4 disconnected".

4-Channel Amplifier Occasionally Loses Channels 3 and 4 when Switching between Redundant I/O Frames with the DAB-801 Automatic Mode button OFF, and a Manual Backup Engage Button ON

Issue: If you have, a 4-Channel amplifier connected to a DAB-801, and switch from the active I/O Frame to the standby I/O Frame, with the Automatic Mode button OFF, and a Manual Backup Engage button ON, Q-Sys

Designer identifies the amplifier correctly but channels 3 and 4 of the amplifier are occasionally lost. The status in the amplifier's control panel displays "Fault - Channel 3 disconnected, Channel 4 disconnected".

Uploading Large Audio Files Occasionally Fails

Issue: Occasionally when you try to upload a large audio file to the Core, the process will stop without uploading the file or giving an indication that the process stopped, other than the progress bar isn't moving.

Cannot Preview Audio Files in Sub-directories of the Messages and Preambles Directories

Issue: If you create a sub-directory under either the Messages or Preambles directory under the Audio Files tab, and upload either .wav or .mp3 files into those sub-directories, then attempt to preview one of those files by clicking the play button next to the file, no audio is produced.

Cannot Access Audio Files in Sub-directories of the Messages and Preambles Directories

Issue: If you create a sub-directory under either the Messages or Preambles directory under the Audio Files tab, and upload either .wav or .mp3 files into those sub-directories, then attempt to use those files in any commands, the files do not display in the list of available files.

Known Issues

Q-Sys Designer Interface

cgi-bin/status_xml Error when Deploying

Issue: Rarely, when deploying a design to the Core, Q-Sys Designer may idle for a few minutes with a "Discovering Core..." message. Eventually, an error appears stating, "Error downloading file cgi-bin/status_xml..."

Workaround: Clear the error message by clicking 'OK', then wait 5 minutes and deploy the design again.

Lua Script Code Written with the Control Script Component in, or dragged into, a Channel Group Component, is Hidden/Deleted when you Emulate or Run the Design.

Issue: Q-Sys Designer hides Lua code, written in a Control Script, in the following circumstances

- Write the code in Design, Run, or Emulate mode, then go to Design mode (if not already there) and drag the Control Script into the Channel Group and Emulate or Run the design.
- Drag the Control Script Component into the Channel Group, write the code in Design mode, then Emulate or Run the design.

Q-Sys Designer deletes Lua code in the following circumstance.

- Write the code in one of the above circumstances, then Emulate or Run the design, and write some more code in the Control Script component. Go to the Design mode, only the code written while in the most recent Emulate or Run mode is in the Control Script Component.

Workaround: Write all code with the Control Script component in the Channel Group, in Run or Emulate Mode.

DDI-11 does not Turn Red, in the Inventory List, to Indicate a Fault.

Issue: The DDI-11 does not indicate a fault, by turning red in the Inventory list, under any circumstances. Following is a list of possible scenarios:

1. The DDI-11 is in the design and not connected to anything
2. The DDI-11 is in the design and connected to a malfunctioning or misidentified DataPort card, installed in a Core or I/O Frame
3. The DDI-11 is in the design and connected to a DataPort card that is in an I/O Frame that is offline

Workaround: In scenarios 2 and 3, use the I/O Frame or DataPort card Status for the Fault indication. In scenario 1, the only indication would be no audio output from the amplifier physically connected to the DDI-11.

I/O Frame with four AES3 Cards Exhibits Sluggish LCD and Configurator Response

Issue: An I/O Frame with four AES3 cards installed, and all inputs and outputs carrying signal, will display sluggish LCD and Configurator response.

Context Find (Ctrl-F) Locks up when Specific Steps are Used on Inventory Items

Issue: The Context Find feature locks up under the following circumstances:

1. Select a component in the Inventory list, for example, an I/O Frame with components in the schematic
2. Press Ctrl-F, make sure the "Find By:" drop-down list has "Context" selected
3. Select one of the components in the "Find Results" list
4. Click your mouse somewhere in the schematic (not another component)
5. Press Ctrl-F (while the Find dialog box is still open)
6. Select a component in the Inventory list (with components in the Schematic)
7. Select an item in the "Find Results" list. The Find dialog box is frozen

Workaround: Avoid using these exact steps.

Preamble Gain in PA Page Commands does not Work

Issue: When you adjust the Gain control in a Page Command, it has no effect, even though the numbers on the control increment, indicating a change.

Workaround: None

Control

Cannot Place Matrix Mixer banked Controls in Snapshot Banks

With Control Banking active in a Matrix Mixer, you are unable to drag any of the banked controls into a Snapshot Bank. However, you can drag the whole mixer in, in which case the banked controls appear to work correctly in the Snapshot Bank.

Core Firmware

Inventory and Component Device Status Indicators do not Match

Issue: During the I/O Frame firmware update, and then during the restart of the I/O Frame, the I/O Frame Component (e.g. Line Out card) status strings indicate "Missing - I/O Frame missing", while the Inventory status string indicates other, varying states.

Loudspeaker Status is "OK" when the Amplifier has no Connections to Anything in the Design

Issue: When you have loudspeakers connected to an amplifier in a Q-Sys design and the inputs to the amplifier have no connections in the design, the loudspeaker Status reports "OK".

DSP

I/O Input Card Meters do not Work When no DSP is Wired to the I/O Input Component

Issue: If you have an I/O Input card (AES3, CobraNet, Mic/Line In) installed in an I/O Frame, with an audio source connected to the inputs of the card, but nothing connected to the outputs in the design, the meters in the Control Panel of the I/O Input card, do not work. All the other functions appear to work, for example Phantom Power. This situation gives the impression that the input source is not working.

Windows Installer

Media Files are not Copied Back to the Core During the Upgrade Process

Issue: During the upgrade process to Q-Sys Designer 2.1, on Cores that do not have the SSD upgrade, the media files may not get copied back to the Core.

Workaround:

1. Start Q-Sys Designer
2. *Load from Core and Connect* to the upgraded Core
3. Start Q-Sys Administrator (or the standalone Administrator)
4. Select the **Audio Files** tab and select either the **Audio**, **Messages**, or **Preambles** subdirectory
5. Click the add file icon (plus sign) then navigate to (*Windows XP – C:\Documents and Settings\<username>\Local Settings\Temp\QSys Temp Files\Media* or (*Windows 7 – C:\Users\<AccountName>\AppData\Local\Temp\QSys Temp Files*).

NOTE: If this folder is not viewable in Windows Explorer, from the Windows Explorer menu select *Tools > Folder Options>View tab* then click the *Show hidden files and folders* radio button and click *OK*.

6. Select the files that belong in the directory, and click the Open button to upload the files.
7. Continue uploading the files for each directory.

NOTE: The **Audio Files** directories on the Core before the upgrade, are rebuilt; you do not have to recreate them. You can upload the all the files from one directory at a time, but you cannot upload the folder itself.