

Product Release Notes

Streamline Xchange





STREAMLINE XCHANGE RELEASE NOTES

Welcome to the Streamline Xchange v10.2.1 Release Notes. Please read this document to find important information on areas of Streamline Xchange that may not be covered in the documentation.

CONTENTS

VERSION HISTORY 2

 VERSION 10.2.1 – MAY 2025 2

 VERSION 10.2.0 – MARCH 2025 3

 VERSION 10.1.8 – DECEMBER 2024 4

 VERSION 10.1.7 – OCTOBER 2024 4

 VERSION 10.1.6 – AUGUST 2024 6

 VERSION 10.1.4 – JULY 2024 8

 VERSION 10.1.3 – JUNE 2024 10

 VERSION 10.1.2 – JANUARY 2024 12

 VERSION 10.1.1 – JANUARY 2024 13

 VERSION 10.1.0 – NOVEMBER 2023 14

 VERSION 10.0.7 – SEPTEMBER 2023 16

 VERSION 10.0.6 – JULY 2023 19

 VERSION 10.0.5 – JUNE 2023 20

 VERSION 10.0.4 – MAY 2023 22

 VERSION 10.0.3 – APRIL 2023 24

 VERSION 10.0.2 – FEBRUARY 2023 25

 VERSION 10.0.1 – JANUARY 2023 27

 VERSION 10.0.0 – DECEMBER 2022 29

 VERSION 9.2.3 – NOVEMBER 2022 34

 VERSION 9.2.2 – OCTOBER 2022 38

 VERSION 9.1.0 – JULY 2022 42

 VERSION 9.0.1 – MARCH 2022 45

 VERSION 9.0.0 – DECEMBER 2021 46

KNOWN ISSUES 50

GETTING HELP 51



VERSION HISTORY

VERSION 10.2.1 – MAY 2025

BUGS ADDRESSED

- Fixed an issue where the user's last log in details were not accurate when **Logged In Users** was not toggled on. (XS-3604)
- Fixed an issue where the basic search persisted filter options that were selected for the Advanced Search. (XS-3612)

CERTIFICATIONS

- **OPERATING SYSTEMS**

Windows Server 2019 (Server)
Windows Server 2022 (Server)
Windows 10 (Client)

UPGRADE NOTE

Streamline Xchange and Streamline Pro cannot be installed on mixed OS environments (for example, Streamline Xchange on Linux and Streamline Pro on Windows or the reverse).

- **BROWSERS**

For Windows – Chrome 133.0 (Client)
For macOS – Chrome 133.0 and Safari 18.3 (Client)

- **EDITORS**

Adobe Premiere 2024 v24.5 (Windows)
Adobe Media Encoder 2024 v24.5 (Windows)
Apple FCPX 10.4.8

- **SUPPORTED ROSS PRODUCT VERSIONS**

Streamline Pro v12.4.0
Streamline Xchange Adobe Panel v10.2.0
Media I/O Suite v12.0
Inception v17.3
OverDrive v23.2

- **SUPPORTED THIRD PARTY PRODUCTS**

AP ENPS v9.5
EDIUS X Workgroup v10.34
EDIUS 11 Broadcast

VERSION 10.2.0 – MARCH 2025

BUGS ADDRESSED

- Fixed an issue where the Create New Take command in Workflow Server incorrectly created a duplicate placeholder Take when used for the first time. (XS-3504)
- Fixed an issue where the System Monitor would not display the name of a recording that only contained capital letters. (XS-3547)
- Fixed an issue where growing files were unable to be scrubbed through in the Streamline Xchange Media Player. (XS-3551)
- Fixed an issue where, when attempting to archive more than one asset at a time, an incorrect message was displayed instead of the correct error message. (XS-3555)
- Fixed an issue where the default timeline would not export in the locally configured frame rate. (XS-3560)

CERTIFICATIONS

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Inception v17.2
OverDrive v23.2

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AP ENPS v9.5
EDIUS X Workgroup v10.34
EDIUS 11 Broadcast

VERSION 10.1.8 – DECEMBER 2024

BUGS ADDRESSED

- Fixed an issue where some annotations would not be imported from Final Cut Pro to the Xchange Creative Bridge. (XS-3305)

VERSION 10.1.7 – OCTOBER 2024

BUGS ADDRESSED

- Fixed an issue where assets re-rendered on a different render profile deleted high-res media. (XS-3427)
- Fixed an archive issue. (XS-3407)
- Fixed an issue where certain Danish language characters displayed incorrectly. (XS-3447)
- Fixed an issue where certain Date and Tags properties from Workflow Server did not update in Streamline Xchange. (XS-3455)
- Fixed an issue where de-registering from Streamline Xchange incorrectly deleted assets from Workflow Server. (XS-3465)
- Fixed an issue where Streamline Xchange displayed incorrect results when metadata from Workflow Server contained 17 or more consecutive numbers. (XS-3467)

IMPROVEMENTS

- Messaging improvements where the values of changes are now sent in the initial payload request. (XS-3430)
- Integer validation in custom metadata fields now filters out minimum and maximum values. (XS-3434)

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Streamline Pro v12.2.0
Streamline Xchange Adobe Panel v10.1.7
Media I/O Suite v11.0.3
Inception v17.2.0
OverDrive v23

- **SUPPORTED THIRD PARTY PRODUCTS**

AP ENPS v9.4
EDIUS X Workgroup v10.34

VERSION 10.1.6 – AUGUST 2024

BUGS ADDRESSED

- Fixed an issue where an asset that is re-rendered on a different render profile may cause high resolution media to be deleted. (XS-3427)
- Fixed a payload request structure issue that caused performance issues when a large number of changes were made simultaneously.(XS-3430)

UPGRADE CONSIDERATIONS

UPGRADE NOTE

This release supports new frame rate options released in Streamline Pro 12.2. A VM argument must be manually added to Streamline Pro to access the new frame rate options.

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Adobe Media Encoder 2024 v24.5 (Windows)
Apple FCPX 10.4.8

- **SUPPORTED ROSS PRODUCT VERSIONS**

Streamline Pro v12.2
Streamline Xchange Adobe Panel v10.1.7
Media I/O Suite v11.0
Inception v17.1.1

OverDrive v21.3

- **SUPPORTED THIRD PARTY PRODUCTS**

AP ENPS v9.4

EDIUS X Workgroup v10.34

VERSION 10.1.4 – JULY 2024

BUGS ADDRESSED

- Fixed an issue where project files were occasionally created without the expected metadata. (XS-3409)
- Fixed an issue with adding markers in the Xplore player. (XS-3380)
- Fixed an issue where clips failed to load when a Streamline Pro config was not included. (XS-3401)

CERTIFICATIONS

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Streamline Xchange Adobe Panel v10.1.4
Media I/O Suite v11.0
Inception v17.1.1
Overdrive v21.3

- **SUPPORTED THIRD PARTY PRODUCTS**

AP ENPS v9.4
EDIUS X Workgroup v10.34



VERSION 10.1.3 – JUNE 2024

WHAT'S NEW

- **SUPPORT FOR STREAMLINE PRO WEB VIDEO EDITOR**

Streamline Xchange now provides support for the Streamline Pro Web Video Editor.

SOFTWARE REQUIREMENTS

Requires Streamline Pro v12 or later with the appropriate licensing. A license that enables the Video Editor must be purchased from a Ross Video Sales Representative.

- **IMPROVEMENTS TO METADATA**

You can now validate integers when using custom metadata fields. In addition, metadata fields now support 'null' values.

BUGS ADDRESSED

- Fixed an Adobe Bridge issue where audio phasing occurred on multi-track clips. (XS-3333)
- Fixed an issue where opening assets with many annotations caused performance slow downs in the interface as resources loaded. (XS-3341)
- Fixed an issue where the Upload Form didn't respect required fields. (XS-3347)
- Fixed an issue where users with multiple folders experienced a longer load time. (XS-3350)
- Fixed an issue where the date was offset incorrectly. (XS-3353)
- Fixed an Adobe Bridge audio issue where select was not reverting to standard audio track selection. (XS-3359)
- Fixed an issue where an ampersand '&' character in title field prevented the asset from uploading. (XS-3372)
- Fixed an issue where the Workflow kit failed when 100+ Workflow items were loaded in the queue. (XS-3375)
- Fixed an issue where the Streamline Xchange login page prompted users about an expired license. (XS-3383)

CERTIFICATIONS

- **OPERATING SYSTEMS**

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Adobe Media Encoder 2024 v24.5 (Windows)
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Streamline Pro v12
Streamline Xchange Adobe Panel v10.1.3
Media I/O Suite v11.0
Inception v17.1.1
Overdrive v21.3

- **SUPPORTED THIRD PARTY PRODUCTS**

AP ENPS v9.4
EDIUS X Workgroup v10.34

VERSION 10.1.2 – JANUARY 2024

BUGS ADDRESSED

- Fixed a Safari browser issue where audio phased on multi-track Quicktime movies. (XS-3313)

CERTIFICATIONS

• OPERATING SYSTEMS

Windows Server 2019 (Server)
Windows Server 2022 (Server)
Windows 10 (Client)
macOS Catalina 10.15.7 | Monterey 12.2 | Ventura 13.0 (Client)

UPGRADE NOTE

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For Windows - Chrome 96.0 (Client)
For macOS – Chrome 96.0 Safari 15.0 (Client)

• EDITORS

Adobe Premiere (23.5— Build 2)
Adobe Photoshop 23.3.2
Adobe After Effects 22.4
Adobe Illustrator 26.2.1
Apple FCPX 10.4.8
Media Encoder

• SUPPORTED ROSS PRODUCT VERSIONS

Streamline Pro v11.2
Workflow Suite v8.2.1
Inception v15.7.1
Overdrive v21.3
Streamline Xchange Adobe Panel v10.0.7

• THIRD PARTY PRODUCT VERSIONS

DIVA CMS v.8.3.1.41
AP ENPS v9.3, v9.4
EDIUS Workgroup 9

VERSION 10.1.1 – JANUARY 2024

BUGS ADDRESSED

- Fixed an issue where fulfilling a placeholder updated its' creation date. (XS-3270)
- Fixed an issue where certain user profiles may get an 'Invalid bin ID' error message when attempting to register media to Streamline Xchange. (XS-3295)
- Fixed a Creative Bridge issue where importing clips from Final Cut Pro may result in the text disappearing after a special character. (XS-3303)
- Using up and down arrows while entering multi-line text for an annotation in Streamline Xchange, the arrows may change the selected annotation on the right-side. (XIR-3766).

VERSION 10.1.0 – NOVEMBER 2023

WHAT'S NEW

- **CENTRALIZATION OF USER LICENSING**

User license management is now simplified, and user licenses can be shared across the entire suite of MAM products.

(XS-3006)

- **SUPPORT FOR ANAMORPHIC RESOLUTIONS IN XPLORE**

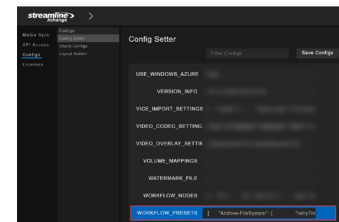
Rough cuts now support exports for Anamorphic video resolutions.

(XS-3147)

- **WORKFLOW PRESET TO DELETE ASSETS**

A workflow preset to delete assets is available for MAM systems using a Quantum archive. System administrators can add it under **Streamline Xchange > Configs > Config Setter**.

(XIR-2182)



Config Setter Dialog

- **SUPPORT FOR DIVA ARCHIVE WORKFLOWS**

Streamline Xchange archive workflows now support DIVA v.8.3.1.41, a CMS system by Telestream (formerly known as EcoDigital and Front Porch Diva).

(XIR-2333)

- **PLACEHOLDER FULFILLMENT IMPROVEMENTS**

These improvements ensure that duplicate placeholder requests cannot be fulfilled by the same user after the first request has been sent.

(XIR-3065)

BUGS ADDRESSED

- **Adobe Xchange MAM Panel**

- Fixed an issue where project imports fail to import ingested files. (XS-3053)

- **Xplore**

- Fixed an Xplore issue where rough-cut exports fail during ingest. (XS-3102)
- Fixed a placeholder creation issue where Xplore did not set the server back to the default production server ID. (XS-3095)
- Fixed an Xplore Library issue where you couldn't edit the user bin. (XS-3250)

- **Creative Bridge**

- Fixed an issue where embedded audio tracks were not appearing for certain clips. (XS-3104)

- **Other**

- Fixed an issue with error rendering. (XS-3059)
- Fixed an LDAP password issue that occurred with special characters. (XS-3229)
- Fixed an issue where the watchfolder registration workflow did not indicate that the original asset was registered with Workflow Server. (XS-3269)
- Fixed an issue with the Xchange v9.2.3 installer 'Re-render' option. (XIR-3549)

CERTIFICATIONS

- **OPERATING SYSTEMS**

Windows Server 2019 (Server)
Windows Server 2022 (Server)
Windows 10 (Client)
macOS Catalina 10.15.7 | Monterey 12.2 | Ventura 13.0 (Client)

UPGRADE NOTE

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For macOS – Chrome 96.0 Safari 15.0 (Client)

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Adobe Photoshop 23.3.2

Adobe After Effects 22.4

Adobe Illustrator 26.2.1

Apple FCPX 10.4.8

Media Encoder

- **SUPPORTED ROSS PRODUCT VERSIONS**

Streamline Pro v11.1

Workflow Suite v8.2.1

Inception v15.7.1

Overdrive v21.3

Streamline Xchange Adobe Panel v10.0.7

- **THIRD PARTY PRODUCT VERSIONS**

DIVA CMS v.8.3.1.41

AP ENPS v9.3, v9.4

VERSION 10.0.7 – SEPTEMBER 2023

BUGS ADDRESSED

- **Adobe Xchange MAM Panel**

- Fixed an issue where searching for a numeric value did not return the matching search results. (IR-3743)
- Fixed an issue where selected assets were not visible due to the similarity of accent colors in the user interface. (XS-3061)
- Fixed a download cancellation issue, where a cancelled action continued to import into Adobe Premiere. (XS-3064)
- Fixed a selection issue with importing only a single project while in multi-selection mode. (XS-3066)

- Fixed an issue where attempting to import a project into Adobe Premiere using the original resolution, on shared storage, did not work. (XS-3101)
- Fixed an error that occurs when a previously registered subclip is registered as the main asset for the second time. The asset now either registers successfully or will provide a popup message in the event of failure. (XS-3184)
- Fixed an export sequence issue where projects not always rendered to AME watch folders. (IR-3716)
- **Streamline Xchange**
 - Fixed a macOS issue where the login page displays a licensing error message. (IR-3483)
- **Annotations**
 - Fixed an issue where importing annotations into Final Cut Pro with the Creative Bridge caused annotations to switch to a 60p (1920x1080) resolution instead of the selected default of 29.97p (3840x2160). (XS-3100)
 - Fixed an issue where annotations with errors were not successfully exported when the user selects the '**Continue Exporting with Errors**' action. (XS-3105)
 - Fixed an annotation issue, where annotation overlays on the bottom of the Xchange Media player exceeded the boundary margin. (XS-3181)
 - Fixed an annotation issue, where the annotation overlays were not frame-accurate. (XS-3187)

CERTIFICATIONS

• OPERATING SYSTEMS

Windows Server 2019 (Server)
Windows Server 2022 (Server)
Windows 10 (Client)
macOS Catalina 10.15.7 or Monterey 12.2 (Client)

UPGRADE NOTE

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environments (for example, Streamline Xchange on Linux and Streamline Pro on Windows or the reverse).

- **BROWSERS**

For Windows - Chrome 96.0 (Client)

For macOS - Chrome 96.0 Safari 15.0 (Client)

- **EDITORS**

Adobe Premiere (22.3.1— Build 2)

Adobe Photoshop 23.3.2

Adobe After Effects 22.4

Adobe Illustrator 26.2.1

Apple FCPX 10.4.8

Media Encoder

- **SUPPORTED ROSS PRODUCT VERSIONS**

Streamline Pro v11.1

Workflow Suite v8.2.1

Inception v15.7.1

Overdrive v21.3

Streamline Xchange Adobe Panel v10.0.7

VERSION 10.0.6 – JULY 2023

BUGS ADDRESSED

- **STREAMLINE XCHANGE**

- Fixed an issue where the current workflow kit was using a high amount of CPU when idling. (XS-3007)

CERTIFICATIONS

- **OPERATING SYSTEMS**

Windows Server 2019 (Server)
Windows Server 2022 (Server)
Windows 10 (Client)
macOS Catalina 10.15.7 or Monterey 12.2 (Client)

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- **SUPPORTED ROSS PRODUCT VERSIONS**

Streamline Pro v11.1
Workflow Suite v8.2.1
Inception v15.7.1
Overdrive v21.3
Streamline Xchange Adobe Panel v10.0.6

VERSION 10.0.5 – JUNE 2023

WHAT'S NEW

SUPPORT FOR STREAMLINE PRO

Supports the Streamline Pro for video content delivery workflows.

BUGS ADDRESSED

- **ADOBE PANEL**

- Fixed an issue where export sequences were sent to the wrong drop box bin when another bin on the system contained the same sequence name. (IR-3737)

- **STREAMLINE XCHANGE**

- Fixed a permission error that occurred when performing a database backup. (IR-3625)

CERTIFICATIONS

- **OPERATING SYSTEMS**

Windows Server 2019
Windows 10
macOS Catalina 10.15.7 or Monterey 12.2

- **BROWSERS**

Chrome 96.0 (Windows and Mac)
Safari 15.0

- **EDITORS**

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Adobe Illustrator 26.2.1
Apple FCPX 10.4.8

- **SUPPORTED XCHANGE UPGRADES**

v8.2.1

- **Workflow suite**

v8.0.2

- **Streamline Pro**
v11.0

VERSION 10.0.4 – MAY 2023

BUGS ADDRESSED

- ADOBE PANEL
 - Fixed an issue where exporting a nested sequence caused issues with relinking the media in those sequences. (IR-3644)
 - Fixed an Adobe Panel issue where the **Update Annotations** action did not work. (IR-3661)
 - Fixed an issue where the Project Status field in the **Project Dashboard > History** tab did not show the latest updates. (IR-3713)
- XCHANGE
 - Fixed a GUI selection issue in Xchange Workspace Configuration, where editing the **Browse Module** and selecting the **Smartbins** option from the dropdown menu was highlighting the wrong tab. (IR-3477)
 - Fixed an Xchange issue where deleting a project and confirming to **Delete Project and Media** did not delete the relevant project files & media from Workflow Server. (IR-3495)
 - Fixed an inactive button issue where a user navigating to the **Configs > Xchange** page and clicking on the **Workspaces** button would remain on the Xchange page. (IR-3576)
 - Fixed a GUI selection issue where misalignment with the mouse pointer caused smart bins to be moved from one bin to another when the user was only attempting to select a bin. (IR-3578)

CERTIFICATIONS

- **OPERATING SYSTEMS**

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Windows 10
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- **BROWSERS**

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Apple FCPX 10.4.8

- **SUPPORTED XCHANGE UPGRADES**

v8.2.1

- **Workflow Suite**

v8.0.2

VERSION 10.0.3 – APRIL 2023

BUGS ADDRESSED

ADOBE PANEL

- Fixed an issue where the **Replace Project Media** button was not displayed in the list of **Actions**. (IR-3665)
- Fixed an Adobe Panel render profile issue where the dropdown list of import quality options did not reflect the preconfigured selections in the Xchange Configuration. (IR-3634)

XCHANGE

- Fixed an issue where the Uploader page did not display a full list of available projects. (IR-3671)

CERTIFICATIONS

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Windows 10
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- **SUPPORTED XCHANGE UPGRADES**

v8.2.1

- **Workflow suite**

v8.0.2

VERSION 10.0.2 – FEBRUARY 2023

BUGS ADDRESSED

- **XCHANGE WORKSPACE**
 - Fixed an Xchange search query issue that occurred when searching for clip names with a 2-digit ending. (IR-3622)
 - Fixed an Xchange issue with creating markers with the same name. (IR-3616)
 - Fixed an Xchange issue that occurs when using MediaGrid Storage, where uploading clips into Xchange or Workflow Server triggered a file system read access error. (IR-3610)
 - Fixed an Xchange issue with configuring the **Metadata > Forms** property page, where additional lines could not be added to the **Tag** property. (IR-3604)
 - Fixed an Xchange issue where Active Directory (AD) and Lightweight Active Directory Protocol (LDAP) authentication failed. (IR-3600)
- **ADOBE PANEL**
 - Fixed an Adobe Panel issue where ingest/ growing file imports did not work. (IR-3603)

CERTIFICATIONS

- **OPERATING SYSTEMS**

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- **BROWSERS**

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- **SUPPORTED XCHANGE UPGRADES**

v8.2.1

- **Workflow suite**

v8.0.2

VERSION 10.0.1 – JANUARY 2023

BUGS ADDRESSED

- Fixed an issue deleting assets from a workflow using an Amazon S3 Glacier archive. A WORKFLOW_PRESET configuration is now available to delete assets directly from Glacier.
- Fixed an issue where sub-clip In and Out points were not being applied correctly. (IR-3558)
- Fixed a login issue, where users who only have access to Workspaces were being routed to Xplore. (IR-3506)
- Fixed an issue where creating custom bins in Projects was creating bins in the incorrect location. (IR-3572)
- Fixed an issue where newly created workspaces were not showing up in the Config. (IR-3577)

UPGRADE CONSIDERATIONS

This section includes any upgrade requirements specific to this release.

- **CONFIGURING RENDER SETTINGS**

When upgrading, Ross commissioners must ensure that the RENDER_SETTINGS config is in the correct order. In the Render_Settings config, proxies must be placed at the top, followed by other types of settings such as captions at the bottom.

TIP

This path can be configured by administrators under **Xchange Admin > Configs > Config Setter**. (IR-3561)

- **CONFIGURING EXPORT PATHS**

When importing media into the Adobe Panel, Ross commissioners must ensure that the EXPORT_PATHS config uses forward-slashes (/) in the path.

TIP

This path can be configured by administrators on the **Xchange Admin > Configs > Config Setter** page. (IR-3501)

CERTIFICATIONS

- **OPERATING SYSTEMS**

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- **BROWSERS**

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Adobe Illustrator 26.2.1
Apple FCPX 10.4.8

- **SUPPORTED XCHANGE UPGRADES**

v8.2.1 and later

- **Workflow suite**

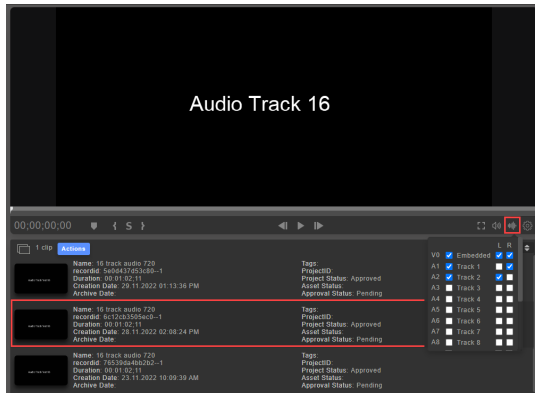
v8.0.2

VERSION 10.0.0 – DECEMBER 2022

WHAT'S NEW

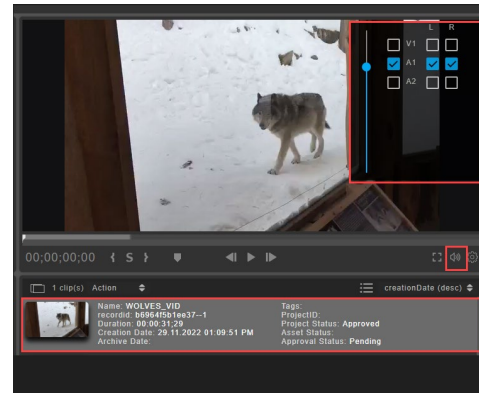
- SUPPORT FOR STEREO PLAYBACK**

The Media Player provides a left and a right channel for each audio track to support Stereo Playback. (IR-2433)



XPLORE MEDIA PLAYER – AUDIO TRACK

Displays a selected audio clip with L & R channels.

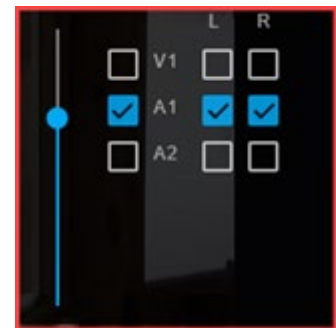


WORKSPACE MEDIA PLAYER – MEDIA CLIP

Displays a selected media clip with L & R channels.

- MEDIA PLAYER NOW DISPLAYS AVAILABLE CHANNELS**

Xplore and Workspaces now display the amount of audio channels available in the media object. Previously all the audio channels in the Config file were displayed, instead of the available ones. (IR-2434)

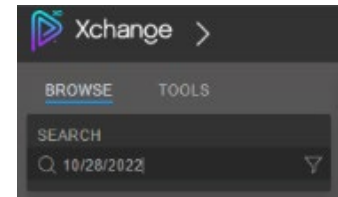


WORKSPACE MEDIA PLAYER Displays the two available audio

- **ENHANCED SEARCH FUNCTIONALITY**

You can now search for items by date in Xplore, Workspace and the Adobe Panel. Create date properties, like **GameDate** or **TournamentDate**, to make full use of the enhanced Advanced & Simple Search capabilities.

(IR-3413)

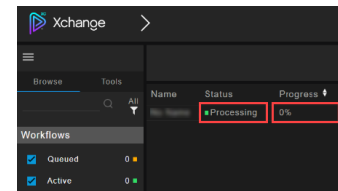


XCHANGE SEARCH BROWSER

- **IMPROVED SUBCLIP DOWNLOAD WORKFLOW**

You can now view the progress of sub-clip renders and downloads from the **System Monitor**.

(XS-2339)



SYSTEM MONITOR STATUS

- **ENHANCEMENTS TO PREDEFINED FORM VALUE FIELDS**

Fields are no longer case sensitive, and any capitalization changes to metadata will not change the selection status in the UI.

(XS-2289)

- **TRANSCODER AGENT CAN NOW MAINTAIN ORIGINAL SUBCLIP RESOLUTION**

You can now use the CLI tool to ensure that the original height and width of the source file is maintained in the exported file.

(XS-2283)

- **DUPLICATE XCHANGE EXPORT REQUESTS ARE NOW BLOCKED**

In the Xchange Adobe Panel, multiple requests from a single user to export a sequence and attach it to the same placeholder will now trigger an export warning to avoid conflicts during fulfillment.

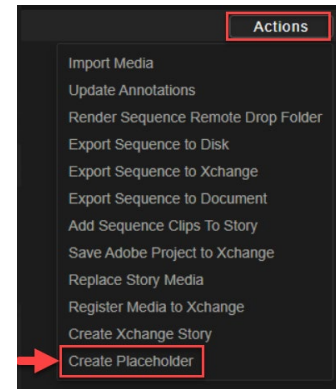
(IR-3065)

- **TRANSCRIPT FIELD REMOVED FROM MODULES' ADVANCED SEARCH**

The advanced search has been simplified and no longer includes the **Transcript** field. (XS-2256)

- **NEW ACTIONS AVAILABLE IN XCHANGE ADOBE PANEL**

The Actions drop-down menu now contains a "Create Placeholder" option for ease of use.
(XS-2438)



ACTIONS DROPDOWN MENU
Go to **Actions > Create**

- **AUTO-SELECT DEFAULT VALUE**

When uploading media using the **Web Upload** interface you can now assign default properties that will be auto-populated.
(IR-2616)

- **ABILITY TO INHERIT METADATA WHEN ATTACHING TO PLACEHOLDERS IN ADOBE PANEL**

Users can now choose whether to inherit placeholder metadata when exporting to placeholders from the Adobe Panel. By default it is set to **Enable** and it can be disabled by the user if required.
(IR-2513)

- **IMPROVED USER PERMISSIONS IN ADOBE PANEL**

Administrators can now configure different user permissions based on the access method. When remote users are using the **Transfer Media** mode the permissions can be restricted to only allow uploads or downloads via proxy. On-site users with **Shared Storage** mode can be provided with full resolution permissions.
(IR-1373)

BUGS ADDRESSED

- Fixed an issue where switching from one form to another in the **Tools > Batch Metadata** page still retains the previous form's info. (XS-3328)

- Fixed an issue where the sub-clip's flag metadata selections cannot be checked or unchecked. (XS-3223)
- Fixed an issue where form fields did not display the expected default values. (XS-2928)
- Fixed an issue where Xplore sub-clip downloads were not saved with an extension. (XS-2850)
- Fixed an ingest issue where HLS streams that were shared using the Xchange server did not load properly, and live file updates did not appear in the Workspace Media Player. (XS-2844)
- Fixed an issue where sub-clips that were downloaded using their original resolution would fail. (XS-2841)
- Fixed a Workspace issue where new placeholders did not display the correct values on the form. (XS-2808)
- Fixed an Xplore issue where using the **Batch Metadata** to set a date value did not format and save the metadata correctly. (XS-2799)
- Fixed an issue where uploading a file attachment in the **Files** tab may cause it to freeze. (XS-2507)
- Fixed an Xplore and Workspace issue, where clicking the **Create Download Link** button does not always create a URL to download clips or audio files. (XS-2401)
- Fixed an issue where Xchange created a low-resolution file with audio for high-resolution (.mp4) files that may contain PCM audio. (IR-3444)
- Fixed an Xplore Modules issue where the Simple Search query disappears when you execute the search. (IR-3352)
- Fixed a Workflow Server UI issue, where both the video scrubber position and indicators for markers or sub-clips did not shift to align with clip as it grows during ingest. (IR-3201)
- Fixed an issue where annotations could not be deleted, even when "Delete Own Annotations" was selected in the Configuration page. (IR-3194)
- Fixed an Xchange issue where the System Monitor displayed a job that was sent from the Workflow Server as "No Name" instead of displaying the name of the clip. (IR-2790)
- Fixed an issue where deleting media from Xchange did not delete all the associated sub-clips. (IR-2637)

- Fixed an Xchange issue where the group feature was not maintaining the grouping in custom library bins. (IR-2605)
- Fixed an issue where the Xchange Adobe Panel did not export the expected metadata to the Placeholder. (IR-2513)
- Fixed an issue where the spinner that appears when you create a project did not disappear upon creation of the project. (IR-1383)
- Fixed an Xchange issue where loading a bin with numerous clips did not display the counter above the fold, causing the user to scroll to the very bottom of the list to see it. (IR-1149)

CERTIFICATIONS

○ **OPERATING SYSTEMS**

Windows Server 2019
Windows 10
macOS Catalina 10.15.7 or Monterey 12.2

○ **BROWSERS**

Chrome 96.0 (Windows and Mac)
Safari 15.0

○ **EDITORS**

Adobe Premiere 22.3.1
Adobe Photoshop 23.3.2
Adobe After Effects 22.4
Adobe Illustrator 26.2.1
Apple FCPX 10.4.8

○ **SUPPORTED XCHANGE UPGRADES**

v8.2.1 and later

○ **Workflow Suite**

v8.0.2

VERSION 9.2.3 – NOVEMBER 2022

BUGS ADDRESSED

- **Adobe Panel**

- Fixed a sorting issue where a user applying a filter within a Project or smart bin may not see the selected clips in the Media Manager viewer. (XS-2733)

- **Xchange Workspace**

- Fixed an issue where the selections from the sub-clip menu that appears when a user downloads a sub-clip are not fully visible in the UI. (XS-2727)
- Fixed a Chrome browser issue where downloading the master clip media did not trigger a download. (XS-2707)
- Fixed an issue where downloading the Proxy or Original resolution sub-clip from a .MOV source produced an error message that the file was not found. (XS-2698 | XS-2695)
- Fixed a Proxy issue where downloaded .mxf files produce an error message that the file was not found. (XS-2656)
- Fixed a Workspace issue, where some sub-clip downloads failed and then the sub-clip became corrupted when a second download was attempted. (XS-2628)
- Fixed an issue where Rough Cuts in Xchange were displaying an erroneous message – that 'Rough Cut has no media'. (IR-3423)
- Fixed a Media Manager issue where the Action to **Create Placeholder** does not prompt a user to fill out the required fields before creating the placeholder in a project bin. (XS-2578 | XS-2566 | XS-2536)
- Fixed an issue where placeholders that were created without having a default destination server were sent to the first server available. (XS-2533)
- Fixed an issue where the project smart bin creation date is not displayed correctly in Workspace. (XS-2581)
- Fixed issues where setting a new thumbnail for a media item in Workspace caused it to fail to update on the Media Manager. (XS-2613)



SUB-CLIP MENU

- **Streamline Xchange Xplore**

- **Media Details Panel**

- Fixed a Metadata Form issue where deleting a date from a field and saving resulted in an "Invalid Date" instead of a blank field. (XS-2644)
 - Fixed an issue impacting Xchange users on Safari or Firefox, where editing the date field for a selected media item's metadata occasionally displayed an invalid date. (IR-3313)
 - Fixed an issue where the creationDate for Media and creation_date for Projects was available to edit on forms, instead of being read-only. (XS-2541)
 - Fixed an ANNOTATION tab issue where clicking the **Register Subclip** button does not register the sub-clip to Xchange Workspace. (XS-2653 | XS-2592)
 - Fixed an issue where sub-clip downloads occasionally failed to initiate download when the server indicated the file was already in use. (IR-3310)
 - Fixed an issue with sub-clips in the ANNOTATE list, where comments did not display dates. (XS-2640)
 - Fixed an issue with sub-clips in the ANNOTATE list, where date values in Workspaces were being reloaded 4 hours behind the initial date settings. (XS-2637 | XS-2544)
 - Fixed an issue with dates in the ANNOTATE list, where the date values did not conform to the DATE_DISPLAY_FORMAT set in the Config Setter. (XS-2636)

- **Download Links**

- Fixed a download link issue, where links were valid past the expiry date. (XS-2622)
 - Fixed a download link issue, where generating a download link currently does not allow users to select **Original** as the quality. (XS-2604)

- **Xchange System Monitor**

- Fixed inconsistencies with date fields in the System Monitor, which are now updated by the date configuration set in the Config Setter. (XS-2527)
- **Xchange Upload Manager**
 - Fixed a date display issue where project media in the **Upload** Manager did not display the correct DATE_DISPLAY_FORMAT set in the Config Setter. (XS-2641)
- **Workflow Server Client**
 - Fixed an issue where markers created during live ingest in the Workflow Client were not consistent with the Xchange media player head in Xchange Workspace. (XS-2692 | XS-2686 | XS-2677 | XS-2668 | XS-2650)
 - Fixed an issue with the Action script in the Workflow Server Client, where the script triggered an error response instead of removing media from the project bin. (XS-2713)
 - Fixed a time offset issue where the Workflow Server time offset button stopped working after upgrading to v9.2. (IR-3292)
- **Removed Features**
 - Fixed an Admin Config issue, where the Config Setter [New] option was removed from the Administrative Configs. (XS-2547)
 - Fixed an Xplore and Workspaces **Advanced Search** UI issue, where the **Show Rating Info** option was removed since it is no longer required. (XS-2557)
- **Other**
 - The Project DashBoard appears blank when you first visit the page unless a sorter is chosen. (XS-2601)
 - Fixed naming discrepancies on Xplore and Workspace for instances of 'Search Story' and 'Search Stories'. (XS-2619)

- Fixed issues where a project without a displayName in the PROJECT_SETTINGS configuration in the Config Setting, the project name is set to 'True'. (XS-2616)
- Fixed an issue where the Xchange Installer database and tables were not adding the local_fork_id to the indexes by default. (IR-3365)
- Fixed a CPU performance issue where a database machine was maxing out at 100% when starting the workflow processor with ApiConnectPools set to 7 or higher. (IR-3380)

VERSION 9.2.2 – OCTOBER 2022

BUGS ADDRESSED

- Fixed an issue impacting Xchange users on Safari or Firefox, where editing the date field for a selected media item's metadata occasionally displayed an invalid date. (IR-3313)
- Fixed an issue where sub-clip downloads occasionally failed to initiate download when the server indicated the file was already in use. (IR-3310)
- Fixed an issue where sub-clip downloads failed when a proxy resolution was used. (IR-3307)

VERSION 9.2.0 – SEPTEMBER 2022

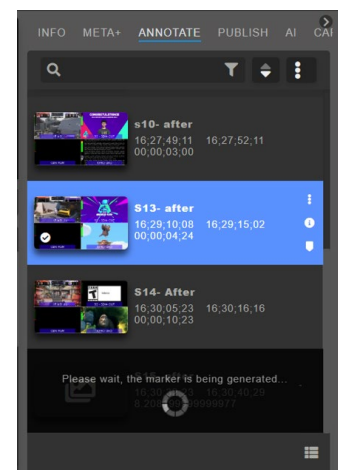
WHAT'S NEW

- **Support for Adobe CREATIVE CLOUD 2022 (Windows and Mac)**
The Adobe Xchange Panel supports Adobe CC 2022 (including Premiere, Photoshop, After Effects, & Illustrator).
It is recommended that you use the following compatible operating systems:
 - **Windows OS:** Windows 10
 - **Mac OS:** macOS Monterey

Note: It is recommended that the Xchange Server is hosted on the Windows Server.
(XS-1914)

- **UI ENHANCEMENTS FOR SUB-CLIP CREATION PROCESS**

Previously when you created a sub-clip, the entire user interface was unavailable as the sub-clip loaded. You can now select other clips and perform actions while a sub-clip is generating. (XS-2301)



ANNOTATE LIST

- **CUSTOMIZED DATE DISPLAY FORMAT**

The default date and time format, of month/day/year 00:00:00, is now consistently displayed throughout the Xplore Workspace and Adobe Panels. Your preferred date format can be customized using the DATE_DISPLAY_FORMAT config. (IR-1356)

- **NEW API ENDPOINT TO DELETE PROJECTS**

A new HTTP post endpoint is available that allows you to delete projects. This can be useful in custom workflows where you need to automate project deletion. (IR-3110)

- **SUBCLIP DOWNLOADS CAN RENDER ON A REMOTE NODE**

The remote node location is determined by the MEDIA_SERVER_API_URL. (XS-2315)

- **DUPLICATE SUB-CLIP DOWNLOADS ARE BLOCKED**

A new overlay has been added to prevent a sub-clip from being interacted with while it is processing, which prevents duplicate downloads of the same clip. (XS-2286)

- **SUPPORT FOR LOWERCASE "http" HEADERS**

The Xchange Workflow and Xchange Adobe Panel now support lowercase "http" headers. (XS-2272)

BUGS ADDRESSED

- Fixed a metadata formatting issue in Workspaces, where certain string Metadata Forms would incorrectly show brackets and quotes around the value. (IR-3171)
- Fixed a php error issue, where after upgrading to Xchange version 9.1 an error appeared when registering clips from the Workflow Server. (IR-3152)
- Fixed a Project Form UI issue in the Xchange Workspaces, where multiple values could not be removed from the field. (IR-3142 | IR-3139)

- Fixed an issue with the Project Form UI in the Xchange Workspaces, where forms with read/write access did not provide the correct editing permissions. (IR-3136)
- Fixed an issue with registering sub-clips, occasionally caused the sub-clip generation to fail. (IR-3126)
- Fixed an issue with the content displayed when a clip is being ingested from Workflow Server to Xchange, where the proper in and out point times were not present. (XS-2358)
- Fixed an issue with upgrading to Xchange v9.1, where the installer threw an error message that prevented the installation from being completed. (IR-3107)
- Fixed a smart bin issue in the Xchange Workspace, where the project displays clips that are set to Pending Approval instead of the project itself. (IR-3096)
- Fixed an issue where the Adobe Panel's Import dialog displayed a placeholder string instead of the parent project display name's value. (IR-3059 | IR-2611)
- Fixed an issue with annotations, where the Adobe Xchange Panel was not importing all annotations from Adobe Premiere media and clips. (IR-3044)
- Fixed a search issue, where searching for dates in Xchange did not return media from the date specified in the search query. (IR-2906)
- Fixed an issue with date properties, where clips uploaded from Xchange to the Workflow Server did not retain the saved date properties. (IR-2876)
- Fixed an issue with downloading MP3s, where the downloaded MP3 included the Xchange audio waveform preview. (IR-2785)
- Fixed an issue with the upgrade process, where some system modules were missing from the Xchange Modules table. (IR-2689)
- Fixed a typo where the word "Stories" was not consistent across the Xplore workspace. (IR-2653)
- Fixed an issue with Tags metadata fields, where the fields could be updated but not removed once the tag was registered in the Adobe Panel. (IR-2634)
- Fixed an issue with a project's **Form Information**, where certain custom property fields were not allowing users to enter text. (IR-2625)

- Fixed an issue where the Adobe Panel's smart bins could not target projects. (IR-2608)
- Fixed an issue where saved simple searches did not appear in the dropdown list of favorites. (IR-2594)
- Fixed an issue with Xplore Workspace, where the media player skips the frame on the video. (XS-2008)
- Fixed an issue with the Xplore Workspace, where the media player's left arrow hotkey and right arrow hotkey did not rewind or forward the clip, respectively. (XS-2004)
- Fixed an issue where setting a new clip thumbnail did not always update the thumbnail image. (IR-1727)

CERTIFICATIONS

- **OPERATING SYSTEMS**

Windows 2019
Windows 10
macOS Catalina 10.15.7 or Monterey 12.2

- **BROWSERS**

Chrome 96.0 (Windows and Mac)
Safari 15.0

- **EDITORS**

Adobe Premiere 22.3.1
Adobe Photoshop 23.3.2
Adobe After Effects 22.4
Adobe Illustrator 26.2.1
Apple FCPX 10.4.8

- **SUPPORTED XCHANGE UPGRADES**

v8.2.1 and later

- **Workflow suite**

v8.0.2

VERSION 9.1.0 – JULY 2022

WHAT'S NEW

- **VIEW CLOSED CAPTIONS IN CLIP PLAYER**
View 608 or 708 closed captions within the web player. Requires a render profile configured to do the export. (IR-1082)
- **SHARED PROXY BETWEEN XCHANGE AND WORKFLOW SERVER**
Use a single proxy file for clips between Xchange and Workflow Server. This is useful to avoid duplicate renders, saving storage and processing. Note, due to browser caveats, the shared proxy will only play 1 stereo pair of audio, and does not support audio splitting. If this is required for editing proxies in an NLE, it is recommended that other (IR-2024)
- **MONTERAY SUPPORT FOR CREATIVE BRIDGE**
Official support for Mac OS Monterey when using Creative Bridge. (IR-1871)
- **ALLOW DELETE OF MULTIPLE PROJECTS**
Multiple projects can be deleted at once through the API. (IR-2451)
- **ALLOW SECONDARY TEMP FOLDER IN ADOBE XCHANGE PANEL**
Specify a second xchangetemp folder for transferring to Xchange. This is useful when using multiple storage systems with different mounting access rights between creative teams. (IR-2228)
- **SPECIFY BATCH SIZE IN ADOBE XCHANGE PANEL**
Configure a batch size of up to 400 for registering files to Xchange in the Adobe Panel. (IR-2163)
- **SPECIFY TRANSCODE POOL IN RENDER**
Specify the pool when using Transcode Agents to render videos. (IR-2034)
- **PERFORMANCE IMPROVMENTS TO RENDERS**
Rendering using Xchange Render nodes now operates 4x faster than previous iterations. This leads to faster turnaround time for usage of edit proxies. (IR-2997)

BUGS ADDRESSED

- LDAP login fails with passwords that have special characters. (IR-2763)
- Verifying xcopy commands to S3 mounted storage result in error code 4. (IR-2682)

- Xchangetemp folder does not get cleaned up after processing media. (IR-2566)
- Incorrect in and out point when generating subclips. (IR-2546)
- Exporting short files to Xchange from the Panel results in zero-byte files. (IR-2516)
- Expanding description field in Create Subclip window causes windowing issues. (IR-2497)
- Workspace annotations Panel does not update when taking action that deselects clips. (IR-2493)
- Non-admin users cannot modify annotation data in Workspaces. (IR-2489)
- Duration does not update after changing in and out on annotation. (IR-2481)
- Rough Cuts feature shows in Panel when not licensed. (IR-2411)
- Project Status in Project Dashboard doesn't refresh status changes. (IR-2386)
- Various issues with Transfer Manager in Panel. (IR-2395)
- Support contact information was out of date. (XS-1959)
- Create Marker without Name Pop up fails to create. (IR-2138)
- Downloading sub-clip from growing file in XDCAM EX no longer results in unsynced audio and video. (IR-2787)
- Sub-clip in and out points show NaN when downloaded from growing file. (XS-2280)

CERTIFICATIONS

- **OPERATING SYSTEMS**

Windows 2019

Windows 10

Mac OS 10.15.7 – Catalina

- **BROWSERS**

Chrome 96.0 (Windows and Mac)

Safari 15.0

- **EDITORS**

Adobe Premiere 15.4.1
Adobe Photoshop 22.5.1
Adobe After Effects 18.4.1
Adobe Illustrator 25.4.1
Apple FCPX 10.4.8

- **UPGRADES**

v9.0

v8.2.1

- **Workflow suite**

v8.0.2

VERSION 9.0.1 – MARCH 2022

WHAT'S NEW

- **DEFAULT NAME FOR ANNOTATIONS**

Creating an Annotation without specifying a name defaults to the name of the button and timecode of the Annotation. This can improve the speed of adding annotations when logging. (XS-1961)

- **ROUGH CUT ACCESS PERMISSION**

Access to Rough Cuts can now be specified on a role basis, instead of only for admins. This can be used for more granular permission assignments. (IR-1886)

- **ANNOTATION METADATA VALUES DISPLAY**

Annotation metadata can be configured to be displayed in the annotation list view. This can be used to display additional information about an annotation for quick review. (IR-2194)

BUGS ADDRESSED

- Rendering empty Rough Cut freezes UI. (IR-1890)
- Non-ASCII characters synced from Workflow Server show with incorrect characters. (IR-2110)
- Workspace button to Create Annotation unloads video from player when clicked. (IR-2129)
- Failing to create a project leaves an infinite loading spinner. (IR-1827)
- Entering annotation details removes selected highlight. (IR-2197)
- Automatically updated password when upgrading to 9.0.1. (XS-1972)
- Annotation metadata configuration for buttons in workspace is missing. (IR-2141)
- Files with special characters fails to archive. (IR-2277)
- Date fields in Safari open with "NAN-NAN-NAN" in Project Dashboard. (XS-1983)
- Restore Job on Clip fails to mark as "Restored" on first attempt. (IR-2227)

VERSION 9.0.0 – DECEMBER 2021

WHAT'S NEW

- **LIVE INGEST PREVIEW**

Playback and log proxy of live ingest happening on Workflow Server in Xchange web browser.

- **INTEGRATION WITH BACKBLAZE CLOUD STORAGE**

Certified integration with Backblaze cloud storage for archiving clips.

- **IBM Cloud BLOCK STORAGE SUPPORT**

Certified integration with IBM Block Storage for archiving clips.

- **ROUGH CUT FROM IN/OUT IN MEDIA PLAYER**

Added an "RC" button to the Media Player to create a Rough Cut from an in/out in the Media Player into the selected Rough Cut Playlist.

- **NEW AUTHENTICATION SIGNATURE**

Added option to use signature-based authentication between Workflow Suite and Xchange.

- **SEPARATION OF DELETED PROJECT PERMISSIONS**

The "Delete Project" permission items have been separated into the following "Delete Project Only", "Delete Project and Media" and "Delete Project Media Only".

UPGRADE NOTE

Users with the previous "Delete Project" permission will inherit "Delete Project Only" and will require a manual change for the other two new permissions.

- **METADATA CHECK REQUEST IN PROJECT ARCHIVE**

Added the ability to check asset metadata fields in order to skip items when sending Projects to archive workflows.

- **NEW WORKFLOW KIT PRIORITY OPTIONS**

Added option to prioritize older renders vs spreading the requests over all jobs.

- **DELETED FROM ARCHIVE STATUS**

Media that has been archived and then deleted from archive will now be indicated with an orange dot.

- **CONFIRMATION FOR PROJECT ARCHIVE REQUESTS**

Added a confirmation dialog when project archive requests are triggered.

- **SYNC UPLOADER TO CLIP METADATA**

Added userEmailMetadataField to UPLOAD_METADATA_SETTINGS option to synchronize the uploading user for a clip.

BUGS ADDRESSED

- Pop window completely cut off in the Project Dashboard. (XS-1867)
- Project History tab showing invalid date in the date / time column. (XS-1866)
- Project with no media still being sent to Archive. (XS-1865)
- Search icon out of place in the Elastic Data Viewer. (XS-1859)
- JKL Hotkeys not working on media player in Elastic Data Viewer. (XS-1858)
- Scrubbing slider does not move when dragging outside of the slider area. (XS-1857)
- Project Search with "Is" operator not matching correct results. (XS-1856)
- Collections not sorting correctly on "Due Date" in Project Dashboard. (XS-1848)
- Cancelling active and queued Workflow head was showing "no instance" message. (XS-1845)
- Workspace Annotation Comments were not opening. (XS-1840)
- Projects could not be searched by date. (XS-1836)
- Media could not be searched by date. (XS-1835)
- Reordering of Rough Cut media was causing Rough Cut to be duplicated. (XS-1830)
- Subclip thumbnails inside Rough Cut Playlists do not show. (XS-1829)
- Subclip metadata failed to synchronize between Xchange and Workflow Server. (IR-1608)
- Files attached from the "Files" tab show incorrect upload time. (XS-1726)
- Subclip is created when selected out point time is lower than in point time. (XS-1724)

- Field configurations with Type "Time" are not retained when edited. (XS-1694)
- Sidecar file download presents a "File not found" error. (IR-1561)
- Media thumbnail not formatted properly when loading media. (IR-1495)
- Downloading subclips with many resolutions makes dropdown inaccessible. (IR-1485)
- audioPassthrough option not retaining source audio. (IR-1528)
- Project Smartbins are only showing placeholders. (XS-1683, IR-1372)
- Newly added annotations appear out of order. (IR-1468)
- Clicking off Annotation with a pending change does not save. (IR-1459)
- Using commas while searching in Farsi does not split terms. (IR-1402)
- Dropping property into Smartbin does not get added to the configuration. (IR-1400)
- Project Smartbins were showing for Groups without access. (IR-1371)
- Archived clips do not show green dots. (IR-1379)
- Workspace clips quality dropdown options show original quality for flushed clips. (IR-1369)
- Screen turned black when clicking into search or any filters in Elastic Data Viewer. (XS-1582)
- Hovering quickly over multiple projects and Rough Cuts leaves multiple tooltips visible at the same time. (XS-1564)
- days_ago filter in Workspace shows incorrect options. (IR-1264)
- Setting form property with "allow multiple" enabled shows bubbles for every character. (IR-1263)
- Syncing tags between Workflow Server and Xchange with a single value fails. (IR-1187)
- Unable to select different clips while page is refreshing. (IR-1161)
- Batch Metadata change presents "no metadata set" error. (IR-1160)
- Images in Workspace open zoomed-in by default. (IR-1152)
- LDAP Authentication fails when username contains a period. (IR-1150)

- Annotations don't have thumbnails while ingesting. (XS-1445)
- HLS proxy not showing when during ingest. (XS-1444)
- Uploader does not show all subfolders in Projects. (IR-1128)
- Date filters in Smartbins show the incorrect operator values. (IR-1125)
- Custom date filters don't work in Advanced Search. (IR-1108)
- "Allow multiple" fields were still editable even as read-only. (IR-1101)
- Loading Library bins with a lot of media in the database take a long time. (IR-2004)
- Synced custom date properties do not match between WFS and Xchange. (IR-1809)

CERTIFICATIONS

- **OPERATING SYSTEMS**

Windows 2019
Windows 10
Mac OS 10.15.7 – Catalina

- **BROWSERS**

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Safari 15.0

- **EDITORS**

Adobe Premiere 15.4.1
Adobe Photoshop 22.5.1
Adobe After Effects 18.4.1
Adobe Illustrator 25.4.1
Apple FCPX 10.4.8

- **UPGRADES**

v7.0
v8.0

- **Workflow suite**

v8.0

KNOWN ISSUES

- When a metadata form is updated with a unique action, occasionally the metadata form may default to the previously selected metadata. (XS-3466)
- If a storage is slow, it may affect the speed of loading in the Files tab. A workaround is to set `UPLOADER\_SETTINGS restrictStorage: false` in the config setter which removes an extra check that can delay loading. (IR-1194)
- Adobe Suite 2021 removed the API for remote cluster rendering. Due to this, we do not support a remote render cluster using Adobe 2021. Adobe 2020 is still supported. (XS-1828)
- Using up and down arrows while entering multi-line text for an annotation in Streamline Xchange, the arrows may change the selected annotation on the right-side. (XIR-3766).

GETTING HELP

- Product's Online Help system opens in your default web browser.
- 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), technical support personnel are available by telephone.
- 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. These people are available to react to any problem and to do whatever is necessary to ensure customer satisfaction. For serious issue which need urgent attention and tracking, please ensure you are given a ticket number and refer to this in future communications.
 - Technical Support: (+1) 613-652-4886
 - After Hours Emergency: (+1) 613-349-0006