What's New for Avid® Media Composer® v2021.3

New in Media Composer v2021.3

The following are new for Media Composer v2021.1

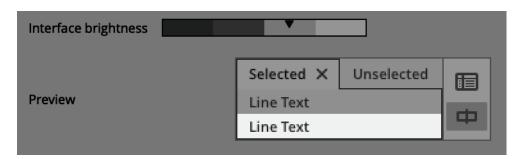
- Support for macOS
- Interface Brightness Setting Update
- Bin Status Bar
- New Highlight Colors
- Vertical Title Bar Improvements
- Mappable Sync Lock All Button
- Moving Segments in the Timeline
- Group Clip Name in Timeline Clip Text
- Find Bin
- PhraseFind and ScriptSync Farsi Support
- IMF Original and Supplemental Support
- Avid Titler+ Updates

Support for macOS

This release adds support for macOS v11.2.3.

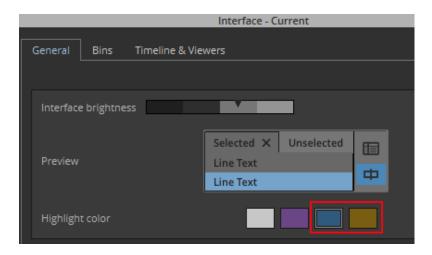
Interface Brightness Setting Update

A new mid-gray brightness selection has been added to the Interface brightness options. See File > Settings > Interface. Click the General tab.



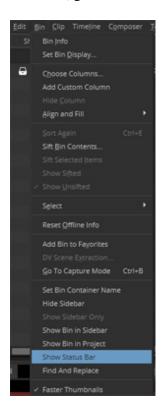
New Highlight Colors

Gold and blue have been added to highlight colors. See File > Settings > Interface. Click the General tab to see the new options.

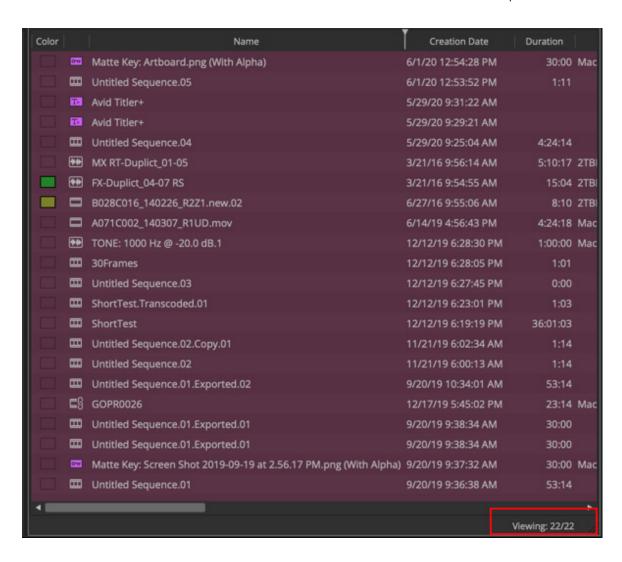


Bin Status Bar

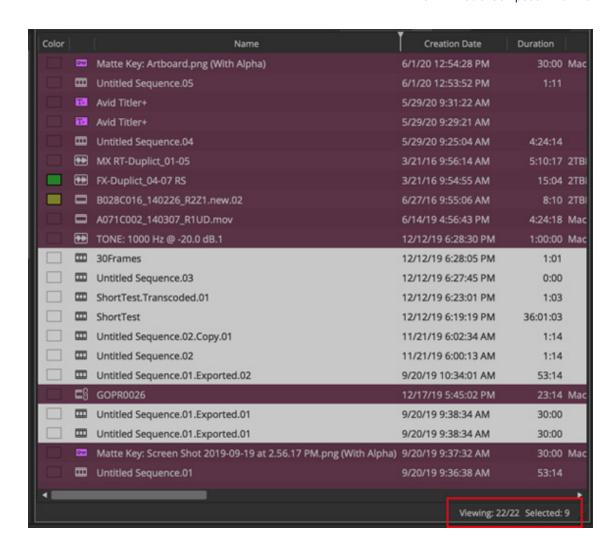
Display the Bin Status Bar to show how many items are seen and selected in a bin. To enable the Bin Status Bar, go to the Bin fast menu or select File > Bin and select Show Status Bar.



The number of items in the bin will appear at the bottom right of the bin.



When you select items in the bin, the number selected will also appear in the status bar.

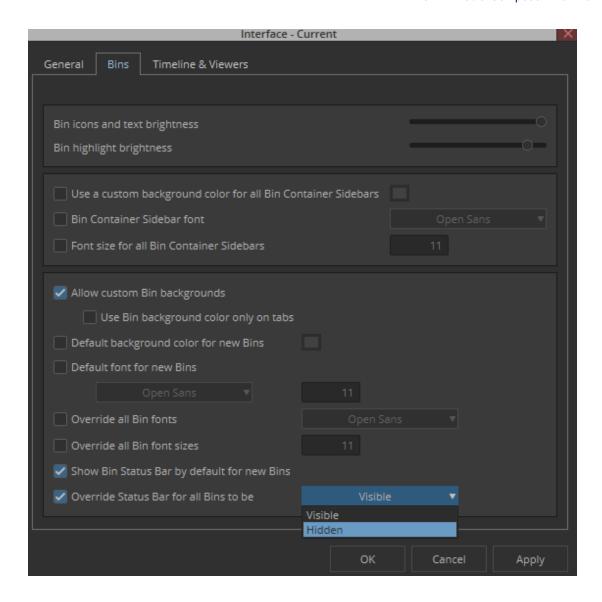


You can hover over Viewing or Selected to see tooltip info on the items in the bin.



The information in the status bar changes if you enter text in the Quick Find field or if you perform a Sift on the bin contents.

You can choose to override displaying the Bin Status bar. See the Bins tab in the Interface Settings.

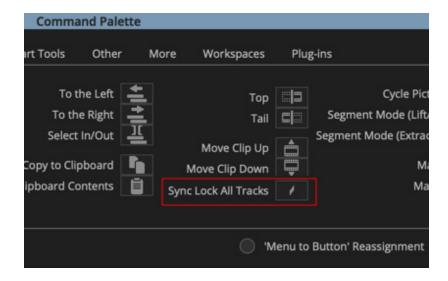


Vertical Title Bar Improvements

To improve readability, the font in the Vertical Title Bar is now white no matter which Interface brightness is selected. The kerning of the text on the Vertical Title Bar has been improved for readability also.

Mappable Sync Lock All Button

The Sync Lock All Tracks button has been added to the Edit tab of the Command Palette. You can map this button to the keyboard to easily enable and disable all Sync Locks in the Timeline when the Timeline window is active.



Moving Segments in the Timeline

With this release, you can move segments in the Timeline up and down without leaving filler each time the segment is moved consecutively. This also applies to moving segments horizontally using the Trim left and Trim right keys.

IMPORTANT: This only applies with repeated up/down and left/right movement. If there is a change to the segment selection or more than 5 seconds have passed after the last move, moving segments will leave filler behind.



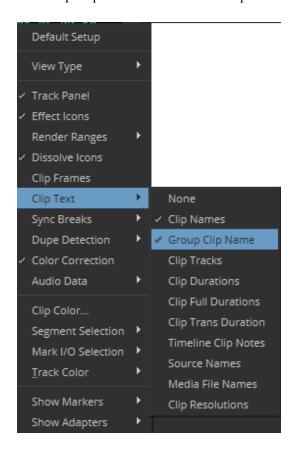
After dragging segments up or down, the segments remain selected.



After performing an Undo segment selection is restored.

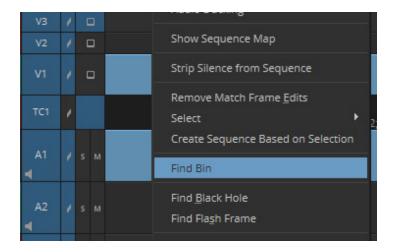
Group Clip Name in Timeline Clip Text

An additional Clip Text option has been added to the Timeline Fast Menu. You can choose to display the Group Clip name in the Timeline clip text.



Find Bin

You can easily access the Find Bin command directly in the Timeline when pointing over a segment. Simply right-click over the desired segment and select Find Bin to highlight the clip in the Bin. If the clip is in a closed bin, the bin opens and the clip is highlighted.



PhraseFind and ScriptSync Farsi Support

The Farsi language is supported with PhraseFind and ScriptSync.

Media Composer installs the English language for PhraseFind and ScriptSync automatically. To install support for additional languages, download the Language Pack installer from your Avid Master Account.

For additional information, search the Help for "Farsi Information."

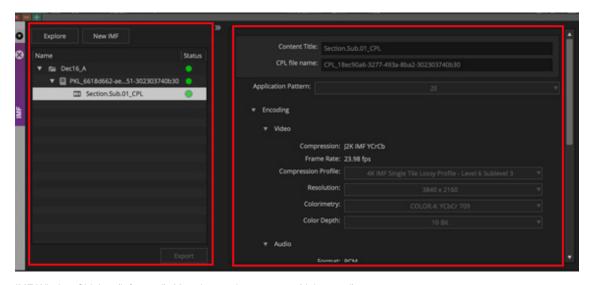
IMF Original and Supplemental Support

The Interoperable Master Format (IMF) is an international standard for the file-based interchange of multi-version, finished audio-visual works. You can link to and create IMF originals or supplementals using the IMF Window.

IMF Window Overview

The IMF window initially displays as empty and provides two panes that include a sidebar on the left and a related right pane which populates based on the selection in the sidebar. The right pane can also be collapsed.

When the IMF window is populated it consists of the following:



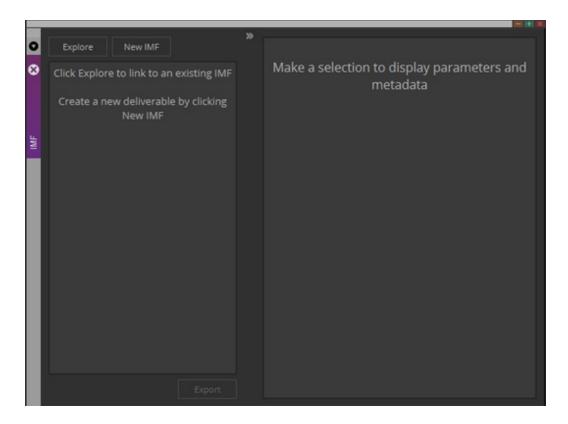
IMF Window Sidebar (left panel), Metadata and parameters (right panel)

Area	Item	Description
Sidebar (left panel)	Explore button	Allows you to navigate the file system to link to an existing IMF package by selecting the root folder in the navigation window. Once selected, the package and related contents will populate the sidebar.
	New IMF button	Allows you to create a new IMF Original or Supplemental. Once picked, a root folder and IMP will appear in the sidebar. Note that neither of these exist on disk yet

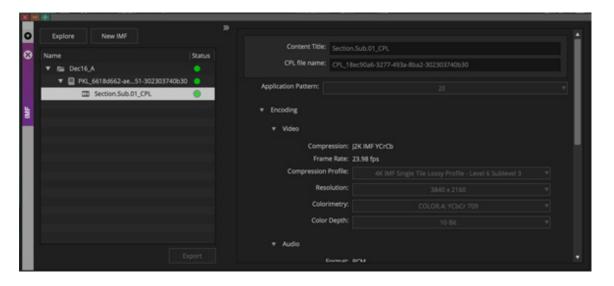
Area	Item	Description	
	IMF contents structure	The sidebar also populates with IMF Originals and Supplementals and provides a tree-like structure in the Name column to reveal the contents of the IMF packages. The status column to the right of Name populates indicating the status of the IMF elements.	
		• Green = has been exported and exists on disk,	
		• Yellow = all required metadata fields are populated and the directory is set. the package is ready to be writted to disk by clicking the Export button.	
		 Red = required fields must be completed before the Export operation is available and package can be written to disk. 	
		Sequences from bins can be dragged to packages and CPLs can be dragged to Bins to create Media Composer sequences. Making a selection in the sidebar populates the right-pane with the item's associated metadata.	
	Export button	This button becomes active only when a selection is made and all required fields for the Original or Supplemental are satisfied (such as setting a target path). If the selection is read-only (green) or required fields still exist (red), the Export button is disabled	
Metadata and Parameters (right pane)		When selecting a package that exists on disk, or any IMP or CPL within it, the right pane populates with read-only metadata and parameter values. For example:	
		 Selecting the root folder will display the IMF name as it appears on disk and it's directory path, along with Issuer, Creator and Annotation metadata. 	
		 Selecting an IMP displays the IMPname, Issuer, Creator and Annotation. Note that the IMP name is read-only and for an un-committed IMP it will display as untitled. Once committed, the untitled name will be replaced with the file name on disk as it is generated from Media Composer. 	
		 Selecting the CPL will display the Content Title and CPL file name on disk. Additional structural and descriptive metadata is displayed below that. Note that when a sequence is dragged into the package sidebar, Content Title is automatically populated with the sequence name. This can be changed unless the CPL has been committed. 	

To link to the IMF original:

1. Select Tools > IMF Window.



2. Click the Explore button and navigate to an existing IMF original. Once selected, the package will display in the IMF window sidebar.

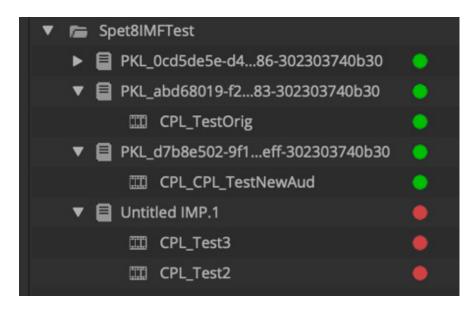


Expanding the package folder reveals the package's IMP(s) and CPL(s). Selecting the folder, IMP or CPL will load the associated metadata in the right pane. NOTE: Because this package is read only, no metadata or parameters can be adjusted.

3. Drag the CPL from the sidebar into a Bin to create a Media Composer sequence. You can modify this sequence without affecting the original CPL.

To add to an existing package:

1. Once the sequence is edited, or a new sequence is edited with material from the originating package, be sure all desired tracks are enabled, then drag the sequence to the root folder of the IMF window. Note that any tracks not enabled will be skipped.

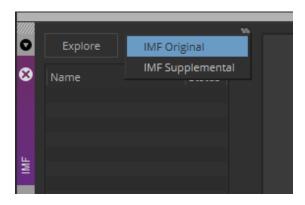


When a sequence is dragged into the package, the sequence name is displayed with the prefix CPL_sequence name. The Content Title metadata field in the right pane is populated. If you change the Content Title field in the right pane, the name will update in the sidebar. NOTE: Once you commit the package, the file name on disk is generated from Media Composer and is displayed in the right pane under Content Title.

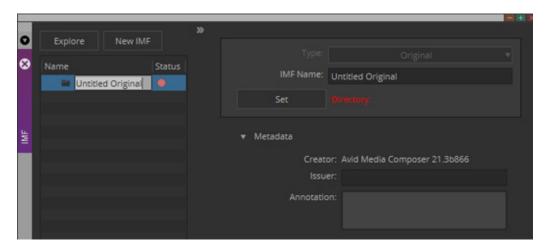
- 2. Select the CPL, modify the parameters in the right pane for the encoding profile and complete required metadata field. Completing Issuer and Creator automatically populate the IMP and root folder required fields. You can change these independently if desired.
 - For example, a CPL can have unique Issuer and Creator metadata from the IMP and the root folder by changing the respective fields in the IMP and or root folder. If two or more CPLs exist, the IMP and root folder populate based on the first CPL Issuer and Creator fields being populated. Adding different metadata to two or more CPLs does not change the IMP or root folder metadata.
- 3. Select the root folder in the sidebar and establish the target directory and add Annotation and/or change either the Issuer and/or Creator fields if desired.
- 4. Click on the Commit button. Once complete the status changes from yellow to green.

To create a new Original or Supplemental Package:

1. Click the New IMF button at the top of the left pane sidebar and select IMF Original or IMF Supplemental. Or drag a sequence to the sidebar.



A new untitled folder appears in the sidebar (though it is not yet written to disk).



- 2. Rename the folder and set the Directory path.
- 3. Drag one or more sequences from a Bin into the folder. If you expand the folder, you will see a new untitled IMP and a CPL(s) with the name of the sequence. Both have a status of red.
- 4. Select the CPL and define parameters and metadata. Once the required fields are completed, the status changes to yellow.
- 5. Set the directory path, select the root folder and click the Export button. Once complete, the status changes from yellow to green for the IMP and sequence(s).

Note that if you add additional sequences after the first drag and drop into the folder, a new IMP is created.





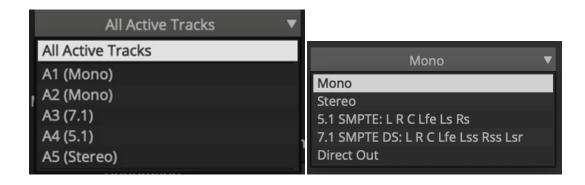
Committed and uncommitted packages can be removed from the sidebar by selecting the root folder and deleting. Note that it is only removed from the UI and nothing is removed from disk.

MultiChannel Audio Mapping

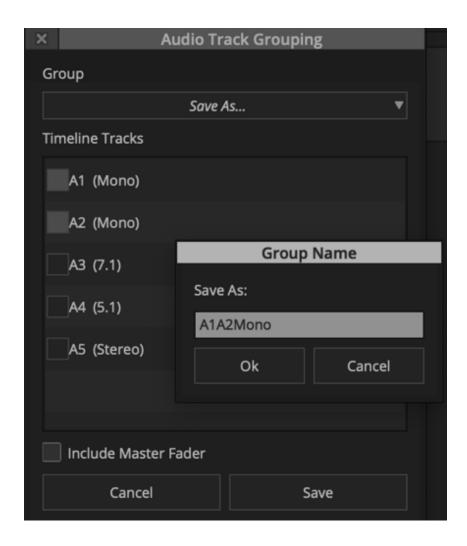
The Audio Mapping section allows you to map sequence tracks to IMF output tracks.

The left-hand menu defaults to All Active Tracks, but selecting the menu will show all the tracks in the sequence as well as their format:





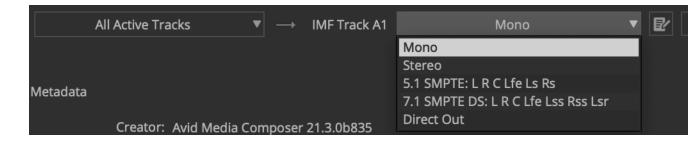
In addition, clicking on the Audio Tracks Grouping button will open a window that allows you to group together contiguous or non-contagious tracks into a single group that can be applied to the output. Note that these settings do not persist beyond the selected sequence. Also note that the group can include or exclude the Master Fader.



Once saved, the group will appear in the tracks list at the bottom:



Once the sequence tracks have been defined, the IMF track format can be selected in the right-hand menu:



To add another IMF audio track, click on the plus button. Doing so will add another row for definition. To remove a row, click on the Minus button:



MultiChannel Descriptive MetaData

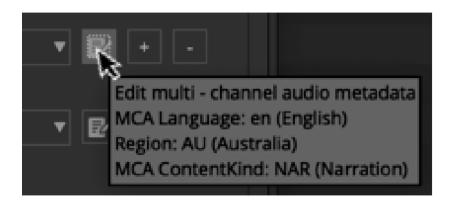
You can add Content Kind, Spoken Language and Region metadata to individual output tracks. To enter this metadata, click on the edit button to the right of the IMF track format menu and the left of the + button.



Clicking on the button opens the Multi-Channel Audio Metadata window.

Selecting an MCA Language will also populate the respective regions if available. In addition, you can select an MCA Content Kind value as well:

Note that hovering the mouse over the button reveals a tool tip that shows the current metadata values for that output track.



IMF Supported Formats

The following formats are supported when working with IMF.

Project Format	Raster Dimenstion	Frame Rate	
HD	1920 x 1080p	YCbCr Color Space:	RGB Color Space:
		23.976p	23.976p
		24p	24p
		25p	25p
		29.97p	29.97p
		30p	30p
		50P	50P
		59.94p	59.94p
		60p	60p
2K	2048 x 1080p	YCbCr Color Space:	RGB Color Space:
		23.976p	23.976p
		24p	24p
		25p	25p
		29.97p	29.97p
		30p	30p
		50P	50P
		59.94p	59.94p
		60p	60p
UHD	3840 x 2160p	YCbCr Color Space:	RGB Color Space:
		23.976p	23.976p
		24p	24p
		25p	25p
		29.97p	29.97p
		30p	30p
		50P	50P
		59.94p	59.94p
		60p	60p

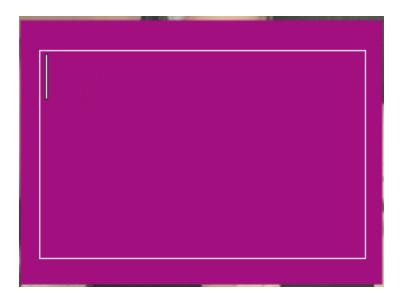
Project Format	Raster Dimenstion	Frame Rate	
4K	4096 x 2160	N/A	RGB Color Space:
			23.976p
			24p
			25p
			29.97p
			30p
			50P
			59.94p
			60p

Avid Titler+ Updates

The following updates have been made to Avid Title+:

Creating Text Boxes

Creating title text and resizing title boxes wraps the title text paragraphs appropriately. Simply select the T in the Avid Titler+ toolbar and drag in the Record monitor to create the Title box.



Type the text. When you resize the text box, the text will wrap appropriately.

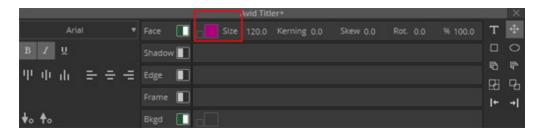




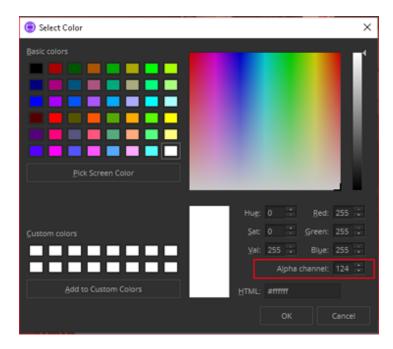
Changing the size of the text box wraps the text appropriately.

Opacity Control for Gradient Color

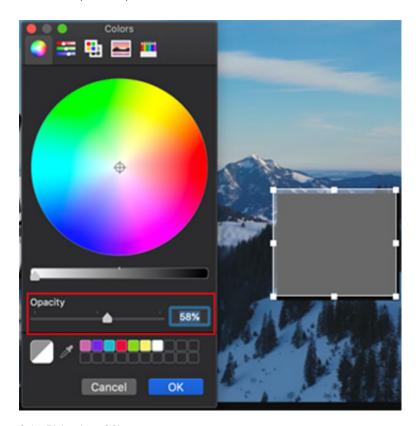
You can select the exact value for the Alpha Channel. Double-click the Face color option in the Titler+ toolbar.



The Select Color window opens.



Color Picker (Windows)



Color Picker (macOS)

Here you can set the opacity value of the Alpha channel.

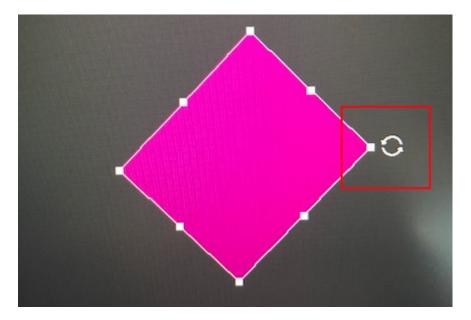
Change to Cursor

With this release, the cursor has been updated. The cursor is taller and flashes making it easier to locate.



Rotating Text Boxes and Shapes

After creating a text box or a shape, you can use the Rotation Icon to rotate the box or shape. Simply hover over one of the bounding box corners and select the Rotation Icon to rotate the image. You can also hold down the Shift key while dragging to rotate the shape in increments of 15 degrees.



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