Kiva Presentation Server • Software Release Notes

Welcome to the Kiva+ V9.3.1 Software Release Notes. Please read this document to find important information on areas of Kiva that may not be covered in the Getting Started Guide or the User Help system.

CONTENTS

VERSION HISTORY

VERSION 9.3.1 – SEPTEMBER 2024

NEW FEATURES • (KIVA PRESENTION SERVER)

No New Features

BUGS FIXED • (KIVA PRESENTION SERVER)

1. **Kiva Presenter App: Quad Viewer SDI OUT Count-Down Display Playlist Items display incorrect "Trimmed Clips" Duration**

   The "Countdown" display on Quad Viewer SDI Out while airing a Playlist incorrectly displays "total clip length" <u>instead of</u> "trimmed clip length" for motion video items that have the "Head" and/or "Tail" trimmed on it. This issue is now fixed.

VERSION 9.3.0 – AUGUST 2024

NEW FEATURES • (KIVA PRESENTION SERVER)

1. **System: "Behind the scenes" Software License Tool**

   This new feature does not appear or affect User Operations—but rather is background 'software hooks' used by the Ross Factory and Ross Support to validate and program Software Licenses for Kiva products.

2. **System: Video Card Firmware Updater App Changes**

   This app appears when upgrading the Software version in your Ross video server product that also requires updating the Firmware on the Ross Video Cards fitted in the video server.

   This app had small tweaks to have the product logos removed and the Ross logo added.

3. **System: Removed "Abekas" Logo and upgraded to latest "Ross" Grayscale Logo**

   These changes were made to the Kiva Config, Kiva Import, Kiva Presenter, and the AsRun Log Report Generator apps.

4. **System: Updated Third-Party Software Information in the "About" Dialogs**

   Third-Party License information and verbiage was updated to the most recent text within the "About" dialog within the Kiva Presenter app.

5. **Kiva Config: AMP Protocol Folder Setting for Sony Switcher Control**

Sony Switchers have implemented the "media folder listing" command set in the AMP remote control protocol slightly out of specification — so it's different from how other switcher manufacturers have implemented these commands, including Ross.

On the RS422 tab, when "**AMP over Ethernet**" Protocol is active, a new "**Folder format**" radio button pair has been added near the bottom of the "**AMP Protocol Configuration**" section:
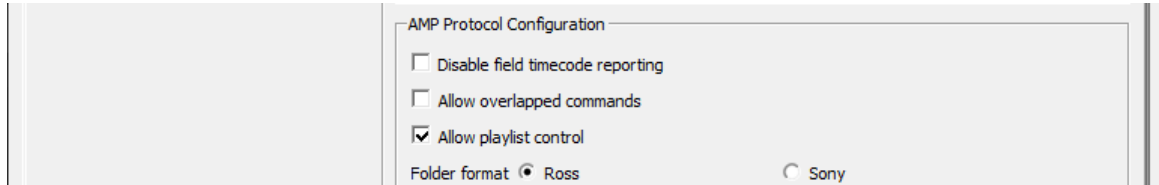
- Select the "**Ross**" radio button when controlling Kiva from any Ross Switcher (or any Non-Sony branded Switcher) while using AMP protocol.
- Select the "**Sony**" radio button when controlling Kiva from any Sony branded Switcher while using AMP protocol.

6. **Kiva Config App: Quad Viewer "Count Down" View assignable on a "per video card" Basis**

NOTE: This feature is **not** fully completed. See **KNOWN ISSUES VERSION 9.3.1 – SEPTEMER 2024**

No Known Issues

VERSION 9.3.0 – AUGUST 2024 on page 38 below.

The Quad Viewer HD-SDI output in the past could be configured for either "Quad Split" or "Count Down" display—and that single setting would apply to all (one, two, or three) video cards fitted in the Kiva+ server.

New additional controls have been added to the Quad Viewer tab in the Kiva Config app to allow this setting to be applied on a card-by-card basis:

- **CH1 PAIR** (ChA-ChD / **CH2 PAIR** (ChE-ChH) / **CH3 PAIR** (ChI-ChL)

When set for "Count Down" display, even more controls are added to allow the two Count-Down Channels to be assigned to any available channel pair.

To display **the VIDEO PGM** and **VIDEO PVW** Players in the Count-Down Quad Viewer OUT, select these Channels as the **Count-Down channels** (as shown in screengrab below):

- **ChA** & **ChB** / **ChG** & **ChH** / **ChK** & **ChL**
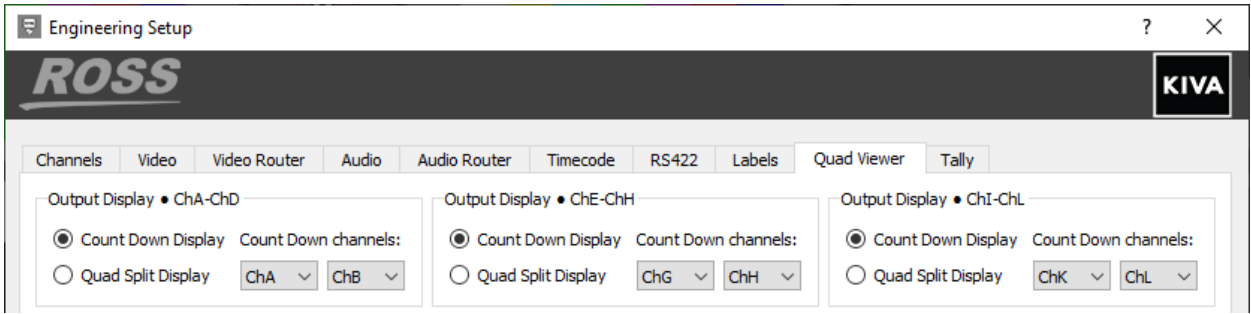
7. Kiva Presenter App: Media Button "Properties" Dialog Expanded

The "Media Properties" dialog pop-up window is invoked after "right-clicking" on an occupied Media Button and then selecting the "Properties…" item:

This dialog has been divided into two "Tabs" with parameters grouped for:

- **Button Properties**: Parameters applied to media when it's assigned to a given Media Button and loaded by the Media Button into a Video Player. The "Output Mode" parameter on the Button Properties will always 'override' the Output 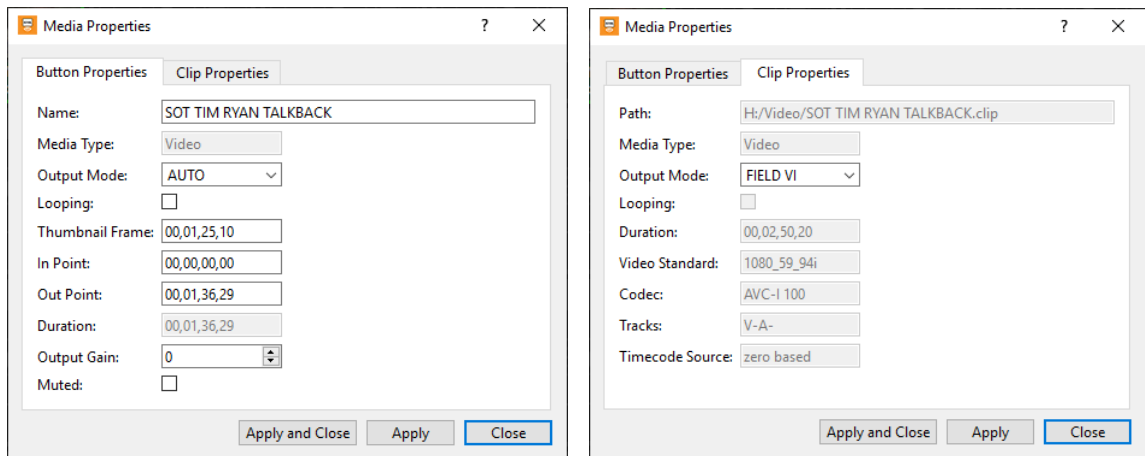Mode parameter on the Clip Properties if they are set to a different value. When the "Output Mode" is set to "AUTO" then the "Output Mode" set in the Clip Properties tab will be used.

- **Clip Properties**: Parameters applied to underlying media that's assigned to a given Media Button.

The parameters in the Button Properties tab that are not "grayed out" can be modified by the User — with exception of the "**Name:**" parameter.

8. Kiva Presenter App: New Media Button "Audio Mute" Function & Icon

A new function has been added to the Media Editor and Playlist Editor to allow Users to apply an audio MUTE function (and icon indicator) to these Media Buttons, which will also appear in the Video Players when a Media Button is loaded with this MUTE enabled.

The new Audio MUTE button appears in the **upper right corner** of the Media Editor and Playlist Editor:

= Audio Unmuted

= Audio MUTED
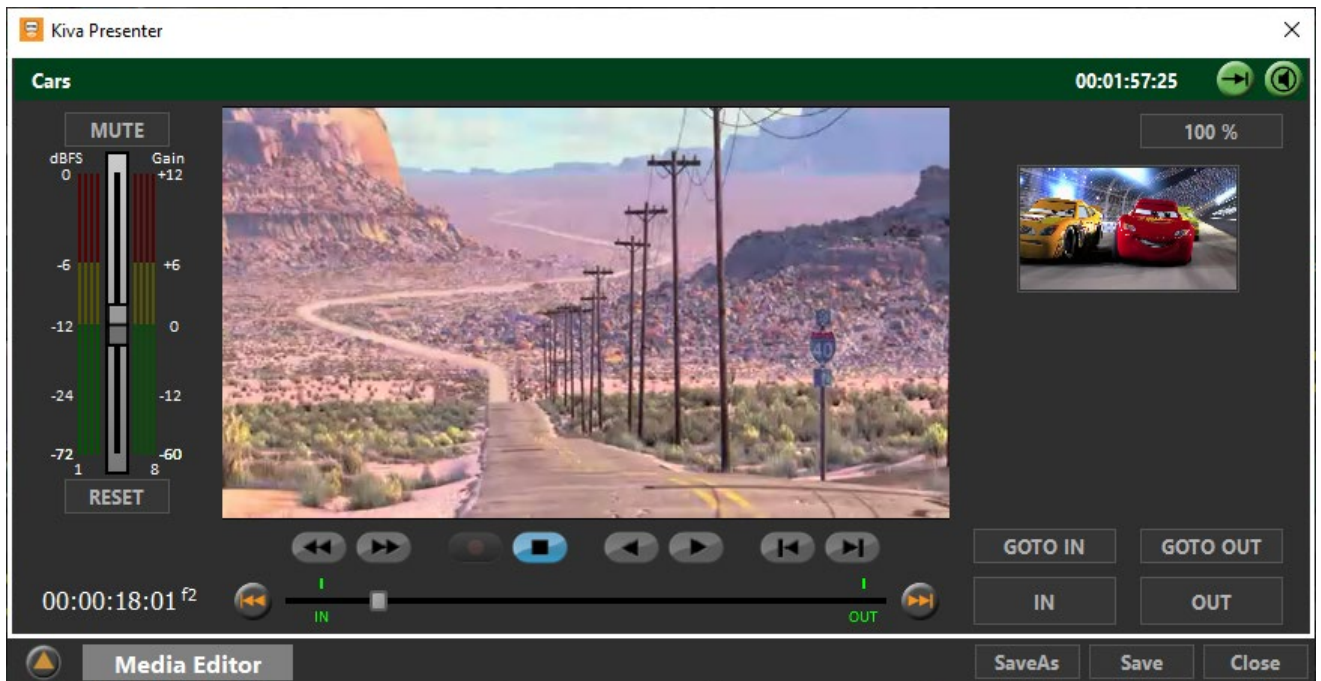
After toggling this button to the desired setting, click the "**Save**" button to save that change to the given Media Button.

When the MUTE setting is applied, this same icon (but **dimmed**) will appear in the **upper right corner** of the Media Button:
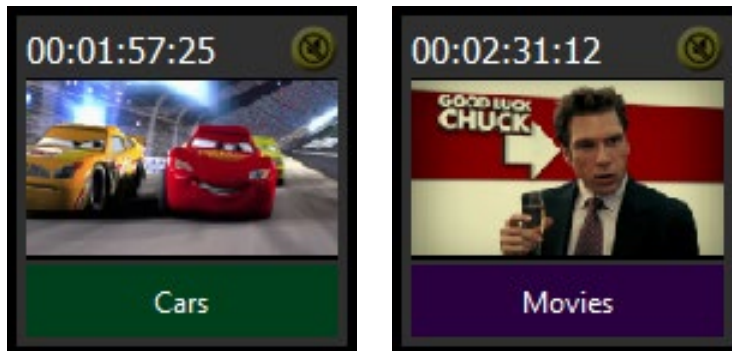
And when this Media Button is loaded into a Video Player, the audio from the motion clip will be automatically muted, and this Audio MUTE button will appear on the transport ribbon below the video image:

You may click this 🔇 button in the PVW Video Player and/or PGM Video Player at any time to "Unmute" the audio before and/or during clip playback.

When clicked, the button changes to the 🔊 "Unmute" state.

9. **Kiva Presenter App: "Select Media Clips" window hides "Single-Frame" media while assigning content to a motion Video Media Button**

    When assigning motion content to a blank "Video Media Button" the "Select Media Clips" dialog window will appear. To help narrow down the content, all "still" (single-frame) media are now automatically hidden in the "Select Media Clips" dialog window — because it doesn't make sense to assign still content to a motion Video Clip Media Button.

BUGS FIXED • (KIVA PRESENTION SERVER)

1. **Kiva Presenter App: Hover over Media Button with Motion Video caused Rare App Crash**

    If the proxy video generator had not yet finished rendering the proxy video for a given Media Button, hovering the mouse cursor over that Media Button in rare cases would crash the Kiva Presenter App. This issue is now fixed.

2. **Kiva Presenter App: Hot Key Editor incorrectly rejects valid multi-button shortcuts**

    While entering Hot Key shortcuts in the Hot Key Editor, some multi-button shortcuts were incorrectly rejected. Additionally, a Pop-Up dialog would sometimes appear in the middle of typing a new Hot Key that would interrupt the entry. Both these issues are now fixed.

3. **File Import App: The .AVI and .WMV media file extensions Ignored**

    While selecting media files to import within the "Add files to import queue" dialog window, any media files with the .AVI and .WMV file extensions were not listed in the window. This bug is now fixed, and these file types are now correctly listed.

4. **File Import App: Image Shift when importing media files with non-standard raster size**

    When importing media files that contain a video raster size less than a standard size, that image raster would sometimes be shifted toward the left, right, top, or bottom — depending on the specific aspect ratio of that content. This is now accounted for, and the image for such media files is now properly centered within the active video raster.

VERSION 9.2.4 – JULY 2024

NEW FEATURES • (KIVA PRESENTION SERVER)

No New Features

BUGS FIXED • (KIVA PRESENTION SERVER)

1. **System: Motherboard Intel Driver Issue causes rare Kiva Presenter App Crash and/or degraded app performance**

    Fixed a slow memory leak caused by a change to driver for the Intel GPU integrated into the computer motherboard. This leak had potential to degrade the GPU performance and/or cause a very rare crash of the Kiva Presenter App.

VERSION 9.2.3 – (SKIPPED)

This version number was skipped.

VERSION 9.2.2 – JUNE 2024

NEW FEATURES • (KIVA PRESENTION SERVER)

No New Features

BUGS FIXED • (KIVA PRESENTION SERVER)

No Bug Fixes

VERSION 9.2.1 – MARCH 2024

NEW FEATURES • (KIVA PRESENTION SERVER)

No New Features

BUGS FIXED • (KIVA PRESENTION SERVER)

1. **System: RossTalk RECEIVE Commands Inoperable after "Abekas SE" Service Restart**

   When the Abekas SE service is manually restarted, the RossTalk service would not start up automatically afterward, resulting in RossTalk RECEIVE commands becoming disabled. This issue is now resolved; RossTalk service now automatically starts after restarting Abekas SE.

2. **System: Chassis Service stops logging after a few hours**

   The background Chassis Service diagnostic logger would halt logging errors after a few hours machine operation. This issue is now resolved. The Chassis Service now continuously logs all errors.

3. **File Import App: File Import causes Color Shift**

   An error in the color space conversion caused media file import to subtly shift colors of the imported media. This issue is now resolved; there is no longer any color shift when importing media files.

4. **File Import App: App crash after several hundred media file imports**

   A slow memory leak caused the File Import app to crash after several hundred media files are imported. This issue is now resolved; the File Import app no longer crashes.

VERSION 9.2.0 – NOVEMBER 2023

NEW FEATURES • (KIVA PRESENTION SERVER)

1. **Kiva Presenter App: Tally Feature now Supported**

   In earlier software versions, the remote Tally feature did not completely function. All functionality is now supported.

2. **Kiva Config App: Change Default Image upon "Unload Video Channel"**

   Prior to V9.2 Software, whenever a video channel transport was "Unloaded" that channel would be automatically loaded with "Internal Color Bars".

   A new feature has been added to the **Kiva Config** app on the **Channels** tab to allow the User to change the image that gets loaded upon a Channel Unload operation. The choices are:

   - Color Bars (Default)

- Black
- Stored Still/Clip from Clip Library

NOTE: The "Stored Still or Clip" selection will present **all** .clip files stored in the Clip Library, including clips that are in video standards *different* from the video standard the video server is currently operating in. If a still or clip is chosen that's in a *different* video standard, then when the Unload command is executed the "Color Bars" will be loaded instead (*because it's impossible to load a .clip file that's in another video standard*).

3. **Kiva Config App: Count-Down selection added**

   In the **Kiva Config** app on the **Quad Viewer** tab, a new "**Count Down**" radio button has been added to allow the Quad Viewer HD-SDI Output to be formatted with only two video panes with audio metering, timecode, and optional Channel Label with Tally indication.

   However, the actual Count-Down function during playout of Clips and Playlist will be added in the upcoming V9.3 Software release. For the time being, the timecode in the "Count Down" Quad Viewer output will only "count up".

4. **Kiva Config App: RossTalk Protocol • Change Port Number**

   In the **Kiva Config** app on the **RS422** tab, a new feature has been added to allow the "RossTalk port number" to be changed. The default port number is 7788.

   The RossTalk port number can now be changed to a new port number ranging from 7788 to 7798 to help avoid duplicate RossTalk port numbers with other devices on the same Ethernet network.

5. **Kiva Remote Control: Added RossTalk Receive Command: Load Playlist**

   A new RossTalk Receive command has been added to load Playlist media content into specific video player channel(s), with the following syntax:

LOAD_PLAYLIST *(pvw-channel:)pgm-channel:playlistname*	Load playlist in specific *channel* or *channels* (*see: "Examples of Load Playlist Command" below*)

   ## Examples of Load Playlist Command

   LOAD_PLAYLIST B:A:Sports_Show
   Loads playlist titled "**Sports_Show**" into **ChA** as PGM Player and with **ChB** as PVW Player. The **first** playlist item is loaded into **ChA**, while the **second** playlist item is loaded into **ChB**.

   LOAD_PLAYLIST D:Good Morning Show
   Loads playlist titled "**Good Morning Show**" into **ChD** as PGM Player; first item is loaded into **ChD**.

6. **Kiva Remote Control: Added RossTalk Receive Command: Loop Playlist**

   A new RossTalk Receive command has been added to loop all Playlist content in a specific video player channel, with the following syntax:

LOOP_PLAYLIST *channel:mode*	Enable Loop Playlist (*see: "Examples of Loop Playlist Command" below*)

Examples of Loop Playlist Command

These commands can be issued *during* playlist playout.

LOOP_PLAYLIST A:loop
Enables "**loop**" command for playlist currently loaded in **ChA**.

LOOP_PLAYLIST A:off
Disables "**loop**" command for playlist currently loaded in **ChA**.

7. **Kiva Remote Control: RossTalk Receive Commands: 'forward slash' to indicate 'Folder'**

While using RossTalk Receive commands that can include 'folders' and 'subfolders' in the video server's Clip Library, the 'forward slash' character (/) is now allowed, in addition to the 'back slash' character (\ ), as has always been the case.

Example:
(H:\Video) SPORTS\HOCKEY\Finals <u>or</u> **(H:\Video) SPORTS\\HOCKEY\\Finals**
Can now be simply:
(H:\Video) SPORTS/HOCKEY/Finals

RossTalk Receive Commands affected by this change:

CUE *channel:clipname*	Load *clipname* on *channel*
CUE *channel:clipname:position*	Load *clipname* on *channel* and seek to *position*
PLAY *channel:clipname*	Load *clipname* and start playing
PLAY *channel:clipname:position*	Load *clipname* and start playing from *position*
LOAD_PLAYLIST *(pvw-channel:)pgm-channel:playlistname*	Load *playlist* in specific *channel* or *channels*

8. **Kiva Remote Control: Added RossTalk Receive Command: TAKE**

A new RossTalk Receive command has been added to transition ("take") media content within specific video player channel, with the following syntax:

TAKE *channel*	Take (transition) clip content in *channel* (*see: "Examples of TAKE Command" below*)

Examples of TAKE Command

TAKE A
While Playlist is loaded in ChB as (PVW) with ChA as (PGM): Transitions currently highlighted playlist item into ChA.

9. **Kiva Remote Control: Added RossTalk Receive Command: UP_ONE_ITEM**

A new RossTalk Receive command has been added to move an active Playlist's "current item highlighting cursor" UP by one item in the Playlist, with the following syntax:

UP_ONE_ITEM *channel*	Move Playlist "current item highlighting cursor" for playlist active in *channel* UP by one item (*see: "Example of UP_ONE_ITEM Command" below*)

Examples of UP_ONE_ITEM Command

UP_ONE_ITEM B

While Playlist is loaded in ChB as (PVW) with ChA as (PGM): moves the "current item highlighting cursor" UP by one item within the playlist that's currently active in ChB.

10. Kiva Remote Control: Added RossTalk Receive Command: DOWN_ONE_ITEM

A new RossTalk Receive command has been added to move an active Playlist's "current item highlighting cursor" DOWN by one item in the Playlist, with the following syntax:

DOWN_ONE_ITEM *channel*	Move Playlist "current item highlighting cursor" for playlist active in *channel* DOWN by one item (*see: "Example of DOWN_ONE_ITEM Command" below*)

Examples of DOWN_ONE_ITEM Command

DOWN_ONE_ITEM B

While Playlist is loaded in ChB as (PVW) with ChA as (PGM): moves the "current item highlighting cursor" DOWN by one item within the playlist that's currently active in ChB.

11. Kiva Remote Control: Added RossTalk Receive Command: RECUE_TO_FIRST_ITEM

A new RossTalk Receive command has been added to move an active Playlist's "current item highlighting cursor" to FIRST item in the Playlist, with the following syntax:

RECUE_TO_FIRST_ITEM *channel*	Move Playlist "current item highlighting cursor" for playlist active in *channel* to FIRST item (*see: "Example of RECUE_TO_FIRST_ITEM Command" below*)

Examples of RECUE_TO_FIRST_ITEM Command

RECUE_TO_FIRST_ITEM B

While Playlist is loaded in ChB as (PVW) with ChA as (PGM): moves the "current item highlighting cursor" to FIRST item within the playlist that's currently active in ChB.

If you want the newly highlighted playlist item to transition into the PGM player, you'll need to follow this RECUE command with a TAKE command.

12. Kiva Remote Control: Added RossTalk Receive Command: EJECT_PLAYLIST

A new RossTalk Receive command has been added to unload (EJECT) a Playlist that's currently loaded in the specified video channel, with the following syntax:

EJECT_PLAYLIST *channel*	Unloads (Ejects) Playlist that's currently loaded in *channel* (*see: "Example of EJECT_PLAYLIST Command" below*)

Examples of EJECT_PLAYLIST Command

EJECT_PLAYLIST A

While Playlist is loaded in ChB as (PVW) with ChA as (PGM): halts playout of the active Playlist but keeps the currently playing item in ChA (PGM) playing out.

To completely clear the Playlist from all playout channels, follow with another command:

EJECT_PLAYLIST A

— or —

EJECT A

13. Kiva Presenter App: Audio PVW Player: Unload and Transport Controls enabled

While the Audio PGM Player is "empty" (Unloaded), the Kiva Presenter app now enables the audio player "transport controls" so the audio clip in the Audio PVW Player can be played, re-cued, and unloaded.

14. Kiva Presenter App: Hot Key Editor multi-item selection to clear multiple Hot Keys

Allow multi-select in Hotkey Editor so multiple shortcuts can be cleared at the same time.

Multi-select is supported using Click, Shift+Click, and CTRL+Click in Description column; or drag-select anywhere in the table. After multiple items are selected, a "**Clear Shortcuts**" button appears; when clicked, the selected Hot Keys will be cleared.

15. Kiva Presenter App: Output Mode added in Global Settings

While the Kiva system is operating in an interlaced 1080i video standard, a new "Output Mode" button is now present in the **Global Settings** dialog that dictates the Output Mode of **Still** and **Video** clips when they are loaded into the PVW and PGM Video Players.

Details of the three settings:

- **Auto** (Default) Sets the Output Mode setting based on the Output Mode stored in the properties of the underlying .clip file (*discovered by "right-clicking" on the Video or Still Media Button and selecting the "Properties" item in the pop-up menu*).

- **Field VI** Sets the video output mode of **Video** and **Still** Media Button content to Field VI (Vertical Interpolator) when that Media Button is programmed with the "Auto" setting. Field VI output mode is useful for video clip content that has side-to-side motion and is being played at slower than 1X play speed.

- **Frame** Sets the video output mode of **Video** and **Still** Media Button content to Frame when that Media Button is programmed with the "Auto" setting. **Frame** output mode is useful for **Still** or motion **Video** graphic content that was originally rendered as **frame-based** content *without* interlace. For such content, the

Frame Output Mode will remove "interlace jaggies" along edges of graphics content.

16. Kiva Presenter App: Output Mode added in Media Editor

While the Kiva system is operating in an interlaced 1080i video standard, a new "Output Mode" button is now present in the **Media Editor** that dictates the Output Mode of **Still** and **Video** clips when that media is loaded into the PVW and PGM Video Players. When set to "Auto", this parameter will follow the Output Mode setting in the Global Settings dialog. When set to "Field VI" or "Frame", this parameter will *override* the Output Mode setting in the **Global Settings** dialog.

Details of the three settings:

- **Auto** (Default)   Sets the Output Mode based on the Output Mode setting in the **Global Settings** dialog; if that parameter is set to "Auto", then uses the Output Mode stored in the properties of the underlying .clip file (*discovered by "right-clicking" on the Video or Still Media Button and selecting the "Properties" item in the pop-up menu*).

- **Field VI**   Sets the Output Mode to Field VI (Vertical Interpolator) when the Still or Video media content is loaded in the PVW and PGM Video Players, which is useful for video clip content that has side-to-side motion and is being played at slower than 1X play speed.

- **Frame**   Sets the Output Mode to Frame, which is useful for **Still** or motion **Video** graphic content that was originally rendered as **frame-based** content *without* interlace. For such content, the **Frame** Output Mode will remove "interlace jaggies" along edges of graphics content when it's paused or stopped.

17. Kiva Presenter App: Audio Meter Scaling Changes

The Audio Meters in Kiva Presenter have had three changes made:

a) Audio Meters level scaling was adjusted to correct a 12dB offset with respect standard audio reference scaling.

b) Added new "**dBFS**" (*Decibel Full Scale*) audio level scale and scale label to Audio Meters.

c) Added new "**Gain**" label to existing audio level scales to Audio Meters.
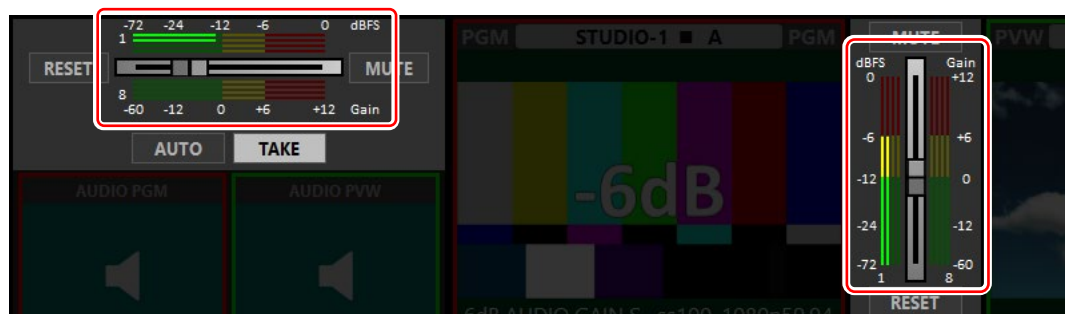
BUGS FIXED • (KIVA PRESENTION SERVER)

1. **File Import: Thumbnail & Proxy Video service slow to start**

   Thumbnail image and Proxy Video generation now starts immediately as soon as file import completes.

2. **File Import: Duplicate Proxy Video**

   Fixed issue where duplicate Proxy Video clips could be generated from the same underlying clip file.

3. **File Import: Photoshop (PSD) media file support**

   Fixed bug that prevented Photoshop files (.PSD) from being imported. These files now import.

4. **Kiva Presenter App: Rare Crash**

   Fixed app crash that was quite rare but happened most often while playing out Playlists of Stills.

5. **Kiva Presenter App: Audio paused in Audio PGM Player unexpectedly plays**

   When an audio clip is paused in the Audio PGM Player, loading a Playlist into the Video PGM Player caused the audio clip in the Audio PGM Player to resume playing.

VERSION 9.1.0 – (SKIPPED)

This version number was skipped.

VERSION 9.0.2 – AUGUST 2023

NEW FEATURES • (KIVA PRESENTION SERVER)

No New Features

BUGS FIXED • (KIVA PRESENTION SERVER)

1. **AMP Protocol: "Get Clip List" Command Broken**

   The AMP protocol command "Get Clip List" returned only one clip from the Clip Library, no matter how many clips are stored. This bug is now fixed.

2. **All Remote-Control Protocols**

   Improved command latency of video servers running in video standards below 30Hz.

3. **Tria Explorer App: Very Rare App Crash**

   When running a Playlist with a series of stills in a loop for several hours non-stop, the Tria Explorer App would eventually crash. This bug is now fixed.

ROSS

4. **File Import App: Video not Centered upon file import**

    When importing media files with a video aspect ratio that's different from the current operating video standard, the media file's video would not be 'centered' in the raster. This bug is now fixed, and the video is now centered in the raster.

5. **File Import App: Photoshop media files (.psd) do not import**

    When a still media file with the .psd file extension was imported, an error message resulted, and the file was not imported. This bug is now fixed.

6. **File Import App: Black frame added to end of clip**

    For media files created with certain video codecs, upon import of these media files an extra frame of black was added to the end of the clip. This bug is now fixed.

VERSION 9.0.1 – APRIL 2023

NEW FEATURES • (KIVA PRESENTION SERVER)

1. **Support clips longer than 24 hours**

    Increased maximum duration of SDI input recordings to go beyond 24-Hours and up to currently available media storage open space.

BUGS FIXED • (KIVA PRESENTION SERVER)

1. **File Import App: Importing MXF media files with VANC data Corrupts Video**

    Fixed an issue in which importing AVC-Intra MXF media files containing VANC data (such as Closed-Caption data) would sometimes corrupt video—resulting in "tearing" in the video image during playback.

2. **File Import App: MXF media files with VANC data Truncated after 5 Minutes**

    Fixed an issue in which importing AVC-Intra MXF media files containing VANC Closed-Caption data would have the Closed-Caption data truncated after 5-Minutes into the clip playback.

3. **Security Fix: Ethernet Port 8080 no longer has Remote Access**

    Fixed issue to restrict remote access to Ethernet port 8080.

VERSION 9.0.0 – APRIL 2023

NEW FEATURES • (KIVA PRESENTION SERVER)

1. **Software Licensing Feature**

    Added new feature that "keys" a new software license for the "Kiva Software Suite" to the Kiva+ motherboard serial number.

Learn more about the purpose behind this new software license.

2. **Support clips longer than 24 hours**

    Increased maximum duration of SDI input recordings to go beyond 24-Hours and up to currently available media storage open space.

3. **14-Tracks of Embedded Audio**

    Increased the number of embedded audio tracks from 8-tracks to 14-tracks.

4. **Kiva Presenter app: Drag-and-Drop Media Buttons directly into Media Players**

    In addition to the existing Media Button "single-click / double-click" paradigm to load media content into the Audio Players and Video Players, Kiva Presenter users can also "drag-and-drop" Media Buttons directly into the Audio PVW / Audio PGM / Video PVW / Video PGM Players.

    NOTE: Media Buttons can only be "dragged-and-dropped" into the Audio and Video Players of the same "Channel Pair" where the Media Button is located. In other words: it's not possible to drag-and-drop a Media Button that's located in **CHANNEL PAIR 1** into the Audio and Video Players associated with **CHANNEL PAIR 2** (and vice-versa).

5. **Kiva Presenter app: New Hotkeys to Unload PGM Players**

    Two new hotkey shortcuts are now available:

    - **CTRL**+**F1** = Unload Audio PGM Player
    - **SHIFT**+**F1** = Unload Video PGM Player

    NOTE: To duplicate the actions of the "Unload Buttons" you must execute these shortcuts twice in a row if the given PGM Player is actively playing media: the **first** shortcut execution will **halt** media **playback**; the **second** shortcut execution will **unload** the given PGM Player.

6. **Kiva Presenter app: Assign Hotkeys to Load Media Buttons into Players**

    It's now possible for the User to assign a custom "Hotkey" button-press sequence to any Media Button: "right-click" on desired Media Button; select "Assign Hotkey" item from the pop-up menu; and assign the desired (and unique) hotkey sequence into the QWERTY keyboard...

    When that "Hotkey" sequence is later executed, the Media Button associated with the hotkey sequence is immediately loaded into the Audio or Video Player in the CHANNEL PAIR associated with the Media Button.

    There are **two** additional dialog windows associated with this new Media Button hotkey feature:

    a) **Player Settings** – **Media Button Hotkey Action** (*Shortcut = **CTRL**+**P***)
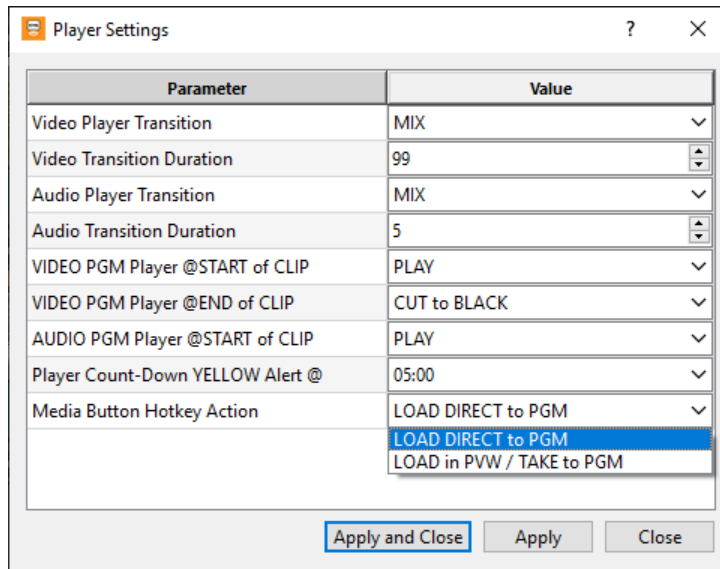
There are two possible settings:

- **LOAD DIRECT to PGM** = Executing the Media Button hotkey sequence will immediately load the Media Button directly into the Audio **PGM** Player or Video **PGM** Player—depending on the **type** of Media Button the hotkey sequence is assigned to:

    o **Audio** Media Buttons will load directly into the Audio **PGM** Player

    o **Video**, **Still**, and **Playlist** Media Buttons will load directly into the Video PGM Player

- **LOAD in PVW / TAKE to PGM** = The **first** execution of the Media Button hotkey sequence will immediately load the Media Button directly into the Audio **PVW** Player or Video **PVW** Player—depending on the **type** of Media Button the hotkey sequence is assigned to:

    o **Audio** Media Buttons will load directly into the Audio **PVW** Player

    o **Video**, **Still**, and **Playlist** Media Buttons will load directly into the Video **PVW** Player

    The **second** execution of the **same** Media Button hotkey sequence will then transition the media from the **PVW** Player and into the **PGM** Player.

b) **Hotkey Editor** – **Media Button Hotkeys** (*Shortcut =* ***CTRL+K***)
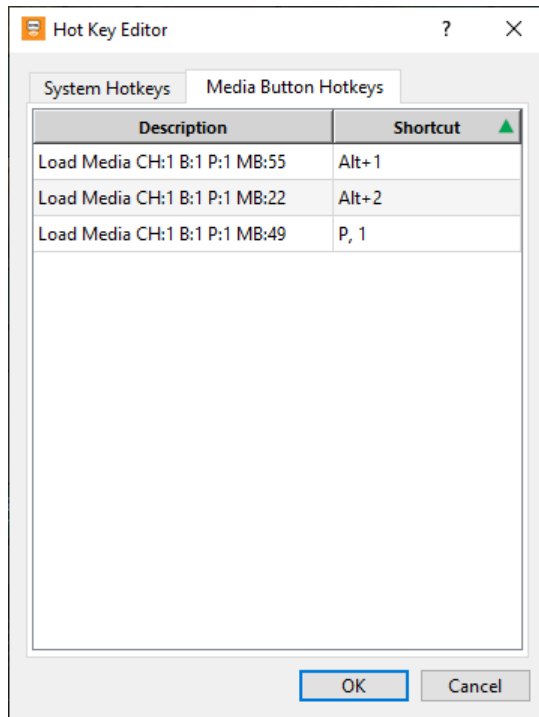
This dialog window allows you to review the hotkey assignments currently assigned to Media Buttons. You can also click in the "Shortcut" column to delete, erase, and/or assign a new hotkey sequence to the given Media Button listed in the "Description" column.

Reading the "Description" nomenclature:

- **CH:** = **Channel Pair #** on which the Media Button is located (1, 2, or 3)
- **B:** = **Bank #** in which the Media Button is located (1–6)
- **P:** = **Page #** in which the Media Button is located (1–14)
- **MB:** = **Media Button #** of the assigned Media Button (1–60)

7. **Kiva Presenter app: Add Kiva Services "Initialization" message in Status Bar**

If the Kiva services are restarted through any means while the Kiva Presenter app window is open—this will happen when particular parameters are changed within the Kiva Config app— the Kiva Presenter app window now displays a yellow-highlighted "***Initializing video cards: Oak***" message within the Status Bar located at the very bottom edge of the Kiva Presenter app window.

BUGS FIXED • (KIVA PRESENTATION SERVER)

1. **Kiva Presenter app: Proxy Video Generator Improvement**

Two improvements made:

- Adjusted service priority to only use CPU/GPU idle time to prevent interruptions to the operations of the Kiva Presenter app caused by the proxy video generator.

- Improved reliability of proxy video creation process

2. **Kiva Presenter app: Audio Players now remember "Last Audio Clip Played"**

So if Kiva Presenter app is quit during operations and then re-launched again, the audio clips that were playing in the Audio Players prior to the app quit will be visible in the Audio Players after the app re-launch (and when the same Session is selected after the app re-launch).

3. **Kiva Presenter app: Expanded Playlist Window covers "Channel Pair" buttons**

While the Playlist Editor or Playlist Monitor window is active, that window can be expanded by clicking the ⬇ button located at the bottom left corner of the window pane. In previous software releases, the top of the expanded Playlist window pane would cover up the CHANNEL PAIR buttons (these buttons exist only when 2- or 3-Channel Pairs are fitted in Kiva+) located immediately above the Playlist window pane. This bug is now fixed, and the CHANNEL PAIR buttons now remain in view and are accessible while the Playlist window pane is expanded.

4. **Kiva Presenter app: "User Input Dialog Windows" forced to foreground**

So they now don't get covered up by other dialog windows or by the Kiva Presenter app window and sub-windows.

5. **Kiva File Import app: Import of AVC-Intra MXF with VANC data can corrupt video**

Importing an AVC-Intra media file containing VANC data (such as Closed-Caption data) could sometimes cause corruption in the video data—resulting in "tearing" in the video image during playback. This bug is now fixed.

6. **Kiva File Import app: Import of AVC-Intra MXF with VANC data fails after 5 minutes**

Importing an AVC-Intra media file containing VANC data (such as Closed-Caption data) that is **longer** than 5 minutes would create a clip with VANC data truncated after the 5-minute point in the clip. This bug is now fixed.

7. **Security Bug Fix**

Ethernet Port 8080 can no longer be accessed remotely.

8. **Security Bug Fix**

Disabled Areca RAID Controller web server from being accessed remotely.

VERSION 8.3.2 – JANUARY 2023

NEW FEATURES • (KIVA PRESENTION SERVER)

1. **Media Button Load Behavior**

   Changed how Media Button content is loaded into PVW & PGM Players.

   THE WAY IT WORKED BEFORE: In previous V8.2.3 software, the PVW Player was loaded on the "mouse down" button click. While this provided very slightly faster Media Button load, it prevented "drag-and-drop" operations with Media Buttons (for example: drag-and-drop Media Button into an active Playlist *while* the Playlist is On-Air in PGM Player wasn't possible).

   THE WAY IT WORKS NOW: The Media Buttons are loaded into PVW Player with a complete "mouse down / mouse up" button click cycle. This now allows Media Buttons to be "dragged-and-dropped" into a given Playlist *while* the Playlist is on-air in the PGM Player.

BUGS FIXED • (KIVA PRESENTATION SERVER)

2. **AMP Protocol: Clip Library Listing caused system crash in "certain cases"**

   Fixed an issue in which clips that are named in certain ways would result in a Kiva system crash when the "Get Clip List" command was issued from AMP controllers.

VERSION 8.3.1 – AUGUST 2022

NEW FEATURES • (KIVA PRESENTATION SERVER)

   No New Features

BUGS FIXED • (KIVA PRESENTATION SERVER)

   No Bug Fixes

VERSION 8.3.0 – JUNE 2022

NEW FEATURES • (KIVA PRESENTATION SERVER)

1. **System: Optional Kiva+ 3-Channel System now Available**

   Added functionality to Kiva Presenter and Kiva Config apps to accommodate the new 3-Channel Kiva system.

2. **Kiva Presenter app: Undocking "CHANNEL PAIR 2" & "CHANNEL PAIR 3"**

   In a Kiva two-channel and three-channel system, within the Kiva Presenter app window, the **CHANNEL PAIR 2** tab and/or **CHANNEL PAIR 3** tab can be "Undocked" from the Kiva Presenter

app into its own "floating window", and then that window can be positioned onto a second and/or third computer display connected to the Kiva server's display card.

To Undock:

a) Click "**View**" menu item.

b) Click **"Undock CHANNEL PAIR 2"** and/or **"Undock CHANNEL PAIR 3"**

To Re-Dock:

a) Click ❌ on **CHANNEL PAIR 2** and/or **CHANNEL PAIR 3** window Title bar.

— *or* —

a) Click "**View**" menu item.

b) Click "**Redock CHANNEL PAIR 2**" and/or "**Redock CHANNEL PAIR 3**"

Hint For best viewing experience of Kiva Presenter windows, tap [F11] button on QWERTY keyboard; this **maximizes** the size of the Kiva Presenter window, and provides the best view of Media Button thumbnails on a Page of Media Buttons. ALT+TAB on QWERTY will swap windows.

3. **Kiva Presenter app: Proxy Video Not Ready – Open in VIDEO PVW Player dialog**

After importing a video media file and quickly assigning that clip to a VIDEO Media Button, the proxy video for that Media button will be underway. If an attempt is made to open that VIDEO Media Button in the Media Editor while the proxy video is still being built, a new dialog now appears—to allow that video media to be opened directly in the **Video PVW Player**—instead of opening the proxy video in the Media Editor.

This helps eliminate a former roadblock during pre-production operations, in which it was impossible to edit video content in the Media Editor while the proxy video is being built.

If an attempt is made to open a VIDEO Media Button in the Media Editor while the proxy video is being built, a new dialog appears as follows:
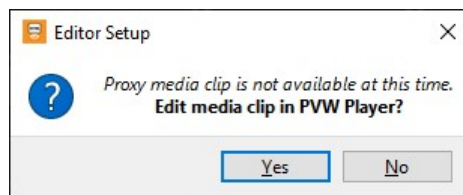
When the **Yes** button is clicked, the video content will be loaded into the **Video PVW Player** and used by the Media Editor for editing that content.

NOTE: After proxy video is successfully built for a given VIDEO Media Button, this dialog will **not** appear; instead, the proxy video contents for the VIDEO Media Button will be loaded into the Media Editor, without occupying the Video PVW Player.

9. **Kiva Presenter app: Lock Media Button during Modify, Playlist Functions, and Recording**

When a given Media Button is opened in the Media Editor, Playlist Monitor, Playlist Editor, or Record Monitor, that Media Button position is now "locked" to prevent unintended movement of that Media Button during any of these operations.

10. **Kiva Presenter app: Organizer Mode Enhancements – Cut/Copy/Paste between CH PAIR, BANKS, PAGES**

New functionality added to allow Media Buttons to be easily cut/copied/pasted between Organizer Clipboards associated with each video channel pairs. For example, the User may now copy one or more Media Buttons from CH-1 PAIR to CH-2 PAIR, or vice-versa.

11. **Kiva Presenter app: Multiple Media Button selection while Playlist Editor is active**

New "multiple Media Button item selection" can be used to insert/append multiple Media Button items into a Playlist while the Playlist Monitor is active.

12. **Kiva Presenter app: Organizer Mode auto-activate & auto de-activated when Playlist Editor is active & de-activated**

To make copying Media Buttons to the Playlist much easier, whenever the Playlist Editor is activated, the Organizer Mode "grid" is now automatically activated to accommodate the new "multiple Media Button item selection" that can be used to insert/append multiple Media Button items into a Playlist.

13. **Kiva Presenter app: Organizer Mode "White Grid" color change to "Bright Gray Grid"**

The color of the "white grid" (which appears around all Media Buttons while Organizer Mode is active) has been changed to a "bright gray" to provide better contrast with the "cyan" highlighter color that denotes "selected" Media Buttons.

BUGS FIXED • (KIVA PRESENTATION SERVER)

1. **System: AVC-Intra Encoder Improved to remove visible artifacts on certain imported media files**

Fixed an issue with the AVC-Intra encoder that sometimes cause visible artifact errors in clips imported from certain media files.

2. **System: Functional hang-up after deleting .clip files via Kiva Presenter app and via remote control interfaces.**

In rare cases under very particular conditions, deleting a .clip file via the Kiva Presenter app or from remote control interfaces would then cause the controlling app to "functionally hang"; the only remedy was to quit and re-start the controlling app. This bug is now fixed.

3. **System: Remote Control Errors**

Certain commands received via Ethernet control would cause errors when controlling a video channel transport in Kiva.

4. **Kiva Presenter app: Still Duration not obeyed in Playlists built prior to V8.2.1 software**

This issue normally does not present itself. And this issue ONLY affects Playlists built **before** installing V8.2.1 software. Any Playlist built with V8.2.1 (or later) software will **not** be affected by this issue!

For these older Playlists that contains STILL Media Buttons: if the "Still Duration" is modified, that "Still Duration" value could be ignored, and the STILL items played for only a few frames (equal to the MIX Duration) when the Playlist is presented in the Video PGM Player. And this will happen every time the affected Playlist is presented / played out.

This bug is now fixed for these old Playlists.

5. **Kiva Presenter app: Playlists containing "missing items" now skips those items**

When a Playlist contains "missing items" (items in which the underlying clip files were either re-named, deleted, or moved to another folder), the Playlist playout would halt on the missing item(s). This bug is now fixed.

6. **Kiva Presenter app: "White Grid" incorrectly appears when Playlist is playing "On-Air" on 2-Channel system.**

While a Playlist is being presented On-Air, the "white grid" around the Media Buttons would sometimes be displayed when they shouldn't be.

7. **Kiva Presenter app: Organizer Mode "White Grid" does not appear on all CH-Pairs**

Fixed a bug that caused the "white grid" to not appear on all channel pairs.

8. **Kiva Presenter app: Playlist Recovery at Session Load**

An important feature of the Kiva system: the Kiva Presenter app can be QUIT and then RE-LAUNCHED *without* affecting any of the active playback or record operations currently underway in any of the audio / video channel players.

When Kiva Presenter is re-launched and the session previously in use is loaded again, the state of all the widgets and active functions in the Kiva Presenter app are also now restored—including: the most-recently-used Channel Tab, Media Button Bank, Media Button Page, state of the AUTO transition button, the audio meter MUTE buttons, and the audio gain slider position.

9. **Kiva Presenter app: Organizer Mode Drag-and-Drop "Select" mechanism**

While the Organizer Mode is active the Kiva User first had to "select" a Media Button ("click down + click up") before being able to drag-and-drop that Media Button elsewhere. This bug was fixed so the user can now just "click down" and then drag the selected Media Button.

10. **Kiva Presenter app: Organizer Mode Activation/Deactivation on 2 Channel Pairs**

Fixed but that caused the Organizer Mode to sometimes *not* deactivate properly on the "other" channel pair when deactivated on "this" channel pair.

11. **Kiva Import app: Failure to 'close' MXF media file after import during "native" codec import**

This bug would leave the source MXF media files "open" from the file system point of view, preventing other applications from moving, deleting, re-naming, or otherwise altering the source media files after they were imported. This bug is now fixed.

VERSION 8.2.4 – JUNE 2022

NEW FEATURES • (KIVA PRESENTION SERVER)

1. **System: Windows Security Patch**

Added work-around security patch for [Microsoft Windows CVE-2022-30190](#).

VERSION 8.2.3 – FEBRUARY 2022

NEW FEATURES • (KIVA PRESENTION SERVER)

1. **System: RossTalk RECEIVE Commands**

Added new feature to support RossTalk protocol "receive" commands via Ethernet to control video channels in the Kiva presentation video server.

2. **System: VANC record and play in 720p & 1080p video standards**

Expanded the ability for record and playback of VANC data contained within the SDI video I/O pathways **in 720p and 1080p video standards**—so VANC data such as closed-captioning, HDR flags, etc. are preserved during base-band record and playback on the SDI video I/O pathways.

3. **Kiva Import app: Updated MXF Media File Libraries to latest version**

These updated MXF libraries improves handling of MXF media files during Import and Export operations when the MXF contains native video codec essence.

BUGS FIXED • (KIVA PRESENTATION SERVER)

1. **System: Erroneous Error Messages about assigning RS422 to a Video Channel**

Fixed an issue in which erroneous error messages would appear asking the User to assign an RS422 port to a video channel.

2. **Kiva Import app: Media Files Imported with "Frame of Black" at Start or End of .clip file**

   Fixed an issue with the Media File Import app (using FFmpeg libraries) when importing certain content that caused a frame of Black to be included at either the start or end of the imported .clip file.

3. **Kiva Import app: Media Files Imported with "Audio Glitches" in .clip file**

   Fixed an issue that caused "audio glitches" when importing media files containing audio with a 44.1kHz sample rate.

4. **Kiva Import app: Media Files Imported with Incorrect Aspect Ratio**

   Fixed an issue with the Media File Import app (using FFmpeg libraries) when importing media files with an aspect ratio different from the currently active video standard. The File Import app now anchors video into upper-left corner, instead of resizing it.

5. **System: AMP Protocol – Root folder now called "Default" in command replies**

   Some external third-party applications require this exact name for the 'root folder' (a.k.a. "H:\Video" folder) in order to function properly.

6. **System: AMP Protocol – Received Command "No Reply"**

   Fixed an issue in which received AMP protocol commands sometimes resulted in 'no reply' to the external controlling device.

7. **System: AMP Protocol – Record Cue Command when used with 'long' clip name**

   Fixed an issue where the AMP protocol RECORD_CUE command would fail when a 'long' clip name was specified with the command.

VERSION 8.2.2 – (SKIPPED)

This version number was skipped.

VERSION 8.2.1 – NOVEMBER 2021

NEW FEATURES • (KIVA PRESENTION SERVER)

1. **Renamed "Abekas Kiva" app to now be "Kiva Presenter".**

2. **Media Editor Proxy Video Player**

   STILL and VIDEO Media Buttons can now be opened in the Media Editor _without_ occupying or interrupting the VIDEO PVW Player.

3. **Active Thumbnails on Video Media Buttons**

   Optionally plays the underlying video content within the Video Media Button thumbnail.

IMPORTANT NOTES for PROXY VIDEO Thumbnails & Proxy Video Player in Media Editor

A. *If there is a large number of media stored and assigned to Media Buttons in your Kiva server, it will take quite a bit of time for the proxy video clip to be generated after installing the V8.2.1 software into your Kiva server.*

*Depending on the number of motion video clips, it make take **several hours**—or even **one or two days** to construct all the proxy video clips.*

*Until all proxy video clips are generated, you may see the following error message when attempting to open a **VIDEO Media Button** in the **Media Editor**:*

This is expected behavior, until after all proxy video clips are built.

B. *Immediately after importing motion video clip media files and assigning that media to a **VIDEO Media Button**, or after recording a new clip to a new **VIDEO Media Button**, you may see the same error message (shown above) when attempting to open these **VIDEO Media Buttons** in the **Media Editor**. This is normal and expected.*

*If this happens, wait another minute or two, and try opening the VIDEO Media Button again. **Rule of thumb**: the amount of time to build the proxy video clip is roughly equal to the duration of the source motion video clip itself.*

C. *In the next Kiva software release, we will be making improvements to accelerate the "proxy video clip building process"—which will then reduce the likelihood of getting this error message when attempting to open VIDEO Media Buttons in the Media Editor.*

4. **Improved Session Manager**

Now includes ability to 'Copy | Delete' previously saved Sessions. *Removed* QWERTY keyboard shortcut to invoke Session Manager (CTRL+S), since that's now reserved for 'Save' operations.

5. **"Session Name" now appears in Logo Panel**

The currently active Session Name appears below the "Ross" and "Kiva" logos in the Logo Panel at the upper right of Kiva Presenter.

6. **QWERTY Control of Audio Level Faders**

Keyboard "UP-DOWN" Arrow Buttons control Audio Fader Level in the VIDEO PGM Player; "LEFT-RIGHT" Arrow Buttons control Audio Fader Level in the AUDIO PGM Player in the Kiva Presenter app.

7. **Count-Down Timers Text/Background Colours Swap**

In the VIDEO|AUDIO PVW+PGM PLAYERS, the "Green" count-down timer colours (*for the timecode numerals and formerly **green background***) have been "swapped"—so now the "Green" count-down timer appearance is much more subtle (*and yet still quite visible*).

The goal of this change was to make the 'switch-over' from the "Green" count-down to the "Yellow" count-down be MUCH more noticeable—and this switch-over now attracts the User's attention much more reliably!
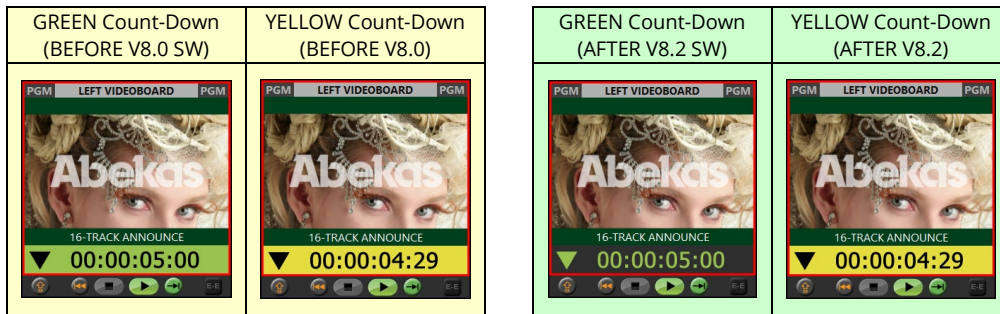

8. **Change of Behavior for "Unload" buttons in AUDIO & VIDEO PGM Players:**

- IF audio/video clip is actively PLAYING:
    - o 1X CLICK of **UNLOAD** (⬆) = **PAUSE** Playback of Audio/Video clip
    - o 2X CLICK of **UNLOAD** (⬆) = **PAUSE** Playback then **UNLOAD** Audio/Video clip
- IF audio/video clip is PAUSED/STOPPED:
    - o 1X CLICK of **UNLOAD** (⬆) = **UNLOAD** AUDIO PGM Player/VIDEO PGM Player

9. **Unloaded AUDIO and VIDEO Players now Hide Timecode Display**

To make it more **obvious** that a given player is "unloaded" (no media loaded), the timecode display is now completely hidden:
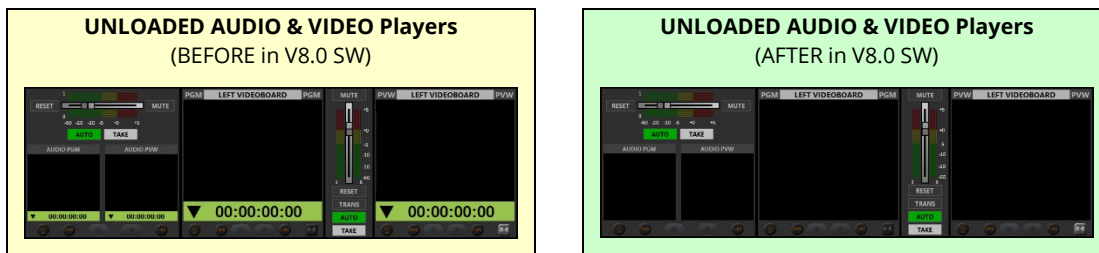
10. **Common Timecode Format in all Widgets**

The appearance of <u>all</u> timecode values displayed throughout the Kiva Presenter user interface now has the same format, as dictated by the "Timecode Display Format" parameter in the "Global Settings" menu.

11. STILL Media Button Improvements

Including…

   a. Added PLAY DURATION Parameter to STILL Media Button

   b. STILL Media Buttons now playout with defined duration during load and playout operations, and when playing as an item in a Playlist.

   c. When a STILL Media Button is opened in the **Media Editor**, added ability to set "Still Playout Duration" value:
   - Double-Click on the **Duration** timecode (which then becomes an 'entry field').
   - Type new "still playout duration" timecode value
   - Tap ENTER

12. Playlist Improvements

Made to Playlist Editor and Playlist Monitor, including…

   a. Added "PLAY DURATION Column"

   b. Added new RIGHT-Click Pop-Up menu item "Play Duration" to define STILL Playout Duration for STILL items in Playlist; and allow 'on-the-fly' duration changes to upcoming items in the Playlist during playlist playout in VIDEO PGM Player

   c. Added multi-item select: Hold down CTRL / SHIFT and mouse click now allows selection of multiple items in the **Playlist Editor** and **Playlist Monitor**

   d. When creating a STILL Media Button from a motion video clip, the Media Editor now works better to select the desired STILL image from the video clip; just mark **IN**.

13. SEARCH Feature

Added to "**Select Media Clips**" dialog Window to find ingested media clips much more easily.

14. SEARCH Feature

Added to "**Media Button Pages**" to find previously assigned Media Button content much more easily, across all Banks and Pages.

15. Transport Control Focus for QWERTY Keyboard Shortcuts

While Media Editor sub-panel is open, the QWERTY Keyboard Shortcut controls the player in the Media Editor. When this sub-panel is closed, the QWERTY Keyboard Shortcut controls the VIDEO PGM Player (and while a video clip is loaded in the VIDEO PGM Player).

16. "As Run Log"

New "As Run Log Formatter" app, to filter and create either an CSV or PDF "Video Server AsRun Log Report" document, generated from a play log automatically generated for the previous month's Video and Audio Player's playout.
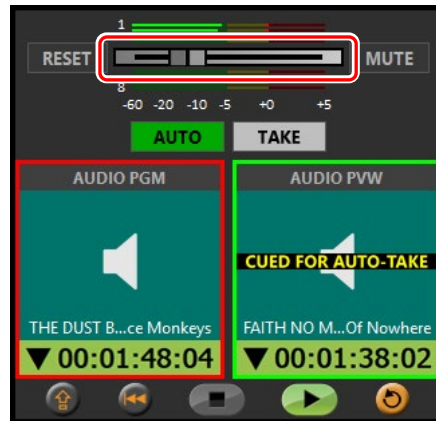
(START Menu) ➜
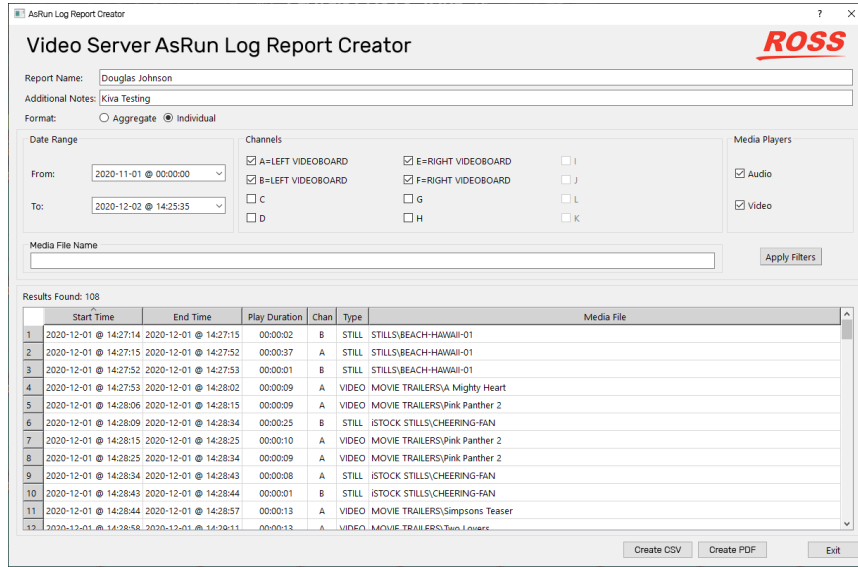
17. QWERTY Keyboard Shortcuts
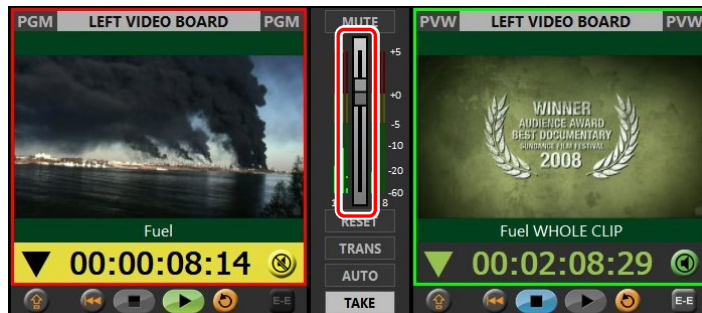
Added following keyboard shortcuts for **these controls** :

Volume Controls

• AUDIO PGM Player

Volume Controls

• VIDEO PGM Player

JOG Controls

• VIDEO PGM Player

• Media Editor

REW | FFWD Controls
• VIDEO PGM Player
• Media Editor

STOP | PLAY Controls
• VIDEO PGM Player
• Media Editor

CHANNEL PAIR Select
• CHANNEL PAIR 1
• CHANNEL PAIR 2

18. New Global Settings Parameters

The parameters are now enabled, and default settings are now more sensible…

a)   Still Media Button Default Play Duration (default "play duration" assigned to newly created Still Media Buttons)

b)   Timecode Display Format (affects all timecode displays in Kiva Presenter)

c)   Video Media Button Thumbnail Play ON/OFF (enables/disables thumbnail play)

d)   Video Media Button Thumbnail Play Delay (when thumbnail play begins after mouse hover)

Parameter	Value
Video Clip Thumbnail Frame	CUSTOM FRAME
Thumbnail Custom Frame Number	00,00,01,00
Still Media Button Default Play Duration	00,00,05,00
Timecode Display Format	HH:MM:SS:FF
Video Media Button Thumbnail Play	ON
Video Media Button Thumbnail Play Delay	0.25s
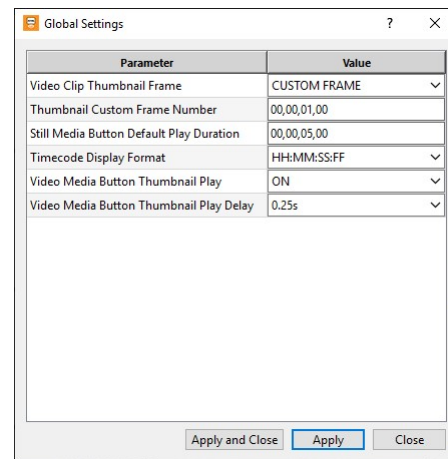
19. Player Settings Dialog: Verbiage Changes for better clarity

The parameters and default settings are now more sensible…

a) **Player Settings Dialog**: Parameter "VIDEO PGM Player @END of CLIP = CUT to BLACK" is now operational. With this setting selected, the VIDEO PGM Player will unload the clip at end of play, and "Cut to BLACK" in the VIDEO PGM Player.

b) **Player Settings: New "AUDIO PGM Player @START of CLIP" parameter**: Determines whether or not an Audio Media Button will automatically play when taken to AUDIO PGM Player.

Parameter	Value
Video Player Transition	MIX
Video Transition Duration	15
Audio Player Transition	CUT
Audio Transition Duration	5
VIDEO PGM Player @START of CLIP	PLAY
VIDEO PGM Player @END of CLIP	CUT to BLACK
AUDIO PGM Player @START of CLIP	PLAY
Player Count-Down YELLOW Alert @	15:00

c) **New "Player Settings" User Preferences:** TIME at which Count-Down YELLOW alert appears now includes additional time settings (in Seconds):
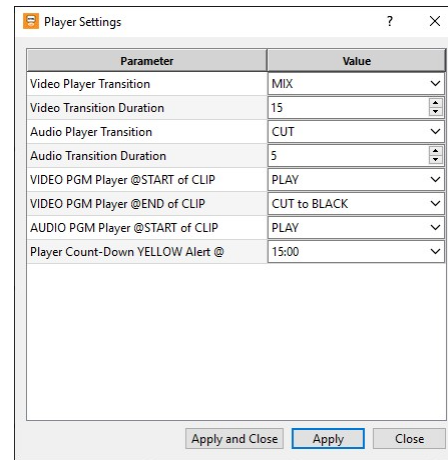
- 5:00 (Default)
- 10:00
- 15:00
- 20:00
- 25:00
- 30:00

20. Media Recorder Improvements

Several enhancements added to make RECORDING operations smoother and more intuitive. Renamed the recording sub-panel as "**Media Recorder**".

21. New ability to open Media Button Organizer, Media Editor, Media Recorder, and Playlist Editor/Monitor at same time
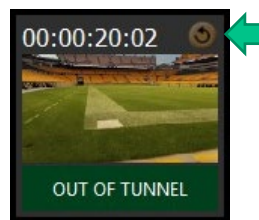
For better operational flexibility, all these "sub-panels" can be opened at the same time in the Kiva Presenter app; stacked on top of each other.

22. VIDEO Media Button "LOOP=ON" Indicator

When **LOOP ON** flag is programmed into a VIDEO Media Button, a "Loop indicator" now appears in the Media Button banner at upper right...
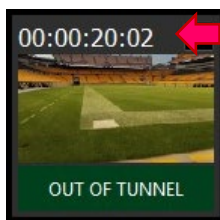
Loop Flag = **OFF**

Loop Flag = **ON**

23. Media Marking – Reset Individual Media Button "Played" status

While the Media Marking feature is enabled, any Media Button that has been "played" in the PGM Player will be "dimmed" (*to 'mark' it as being 'played'*)…

A new **Reset Media Mark** feature allows the 'played status mark' to be 'reset' on an individual media button:

a) **RIGHT-Click** the **dimmed** Media Button

b) Select **"Reset Media Mark"** item in pop-up menu:

Dimmed Media Button will brighten up again.
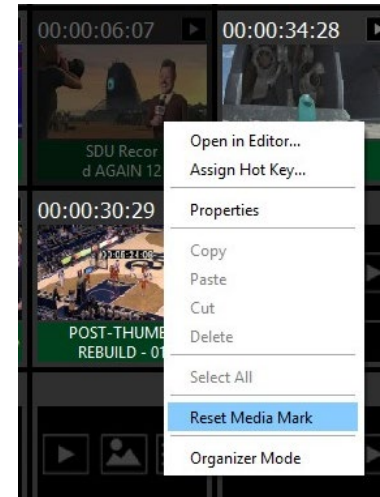
24. "Quit & Relaunch" Kiva Presenter app now remembers Players State

If the Kiva Presenter app is Closed/Quit and then relaunched again with the same Session while playing content in the audio and video players, the BANK, PAGE, and Media Button 'red-and green' button highlighters are now remembered—making it easier to navigate back to the current BANK and PAGE for the content that's currently loaded and playing in the audio and video players.

### 25. AUTO-TAKE with BLACK (unloaded) in VIDEO PVW Player

This operation now properly transitions BLACK from PVW to PGM.

26. VANC record and play in 1080i video standards

Added ability for record and playback of VANC data contained within the SDI video I/O pathways **in 1080i video standards**—so VANC data such as closed-captioning, HDR flags, etc. are preserved during base-band record and playback on the SDI video I/O pathways.

27. "Looping" attribute added to Properties Dialog window

To indicate if the LOOP=ON flag is set for the given STILL / VIDEO Media Button:
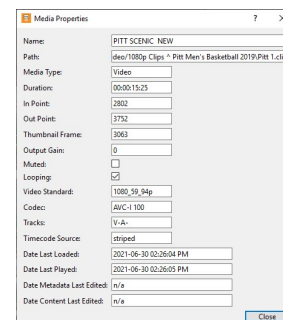
BUGS FIXED • (KIVA PRESENTATION SERVER)

1. Player Settings and Global Settings dialog fixed

Items with "pull-down" widgets wouldn't remain 'exposed' when clicked. Widgets now remain 'exposed'.

2. **AUTO-TAKE Fails when VIDEO PVW PLAYER = Live EE**

   AUTO-TAKE now works for Live EE.

3. **Media Editor "Still Duration" Entry**

   ENTER button would not complete data entry.

4. **Edit Menu "Arrange Pages" item Grayed Out**

   This item can now be selected to invoke the "Organizer Mode" with the "Arrange Pages" dialog opened.

5. **STILL Media Button played in VIDEO Players "FRAMES" timecode value is stuck at "00"**

   These timecode digits now count down during playout of a STILL Media Button.

6. **TAKE button action while Media Editor | Playlist Editor is ACTIVE**

   Formerly resulted in BLACK transitioning into VIDEO PGM Player. With new Proxy Video in Media Editor, this bug is eliminated.

7. **Audio Crossfade in VIDEO Players and AUDIO Players**

   Fixed a bug that prevented proper audio crossfading between PVW>PGM when any TAKE operation is performed.

8. **Audio Gain Control in VIDEO Players and AUDIO Players**

   Fixed a bug causing audio gain to be mis-calibrated with respect to the audio gain slider control.

9. **Change to Audio Gain Control in AUDIO Player**

   Incorrectly reset Audio Gain in VIDEO Player.

10. **Audible 'Glitch' heard in Analog Audio Output**

    Bug Fixed.

11. **Error Message while AUTO button enabled in AUDIO PLAYERS**

    With the AUTO transition button enabled, the AUTO-TAKE operation would sometimes cause a "PVW>PGM transition error" with error message: "**Command pre-empted by some other controller**". Now fixed.

12. **PGM+PVW VIDEO PLAYER "Labels"**

    Reduced text size to accommodate *descending* lower-case characters.

13. **Playlist Editor and Playlist Monitor bug fixes, including…**

    a. **Playlist Editor**: Unexpectedly "closed" Playlist Editor when performing certain TAKE operations between PVW-PGM Video Players.

    b. **Playlist Editor**: After making changes and clicking SAVE button, closing the Playlist Editor erroneously invoked the "Save Playlist Changes?" dialog.

c. **Playlist Editor "Save As" does not save Playlist to new, blank Playlist Media Button**: Now works.

d. **When ON-AIR Playlist reaches END, impossible to LOAD anything else in PVW**: Now fixed, by automatically unloading the VIDEO PVW Player at end of Playlist playout.

e. **Playlist Editor lacks "Organizer Mode's" WHITE highlighting**: Bug prevented *multiple* Media Buttons to be added to a Playlist.

f. **Playlist ON-AIR in PGM**: While 'drag-n-dropping' items and/or RIGHT-Clicking an item in Playlist Monitor, the 'Playlist Monitor REFRESH' is now paused, so you don't "lose your place" within the Playlist.

g. **Playlist Monitor/Editor: "cyan-coloured item highlighter" when RIGHT-Clicked**: This highlighter is now preserved when "RIGHT-Click Pop-Up" dialog window appears.

h. **EXPANDED Playlist Monitor during ON-AIR operation:** Used to ignore QWERTY control shortcuts. These now work.

i. **User-Saved Audio Level Gain ignored in Playlist playout:** Used to ignore the user-set audio gain values programmed into Video Media Buttons when included and played out from a Playlist. Now works.

j. **Improved Transitions for STILL items during Playlist playout:** Fixed bug that sometimes caused MIX transitions of STILL items from PVW to PGM to be "stuttery".

k. **Truncated/Corrupted Playlist:** Fixed bug that sometimes caused playlist items of a PLAYLIST Media Button to be removed upon a SAVE operation.

14. Organizer Mode Bug Fixes:

a. When Organizer Mode is first activated from Player Mode, the "WHITE Grid" does not always appear as it should.

b. Organizer Mode "Arrange Pages" operation with active BANK/PAGE causes Media Buttons to disappear: Now fixed.

15. "Very FAST Double-Click" on VIDEO/STILL Media Button

Did not transition that media into PGM VIDEO Player. Now fixed.

16. "Very FAST Double-Click" on VIDEO/STILL Media Button

Would sometimes incorrectly "unload" PGM VIDEO Player. Now fixed.

17. Media Button loaded in PGM cannot be loaded into PVW

This is now supported.

18. BANK & PAGE buttons edges RED & GREEN "Loaded in PVW & PGM Highlighters" bugs fixed:

a. The "Ch Pair 2" highlighters were erroneously mirrored from the "Ch Pair 1" status.

b. The incorrect edges of the BANK and PAGE buttons were sometimes being highlighted.

19. **While RECORDING is active these bugs are now fixed:**

   a. **TAKE** button would Halt RECORDING. TAKE button is now disabled during recording.

   b. **Load into PVW**: clicking any Media Button while recording is underway now prompts the Kiva Presenter User to either Halt recording or Cancel media button load into PVW.

20. **Improved "Scrub Control" in Media Editor**

   The scrubbing action is now much 'smoother' than before—and less 'stuttery'.

21. **Incorrect Duration in Video Media Button banners**

   Bug fixed which sometimes caused the displayed duration in the Video Media Button banner to be incorrect.

22. **Media Editor Mark OUT before IN**

   Bug fixed to automatically clear a marked IN point if the OUT point is set to a value <u>before</u> that marked IN point.

23. **Audio Player and Video Player audio out of sync**

   Bug fixed that caused the audio playback to be 'out of sync' with each other in the AUDIO PGM Player and VIDEO PGM Player after changes are made to the Kiva Config app while Kiva Presenter app is running.

24. **"CUED FOR AUTO-TAKE" indicator in PVW Player bug fixes:**

   a. While live EE is active in VIDEO PVW Player, the indicator would not appear when PVW is **manually** cued for AUTO-TAKE

   b. While live EE is active in VIDEO PVW Player, the indicator would not appear when PVW is **automatically** cued for AUTO-TAKE (while **AUTO** button is enabled)

25. **Kiva Presenter app crash**

   When saving a recording that wasn't started (empty recording). Bug fixed.

26. **Keyboard shortcut for Video Player TAKE function**

   Is now operational for <u>both</u> ENTER buttons on a 101-key QWERTY keyboard. Formerly, the main ENTER button would not activate TAKE.

27. **Audio MUTE and RESET Logic Fixes**

   Repaired an issue in which MUTE and RESET buttons on the audio gain controls would not properly interact in the Kiva Presenter app.

28. **Tab Order Repaired**

   In several dialog windows in the Kiva Presenter app, the position of the mouse cursor when tapping the TAB button on QWERTY keyboard would be "out of order".

29. Kiva Config App Audio Router tab

Cleaned up sub-tabs to remove unneeded sub-tabs.

VERSION 8.2.0 – (SKIPPED)

This version number series was skipped.

VERSION 8.1.0 – (SKIPPED)

This version number series was skipped.

VERSION 8.0.0 – NOVEMBER 2020

NEW FEATURES • (KIVA PRESENTATION SERVER)

1. **New Product Release to Factory**

V8.0.0 is the first software release version for Kiva, which aligns the software version numbering with the range of Ross video server products — including Tria and Mira products.

KNOWN ISSUES

VERSION 9.3.1 – SEPTEMER 2024

No Known Issues

VERSION 9.3.0 – AUGUST 2024

1. **Quad Viewer SDI OUT set to new "Count-Down" Display**

   This feature is not fully completed. The following issues will be experienced:

   a. While presenting contents from a PLAYLIST Media Button **without** Playlist Loop:

   - When STILLS Media with DURATION are in the Playlist, the DURATION in the Quad Viewer Count-Down display will indicate an incorrect duration of "0.01" in the PVW Player and "0.00" in the PGM Player

   - When VIDEO Media with trimmed IN and/or OUT points are included in the Playlist, the DURATION in the Quad Viewer Count-Down display will indicate an incorrect duration of the "total clip duration" instead of the "trimmed clip duration" in both the PVW Player and PGM Player.

   - When the FINAL item in the Playlist transitions into the VIDEO PGM Player, the Quad Viewer SDI-OUT Count-Down display reverts to "timecode count-up" display.

   WORK-AROUND

   ✓ None.

VERSION 9.2.4 – JULY 2024

No Known Issues

VERSION 9.2.3 (SKIPPED)

This version number was skipped.

VERSION 9.2.2 – JUNE 2024

No Known Issues

VERSION 9.2.1 – MARCH 2024

No Known Issues

VERSION 9.2.0 – NOVEMBER 2023

No Known Issues

VERSION 9.1.0 (SKIPPED)

This version number was skipped.

VERSION 9.0.2 – AUGUST 2023

No Known Issues

VERSION 9.0.1 (SKIPPED)

This version number was skipped.

VERSION 9.0.0 – APRIL 2023

1. **Kiva Presenter Audio Meters display only 8-Track Audio**

   Even when the new 14-Track Audio is enabled, the Audio Meters in the Kiva Presenter app will only display 8-Tracks of audio. This will be remedied in a future software release. It should be noted the Audio Meters in the Quad Viewer HD-SDI OUT will display 14-Tracks of audio.

VERSION 8.3.2 – JANUARY 2023

No known issues.

VERSION 8.3.1 – AUGUST 2022

No known issues.

VERSION 8.3.0 – JUNE 2022

No known issues.

VERSION 8.2.4 – JUNE 2022

No known issues.

VERSION 8.2.3 – FEBRUARY 2022

1. **Missing Video Panes in DashBoard V9.5 and above**

    Video panes will not appear in a DashBoard panel running on the Kiva video server itself. If the DashBoard app software version is V9.4 or below, the video panes operate properly.

VERSION 8.2.1 – NOVEMBER 2021

1. **Still Duration not obeyed in Playlists built prior to V8.2.1 software**

    This issue normally does not present itself. And this issue ONLY affects Playlists built **before** installing V8.2.1 software. Any Playlist built with V8.2.1 (or later) software will **not** be affected by this issue!

    For certain Playlists that contains STILL Media Buttons and if the "Still Duration" is modified, that "Still Duration" value could be ignored, and the STILL items played for only a few frames (equal to the MIX Duration) when the Playlist is presented in the Video PGM Player. And this will happen every time the affected Playlist is presented / played out.

    WORK-AROUND #1

    - **Rebuild Playlist**: Open the Playlist in the **Playlist Editor**, and REMOVE the affected STILL Media Button items from the Playlist...

   Then ADD the STILL Media Buttons back into the Playlist.

      SAVE these changes afterward.

    WORK-AROUND #2

    - **Edit Playlist HTML**: You may edit the underlying "*.playlist*" file within the Windows **Notepad** app, changing the <atend> flags for the affected STILL items in the Playlist:

      a) Note the **name** of the affected **Playlist** Media Button in **Kiva Presenter**.

      b) Launch the Windows **File Explorer** app; and navigate to "**H:\Video**" folder (*or sub-folder below that, if the Playlist was saved there*).

      c) Locate the "**filename.*playlist***" HTML file [using **filename** noted in step (a) above], and RIGHT-Click on that "*.playlist*" file.
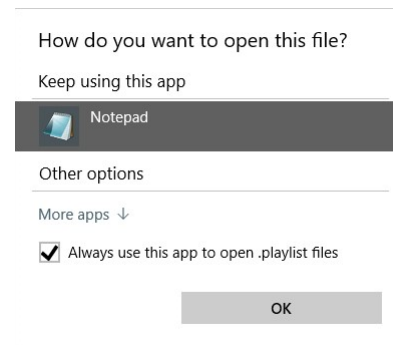
      d) From the pop-up menu that appears:

- Click "**Open with...**" item:
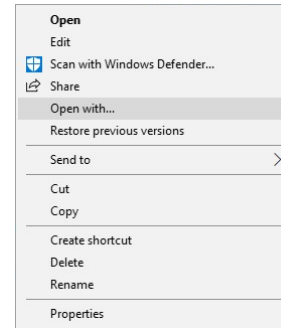
...and the following dialog appears:
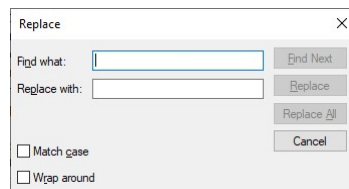
Perform the following steps:

- Ensure **Notepad** app is highlighted / selected.
- **Checkmark** the checkbox:

    Always use this app to open .playlist files

- Click **OK** button

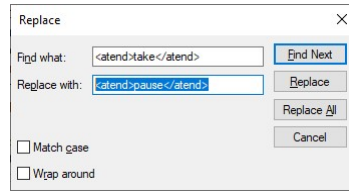The **.playlist** HTML file opens in **Notepad**, similar to this:

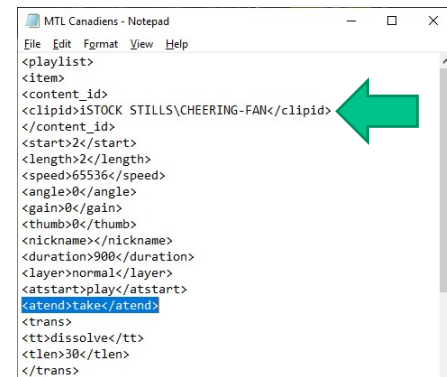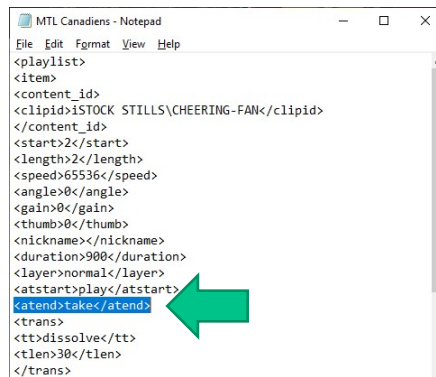e) Press **CTRL**+**H** on QWERTY keyboard; the **Replace** dialog opens:

f) Type the following information in the two entry fields:

- ▪ "**Find what:**" entry field: **<atend>take</atend>**
- ▪ "**Replace with:**" entry field: **<atend>pause</atend>**

g) Click the **Find Next** button in the **Replace** dialog window…

- The first instance will be found.
  *(highlighted in **blue**)*

- Confirm **Clip ID** of affect STILL.
  *(12 lines **above** highlighted item)*

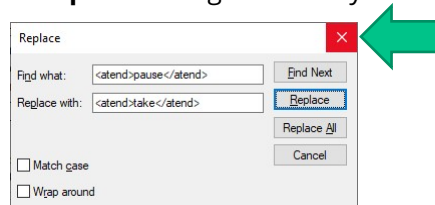h) If this **is** the Clip ID for one a STILLs that does **not** obey the "Still Duration" value:

- Click *Replace button* in **Replace** dialog window.
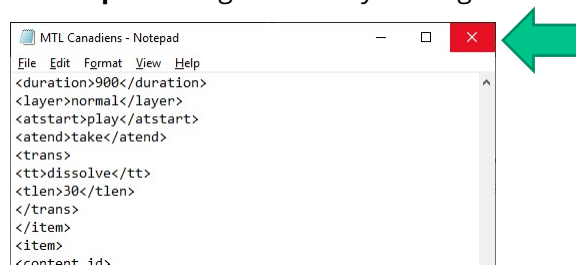
If **not**:

- Click **Find Next** button.

i) Repeat steps (**h**) and (**i**) above until all affected STILLs have had the <atend> flag changed to the "pause" state.

j) Close the **Replace** dialog window by clicking the **X** button:

k) Press **CTRL** + **S** on QWERTY keyboard to SAVE the changes.

l) Close the **Notepad** dialog window by clicking the **X** button:

m) In the **Kiva Presenter** app, load and play the affected **Playlist Media Button**. The playlist should now play with the STILL items obeying the Still Duration values defined in the Playlist.

2. **Burn-In Timecode Overlay during EE & Record**

When the **Kiva Config** app has the "Burn-In" timecode overlay enabled for "Live EE & Record" (*in the "Timecode" tab*), the defined timecode overlay burned into the HD-SDI Outputs and within the Video Players in the **Kiva Presenter** app has a known bug:

- *The timecode overlay may incorrectly appear on the "opposite/wrong" video player.*

For example: if the timecode overlay is enabled only on the **Video <u>PVW</u> Player**, and then a video player **TAKE** operation is performed, the timecode overlay will incorrectly appear on the **Video <u>PGM</u> Player**.

WORK-AROUND #1

✓ Enable the Timecode overlay for **both** the Video PVW and PGM Players in a given video Channel Pair

WORK-AROUND #2

✓ Do not enable the burned-in timecode overlay for **any** Video Player

VERSION 8.2.0 – JUNE 2021

No known issues.

VERSION 8.0.0 – NOVEMBER 2020

No known issues.

GETTING HELP

- Ross Online Kiva Help on the Web: [Kiva Online Help](#)

- Ross Support on the Web: https://support.rossvideo.com/hc/en-us

- Our 24-hour hotline service provides access to technical expertise around the clock. After-sales service and technical support is provided directly by Ross Video personnel...

  - **During business hours (Eastern Standard Time):**

    Ross Technical Support personnel are available by telephone:

    - **Technical Support: (+1) 613-652-4886**

    - **After Hours Emergency: (+1) 613-349-0006**

  - **After hours and on weekends:**

Emergency technical support is available. A telephone-answering device will provide the names and phone numbers of technical support and field service personnel who are on call. Ross staff are available to react to any problem and to do whatever is necessary to ensure customer satisfaction.

- **Serious issues needing urgent attention and tracking:**

Please ensure you are given a ticket number and refer to this number in follow-up communications.