RELEASE NOTES

CAMIO 5.5.2 Release Notes

May 2025

SINCE DAY ONE.

Chyron CAMIO Release Notes • 5.5.2 • May 2025 • This document is distributed by Chyron in online (electronic) form only, and is not available for purchase in printed form.

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Release Notes: CAMIO version 5.5.2

Release Date: May, 2025

Summary

New Features

Many small to medium size new features have been introduced in this release to improve the user's efficiency when completing tasks in CAMIO. These appear in:

- Admin tool
- Asset Manager
- LUCI
- Media Engine

Improvements

This release contains some substantial platform level improvements that improve stability and scalability, building foundations to deliver future features in a robust way. These platform improvements include:

1. Changing the messaging platform to Rabbit MQ
2. Upgrading .Net to .Net 8.0
3. Introducing gRPC as the internal CAMIO API protocol

Upgrade path

CAMIO 5.5.2 is backwardly compatible with all CAMIO 4 & 5 versions.

Installers

The CAMIO installers have been simplified to require fewer separate components to be installed. See below a before and after comparison:

Installers - Pre 5.5	Installers 5.5
CAMIO	CAMIO
DR	
Endpoint	
CAMIO Licensing	
CAMIO Render	
Data Engine	
LUCI	
Media Maker and Renderer	
MOS XML Plugin	
CAMIO NLE Plugin	CAMIO NLE Plugin
CAMIO relay agent for Axis	CAMIO relay agent for Axis
LUCI Containers	CAMIO NRCS Containers
Hubdrive Client	FileSync Client
Hubdrive Server	FileSync server
ISQ Service	ISQ Service
ISQ Viewer	ISQ Viewer

Bug Fixes

Numerous bug fixes have been addressed to improve stability and performance.

Software Compatibility

Product	Type	CAMIO 5						CAMIO 4		
Adobe		5.5	5.4	5.3	5.2	5.1	5.0	4.11	4.10	4.9
Premiere 2020 to 2024 (24.1)	NLE	✓	✓	✓	✓	✓	✓	✓	x	x
AP										
ENPS 6	NRCS	x	x	x	x	x	x	✓	✓	✓
ENPS 7.4	NRCS	✓	✓	✓	✓	✓	✓	✓	✓	✓
ENPS 8.4	NRCS	✓	✓	✓	✓	✓	✓	✓	✓	✓
ENPS 9.4	NRCS	✓	✓	✓	x	x	x	x	x	x
Avid										
iNews 3.5 to 4	NRCS	x	x	x	x	x	x	✓	✓	✓
iNews 5.0 to 6.3	NRCS	✓	✓	✓	✓	✓	✓	✓	✓	✓
iNews 7.0 to 7.5	NRCS	✓	✓	✓	✓	✓	✓	✓	✓	✓
iNews 7.6 to 7.7	NRCS	✓	✓	✓	✓	✓	✓	✓	✓	✓
iNews 8	NRCS	✓	✓	x	x	x	x	x	x	x
iNews 9	NRCS	✓	✓	x	x	x	x	x	x	x
MediaCentral CloudUX 2021.7.2	NRCS NLE	✓	✓	x	x	x	x	x	x	x
Media Composer 8 to 2023.12.0	NLE	✓	✓	✓	✓	✓	✓	✓	x	x
CGI										
Open Media 4.2	NRCS	x	x	x	x	x	x	✓	✓	✓
Open Media 4.4	NRCS	✓	✓	✓	✓	✓	✓	✓	✓	✓
Dalet										
Galaxy (v4)	NRCS	✓	✓	✓	✓	✓	✓	✓	✓	✓
Galaxy 5	NRCS	✓	✓	✓	✓	✓	✓	x	x	x

Chyron

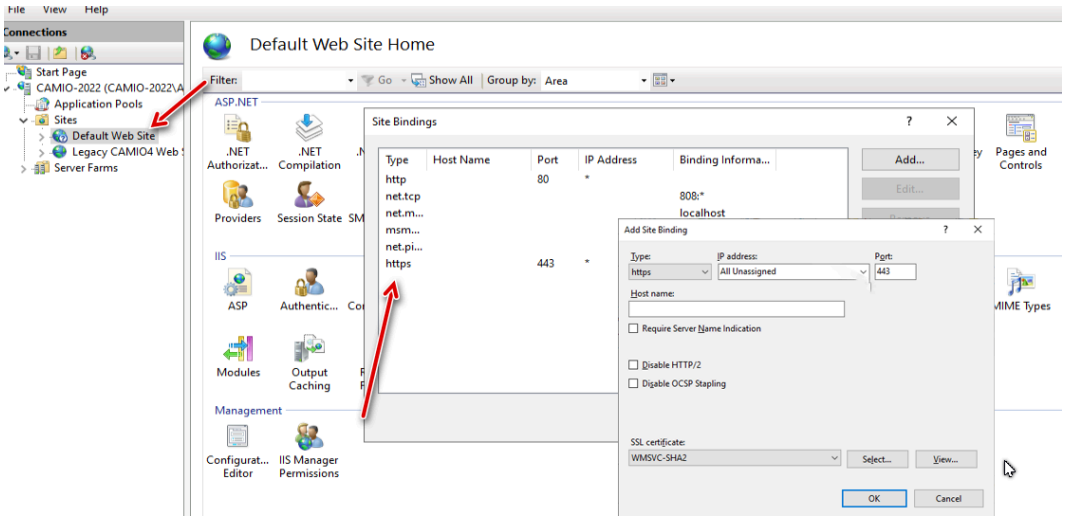
Grass Valley										
Edius 8	NLE	✓	✓	✓	✓	✓	✓	✓	✓	✓
Edius 9	NLE	✓	✓	✓	✓	✓	✓	✓	x	x
Edius 10	NLE	✓	✓	✓	✓	✓	✓	✓	x	x
Octopus										
Octopus 8 to 11	NRCS	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ross										
Inception 14	NRCS	✓	✓	✓	✓	✓	✓	✓	✓	✓
Inception 15	NRCS	✓	✓	✓	x	x	x	✓	x	x
SNEWS										
Arion 3	NRCS	✓	✓	x	x	x	x	x	x	x
7Mountains										
Dina 1	NRCS	✓	✓	x	x	x	x	x	x	x
Web Browser										
Chromium 75 or higher	Browser	✓								
Microsoft										
Windows 10	OS	✓								
Windows 11	OS	✓								
Windows Server 2019 Standard	OS	✓								
Windows Server 2022 Standard	OS	✓								

Prerequisites

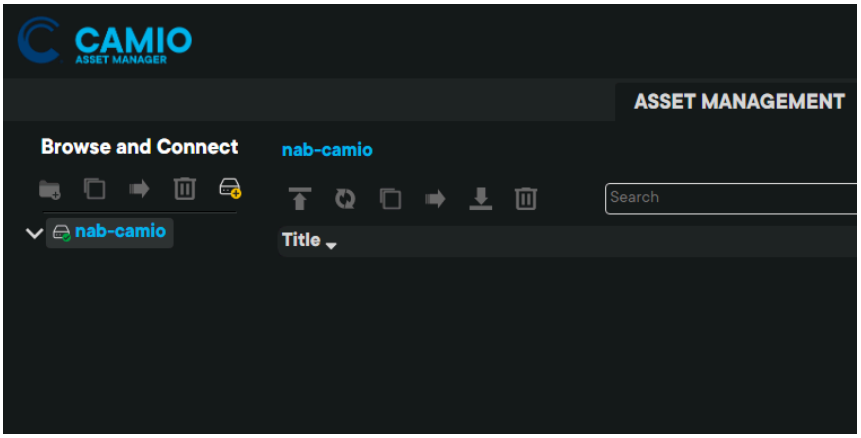
Enable HTTPS Binding in Windows IIS

With CAMIO build 5.3 and onward several services are using HTTPS communications even if LUCI has been set to HTTP during the installation process. Therefore it is necessary to add the HTTPS Binding within IIS. To do so,

- Open Windows IIS Manager on the CAMIO Server
- Under Sites, right click on the Default Web Site and select “Edit Bindings…”
- If no “https” binding exists, click on Add…
- On the displayed window, select ‘https’ for the Type and ‘WMSVC-SHA2’ (or a valid certificate) for the SSL Certificate, then click OK and Close



If this configuration is not properly set, CAMIO Asset Manager should display an empty panel:


CAMIO
ASSET MANAGER
ASSET MANAGEMENT
Browse and Connect
nab-camio
Search
nab-camio
Title

New Features & Improvements

CAMIO: Admin Tool

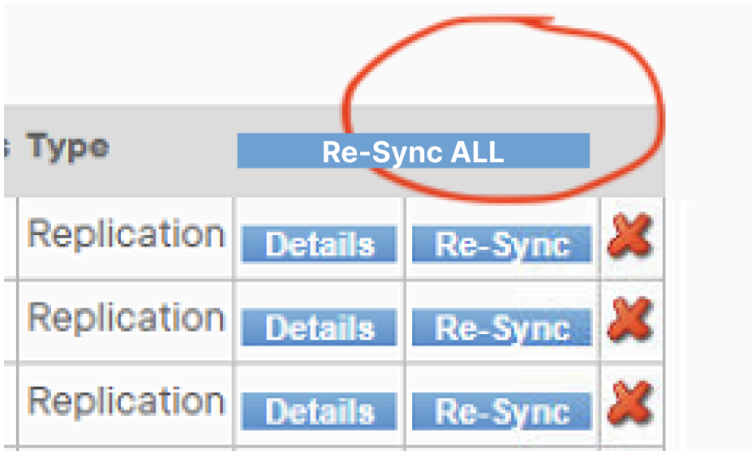
CAM-7045 Sort Replications

In the Admin Tool> Replication Management page, CAMIO replications can now be sorted by the following columns by clicking on the column header:

- Source CAMIO
- Source CAMIO path
- Destination CAMIO
- Sync deletions

CAM-7046 Resync All Button for Replication Management

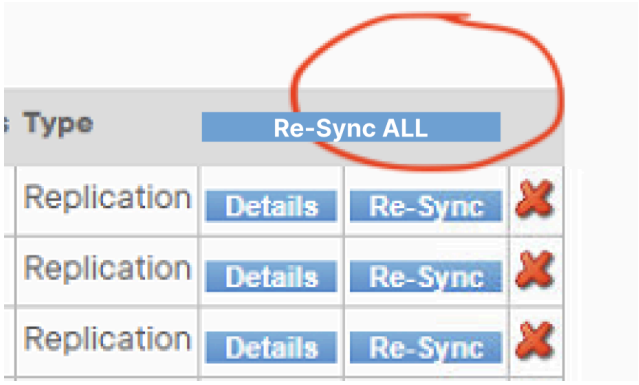
It is now possible to re-sync all replications via the Admin Tool \- Replication Management page. A Resync All button is now available which will resync all replications across all CAMIOs in the group.



CAM-7047 Resync All Button for LUCI Autofill

It is now possible to all LUCI Autofills via the Admin Tool \- Replication Management page.

A Resync All button is now available which will resync all LUCI Autofills across all CAMIOs in the group.

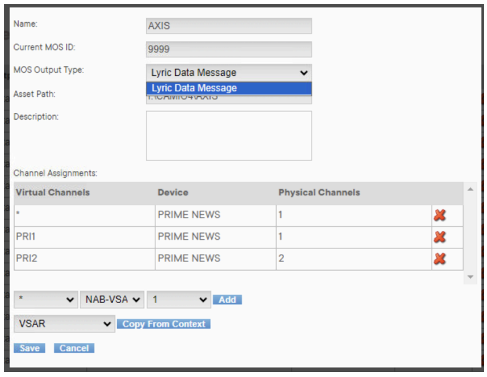


CAM-7048 Remove Dropdown Menus That Have Only One Option

Admin tool \- the following drop\-down that only had one value have been removed:

* Administration \-> Contexts \-> Create New Context \-> MOS Output Type

* Administration \-> Replication Management \-> Create New Replication \-> Replication Type

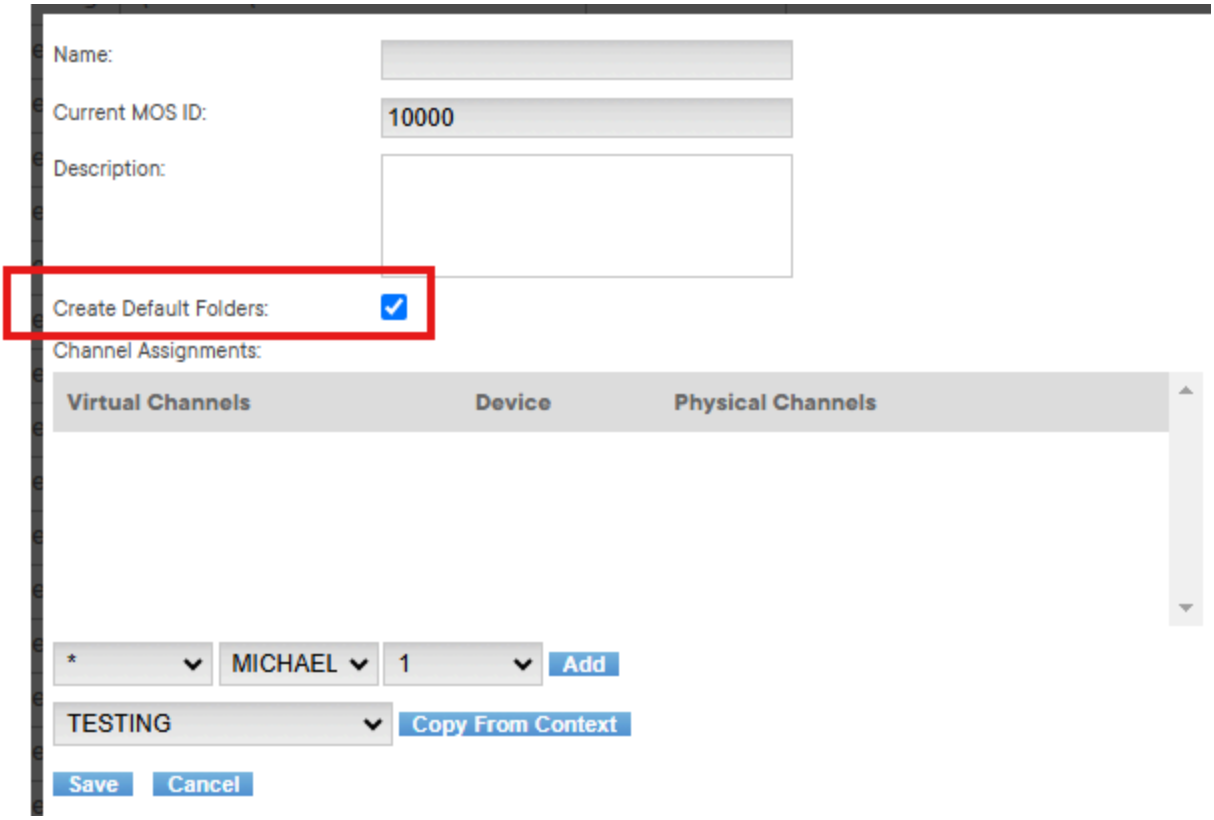


CAM-7050 Automatic Folder Structure Creation When Creating Contexts

In the CAMIO Admin Tool it is now possible to create a default folder structure of

- Clips
- Images
- Scenes

when create a new context, by selecting the Create default folders checkbox.



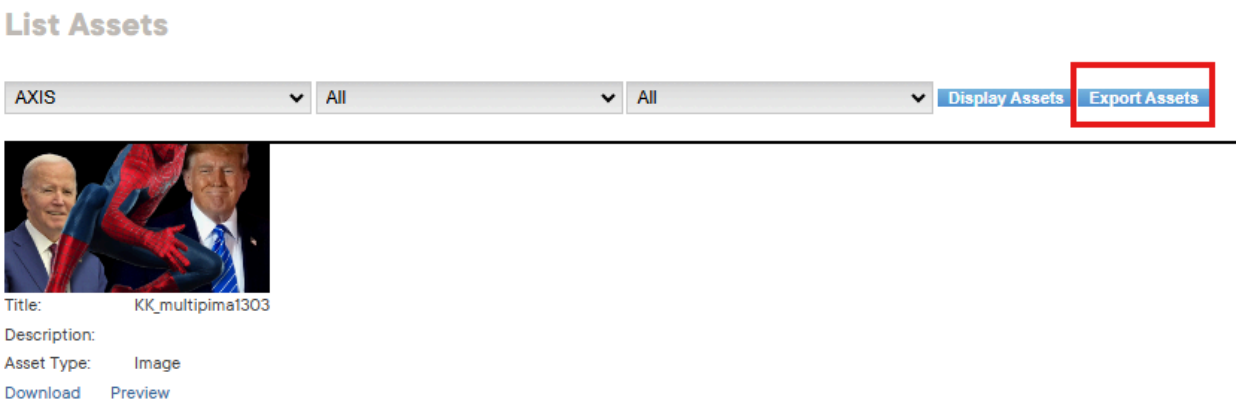
CAM-2825 CAMIO Asset List export

From the Admin Tool \- List Assets page, it is now possible to download the full list of assets in the Asset Manager. The downloaded file contains

- thumbnail

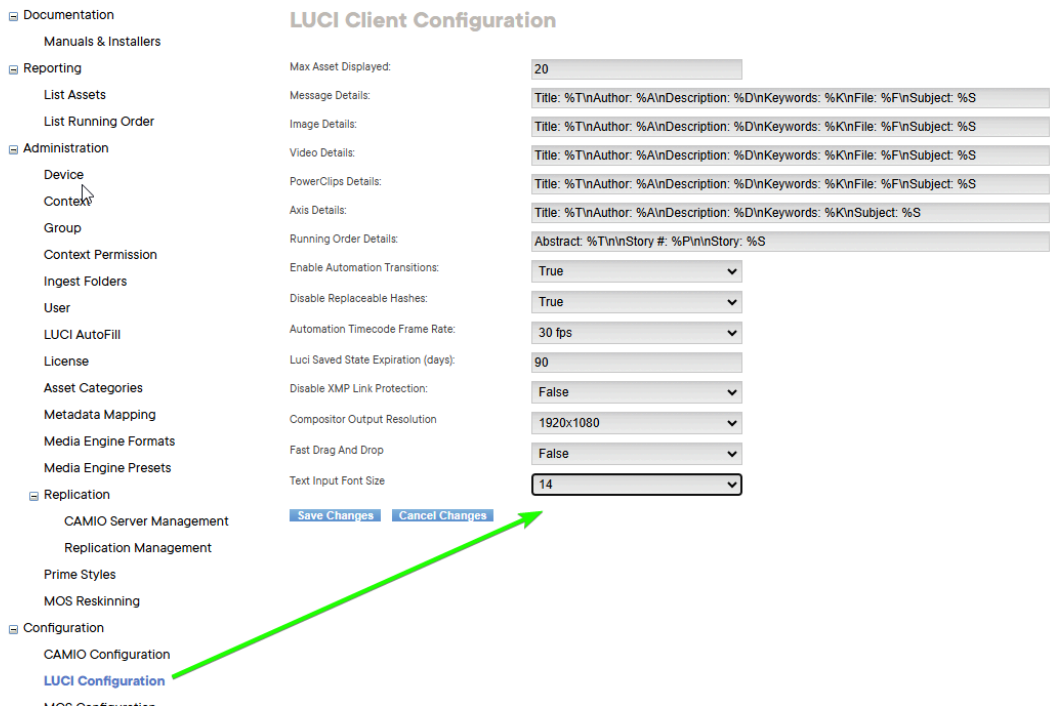
- filename
- title
- description
- asset type

for each asset. Files are downloaded in htm format.



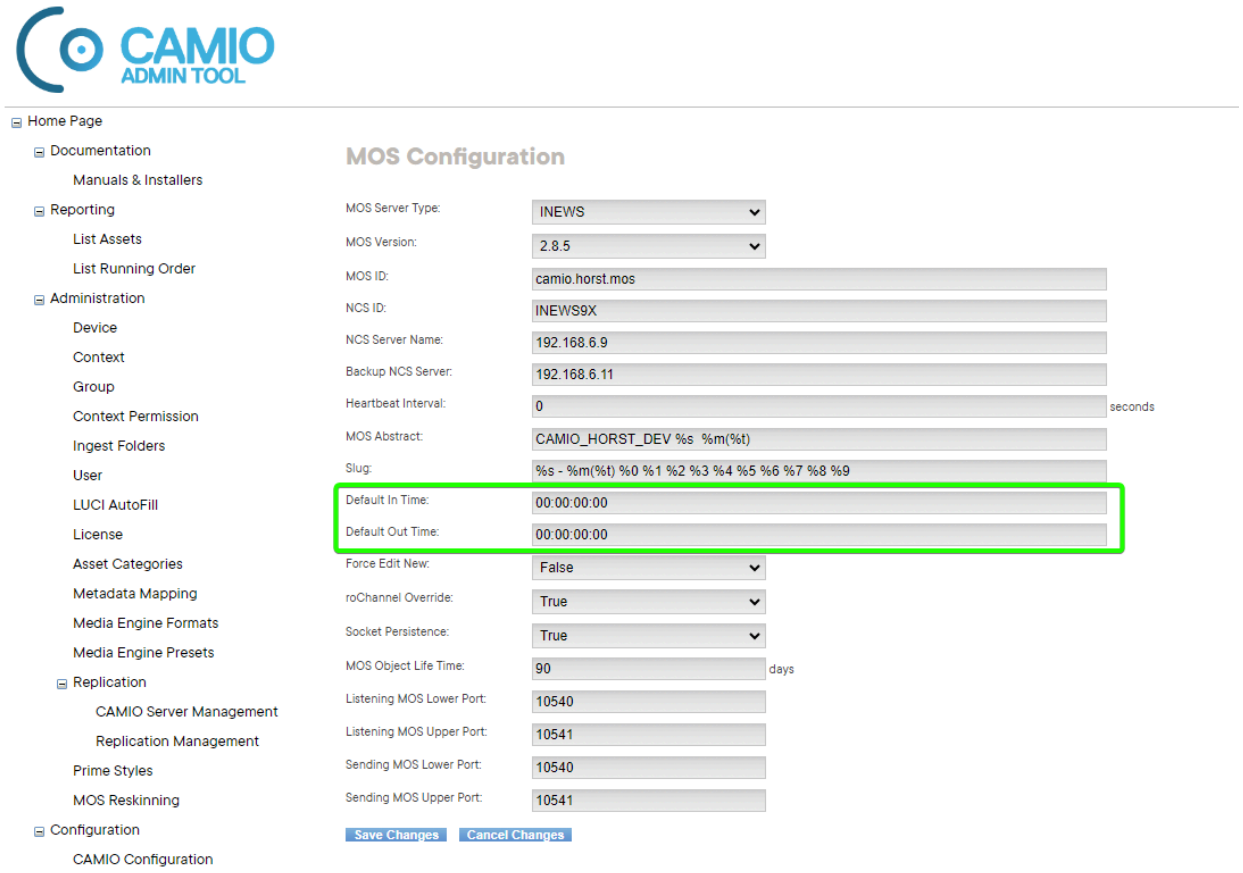
CAM-5803 Configurable Font Size for text inputs

The font size used in LUCI can now be changed via the Admin tool> Configuration> LUCI Configuration. The default is 14pt.



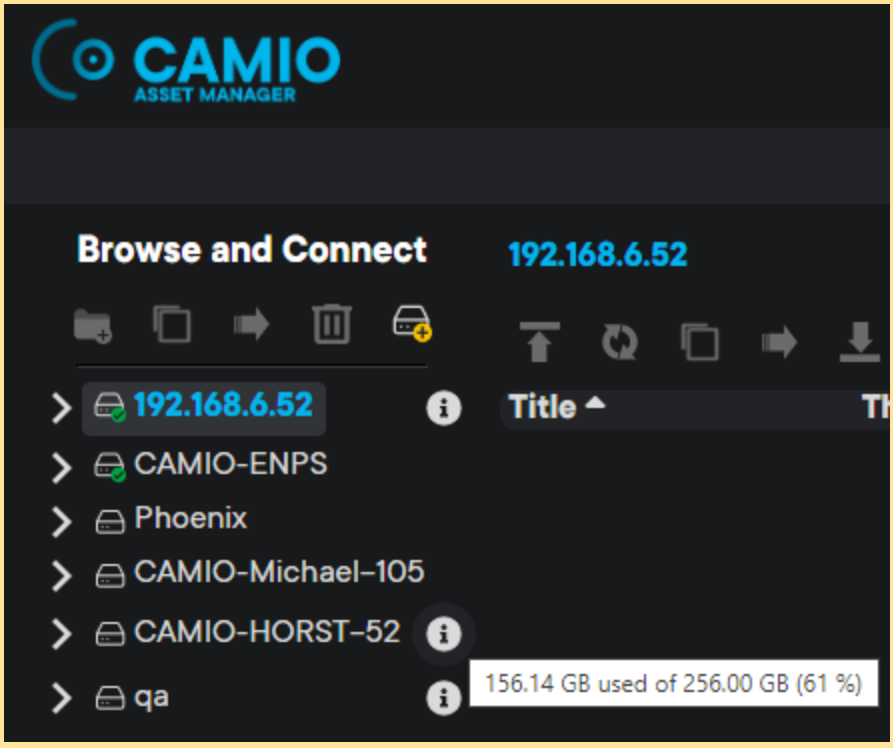
CAM-7575 Add an option to set default In and Out timecodes in Admin tool and LUCI

Customers face an issue where, due to the behavior of certain 3rd party playout automation software, they require the ability to have non-zero time codes in LUCI. Defaults for LUCI in and out time codes can now be set in the Admin tool> MOS Configuration.


CAMIO
ADMIN TOOL
Home Page
Documentation
Manuals & Installers
Reporting
List Assets
List Running Order
Administration
Device
Context
Group
Context Permission
Ingest Folders
User
LUCI AutoFill
License
Asset Categories
Metadata Mapping
Media Engine Formats
Media Engine Presets
Replication
CAMIO Server Management
Replication Management
Prime Styles
MOS Reskinning
Configuration
CAMIO Configuration
MOS Configuration
MOS Server Type: INEWS
MOS Version: 2.8.5
MOS ID: camio.horst.mos
NCS ID: INEWS9X
NCS Server Name: 192.168.6.9
Backup NCS Server: 192.168.6.11
Heartbeat Interval: 0 seconds
MOS Abstract: CAMIO_HORST_DEV %s %m(%t)
Slug: %s - %m(%t) %0 %1 %2 %3 %4 %5 %6 %7 %8 %9
Default In Time: 00:00:00:00
Default Out Time: 00:00:00:00
Force Edit New: False
roChannel Override: True
Socket Persistence: True
MOS Object Life Time: 90 days
Listening MOS Lower Port: 10540
Listening MOS Upper Port: 10541
Sending MOS Lower Port: 10540
Sending MOS Upper Port: 10541
Save Changes
Cancel Changes

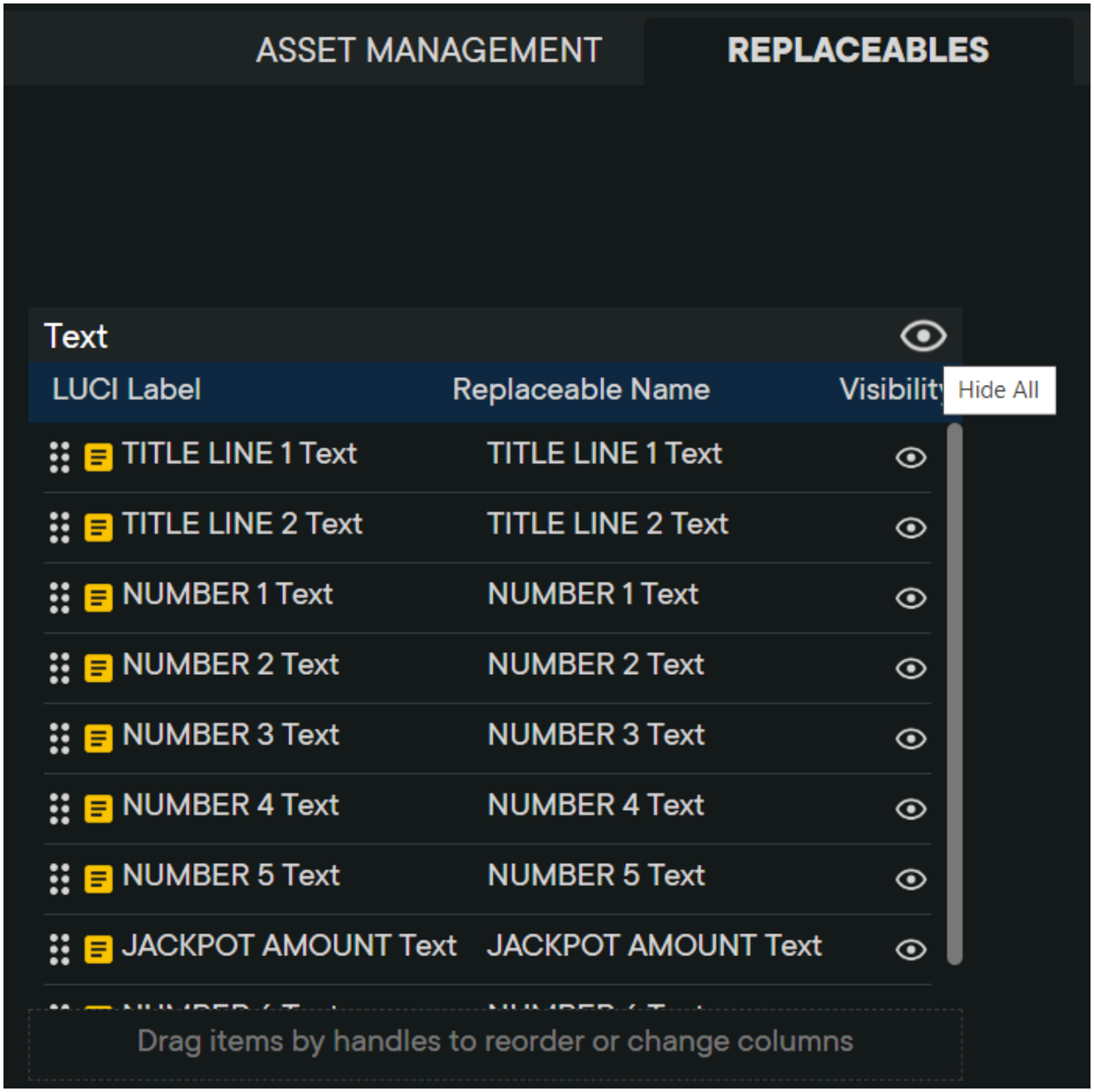
CAM-7084 Disk space indicator

Hovering over the i icon in the Asset Manager> Asset Manager left hand panel now shows a tooltip with used and available disk space.



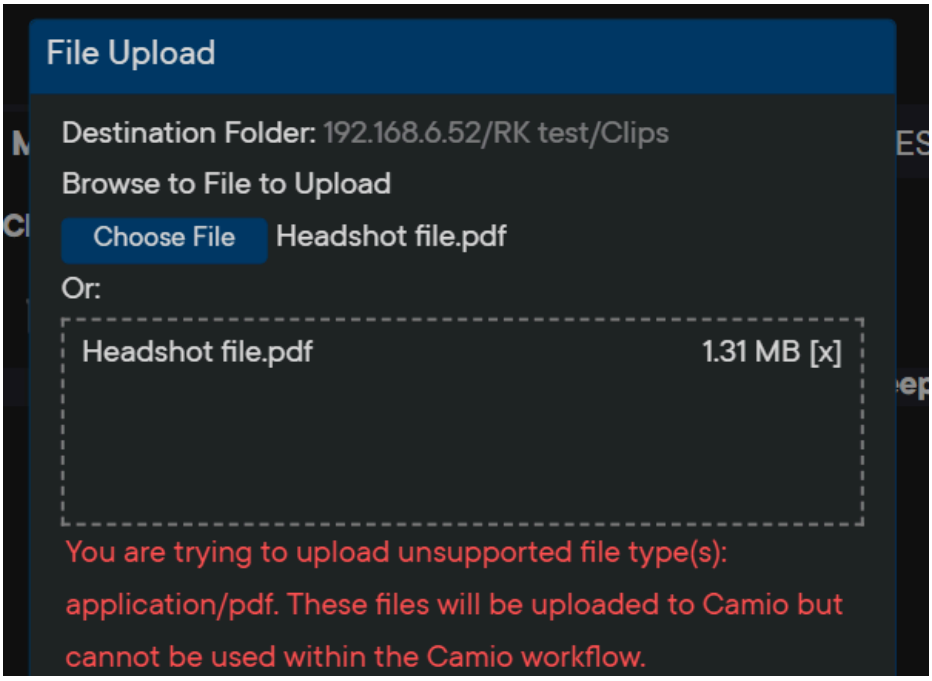
CAM-7049 Hide all/Unhide all Button for Replaceables

Sports customers may have hundreds of replaceables per scene. Many of these may not be updateable in LUCI and can be hidden using the Replaceables tab in Asset Manager. This has now been may more efficient so that all replaceables can be set to hidden and only specific replaceables can then be made visible. This saves time when needing to hide all replaceables but can be used to view them all and remove only specific replaceables as well.



CAM-6556 Add a validation warning to Upload in Asset Manager

A warning message has been added in Asset Manager when unsupported file types are being uploaded. The user can ignore the warning and still upload the files if they wish, but they can't be used in the Camio workflow.

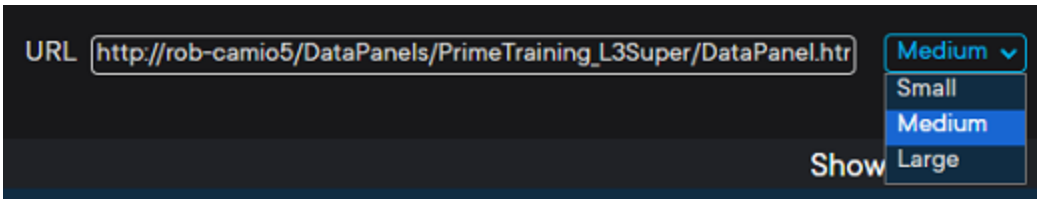


CAM-6334 Compose Tool availability even when linked to Axis

When CAMIO is linked to Axis, the Compose Image button used to link through to placing an order in Axis and the ability to compose an image was not available. This has now been changed so that the Compose Image button is always displayed regardless of whether the Axis option is available or not.

CAM-7365 Bring back custom data panels

Custom data panels have been reinstated with a new feature to be able to select a different sizing of the edit window when template is open.

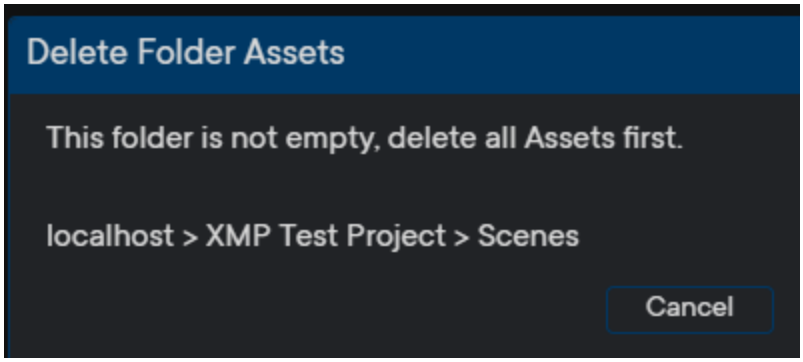


CAM-7395 Consolidate logging throughout CAMIO

Log files in CAMIO have been largely consolidated with exceptions.

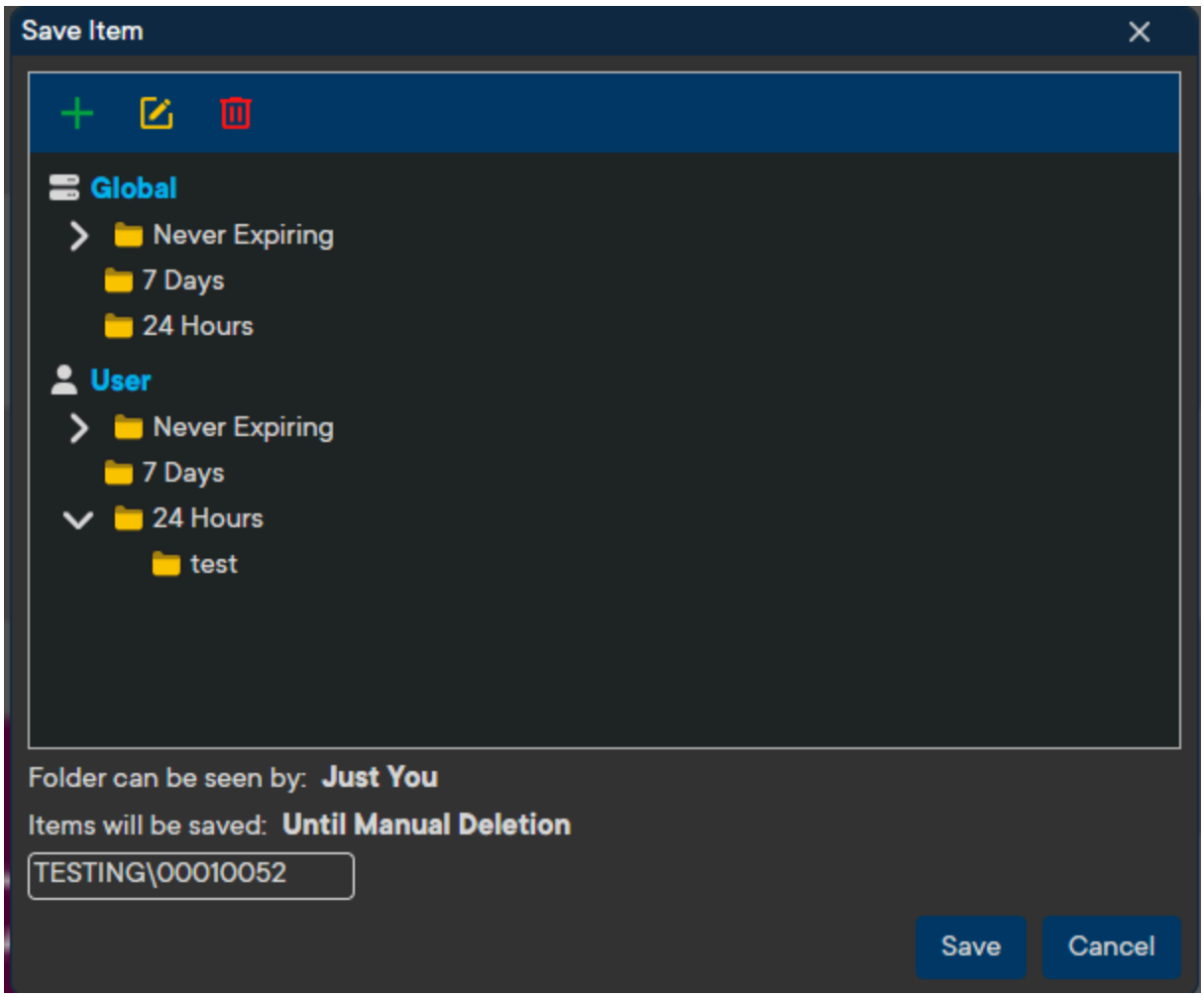
CAM-5481 Asset Manager - Disable Folder Deletion if not empty

In the Asset Manager folder tree, right-clicking and selecting Delete will now present a warning message if the folder is not empty. All files within the folder must be deleted before the folder can be deleted.



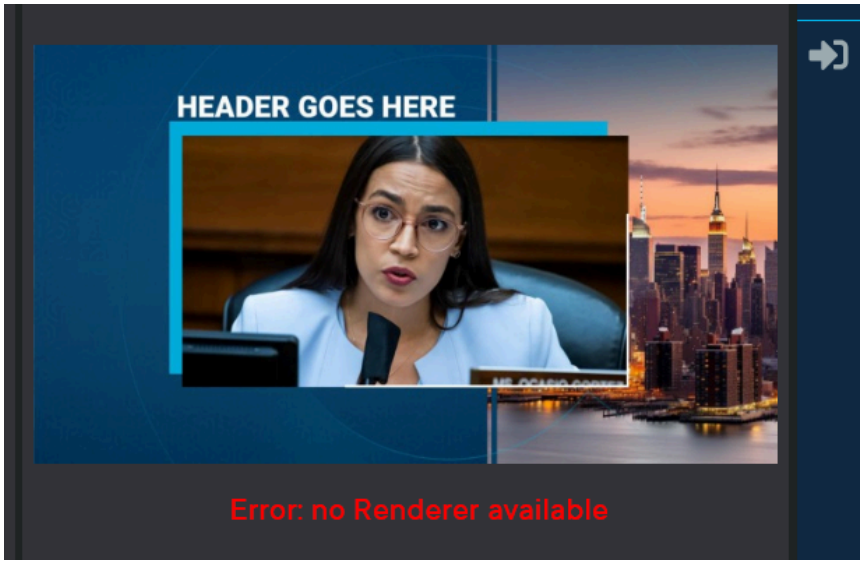
CAM-5739 Capability to name a Saved Item

The LUCI Save function now has an editable text field with the MOS Abstract (e.g. “TEST\00010045 (L3 Super)”) as a default value



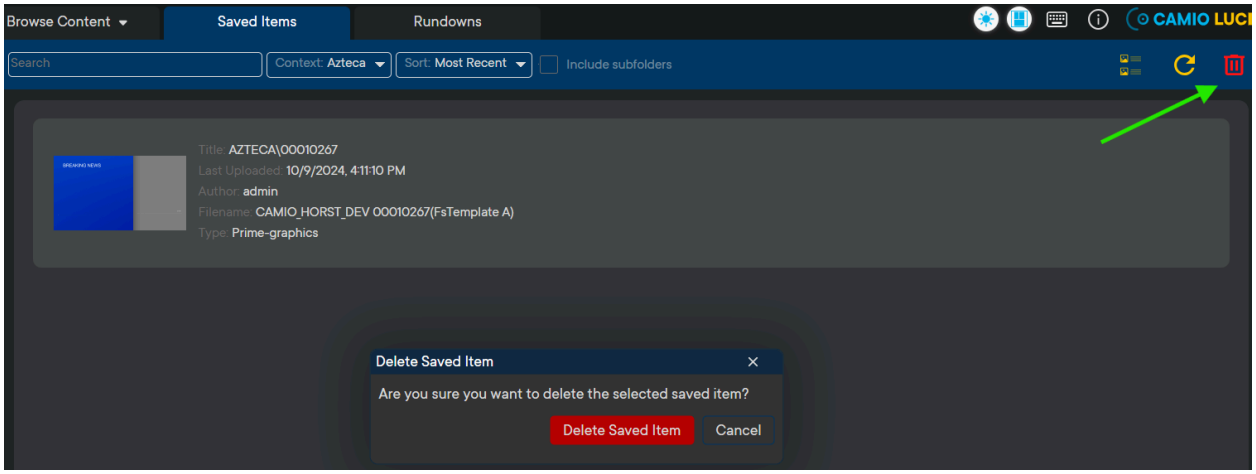
CAM-5650 Message when no Renderer is available or an error occurs

When trying a preview in LUCI, if no renderer is available or a rendering error occurs, a message is now displayed , so it is clear to users what the problem is.



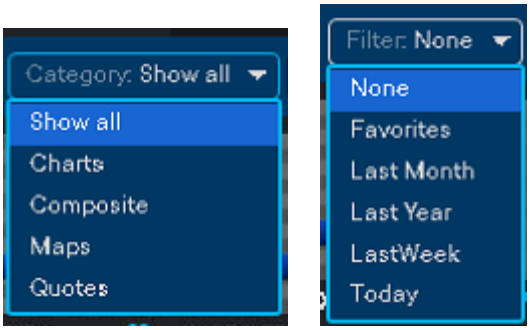
CAM-5646 Saved Items - Delete button icon changed

In the Luci Saved Items tab, the Delete icon has been changed to a trashcan to be consistent with the rest of the UI.



CAM-5903 Sort Categories and Filters in alphabetical order

The Category and Filter lists were ordered by creation time. They are now sorted in alphabetical order to ease of use.

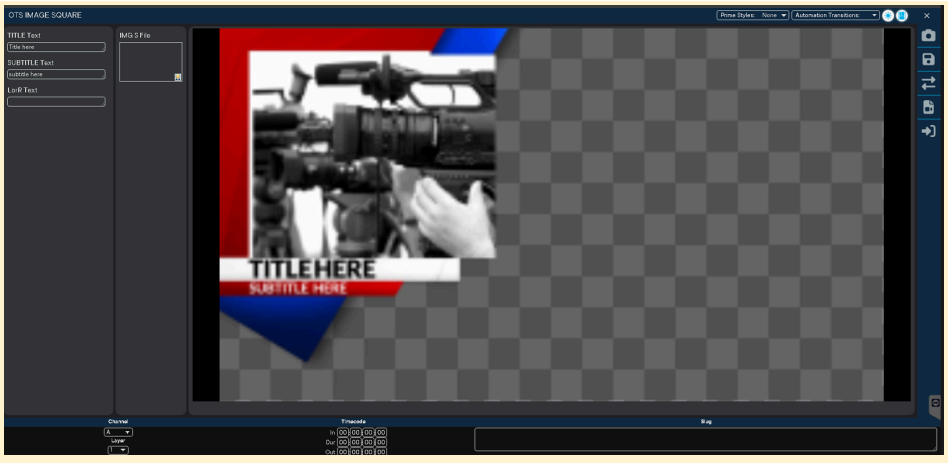


CAM-5907 Exclude Contexts names from the search

Context names are now excluded from search results in LUCI as too many, not relevant results were being returned.

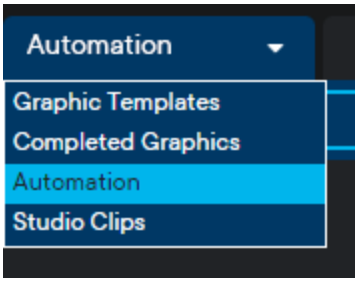
CAM-6381 Adjust Spacing in LUCI UI to Utilize Space for Larger Previews

LUCI previously had up to three equally spaced columns, one for text, one for media, one for the preview. Now the text and media replaceable columns are sized to fit, leaving all the remaining space for the preview image.



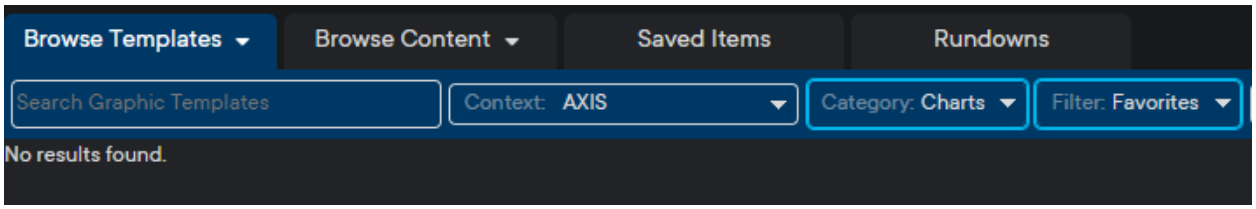
CAM-6392 Rename the "Browse Templates" tab depending on the selected sub-menu

Within the Browse Templates menu, the name of the selected template is now shown as the tab name.



CAM-6393 Highlight the Category or Filter fields when a value is selected

When a Category and/or a Filter option is selected the drop-down is highlighted to make it clearer that an option has been selected.



CAM-6344 Handle missing MOS Objects files with Error msg display

LUCI now gracefully handles the situation where MOS object files have been deleted from the file system

CAM-5657 Purge of the DataEngine jobs buckets

Preview and Render jobs stored in CAMIO DataEngine were immediately deleted when correctly executed, but stayed forever if not executed for any reason. The “Media Engine API Render Cleanup” scheduled job now includes the purge of the related DataEngine buckets.

CAM-6241 Media Engine Download and Play buttons do not work

In the Media Engine tool, the Download and Play buttons were rarely used and not functioning as expected so have been removed.

CAMIO 5.5 includes some architecture upgrades including:

- Migration to .Net 8.0
- Migrate of MSMQ to RabbitMQ

CAM-5896 CAMIO Technical Debt v.5.5

Various items of technical debt have been addressed to ensure stability and velocity of future developments

CAM-1908 Change CAMIO to true 64 bit System Service

- CAMIO Services now operate under the logged\-in user's account to align with Lyric's requirements.
- CAMIO now run as a system service for enhanced security and operations, eliminating the need for a logged\-in user.
- CAMIO services now installed as true 64\-bit services in the {{C:\Program Files}} directory

CAM-5902 Migrate whole Camio to .NET 8.0

CAM-6040 Migrate MSMQ to RabbitMQ

CAM-6410 Merge Licensing Installer to Camio installer

CAM-6411 Camio Installer Retry Start Services

CAM-6661 Embed License Updater to the Camio Installer

CAM-6769 Cleanup of Disaster Recovery Solution

CAM-6791 Introduce new Global State management system in LUCI and Asset Manager

Bug Fixes

- CAM-6418 LUCI with Axis - Allow Compose and Order when Context field is "Show All" in Image browser
- CAM-2380 Dropdown field does not show XMP link
- CAM-2457 Asset manager - Upload/Move etc. pop-ups are displayed relatively to the folder structure in navigation
- CAM-2459 Asset Manager Timeout issue
- CAM-2801 Replications - Deleting destination context does not delete related replications from other camio automatically
- CAM-3457 Compose Tool does not accept tiff images for upload
- CAM-3511 In the LUCI Saved Items tab, there is no option to display the items in Details view.
- CAM-5599 First Attempt at Replaceables Reorder of the List Jump Back to the Top (may be related to base scenes)
- CAM-5603 Asset Manager - Pushing Backspace in Character Limit Text Box Does Not Work Correctly
- CAM-5614 LUCI Autofill Text Boxes and Regular Text Boxes are Different Widths
- CAM-5644 LUCI - Axis Image "Waiting for Delivery" thumbnail is not updated after delivery
- CAM-5653 Camio User Password Change - no error message when entering a wrong Existing Password or New Password Confirmation
- CAM-5661 Media Engine Presets - Cannot rename a Preset
- CAM-5690 Camio Admin - LUCI users can be part of the Admins group
- CAM-5901 TempRendering folder seems to be missing
- CAM-5949 LUCI Search - & operator works only for values within the same metadata field
- CAM-5969 Camio AdminTool Getting Errors While Trying To Schedule Job
- CAM-5972 Image Category "Show All" do not Override all other check boxes
- CAM-6013 When using the Save Items I get all the Channels available on the system not just the ones for lyric or Prime.
- CAM-6020 Integration with Dina - Object Edit - Item ID set to 0 instead of received value
- CAM-6026 Hide Buttons in Inews 9.x
- CAM-6042 iNews 9.x rundowns are broken
- CAM-6080 Job Scheduling shows error message incorrectly
- CAM-6141 Rolling dates filters are missing in LUCI - add the 4 default ones
- CAM-6164 Cannot Edit/Create MediaEngine Presets
- CAM-6175 Database migrator to create a database when there's none

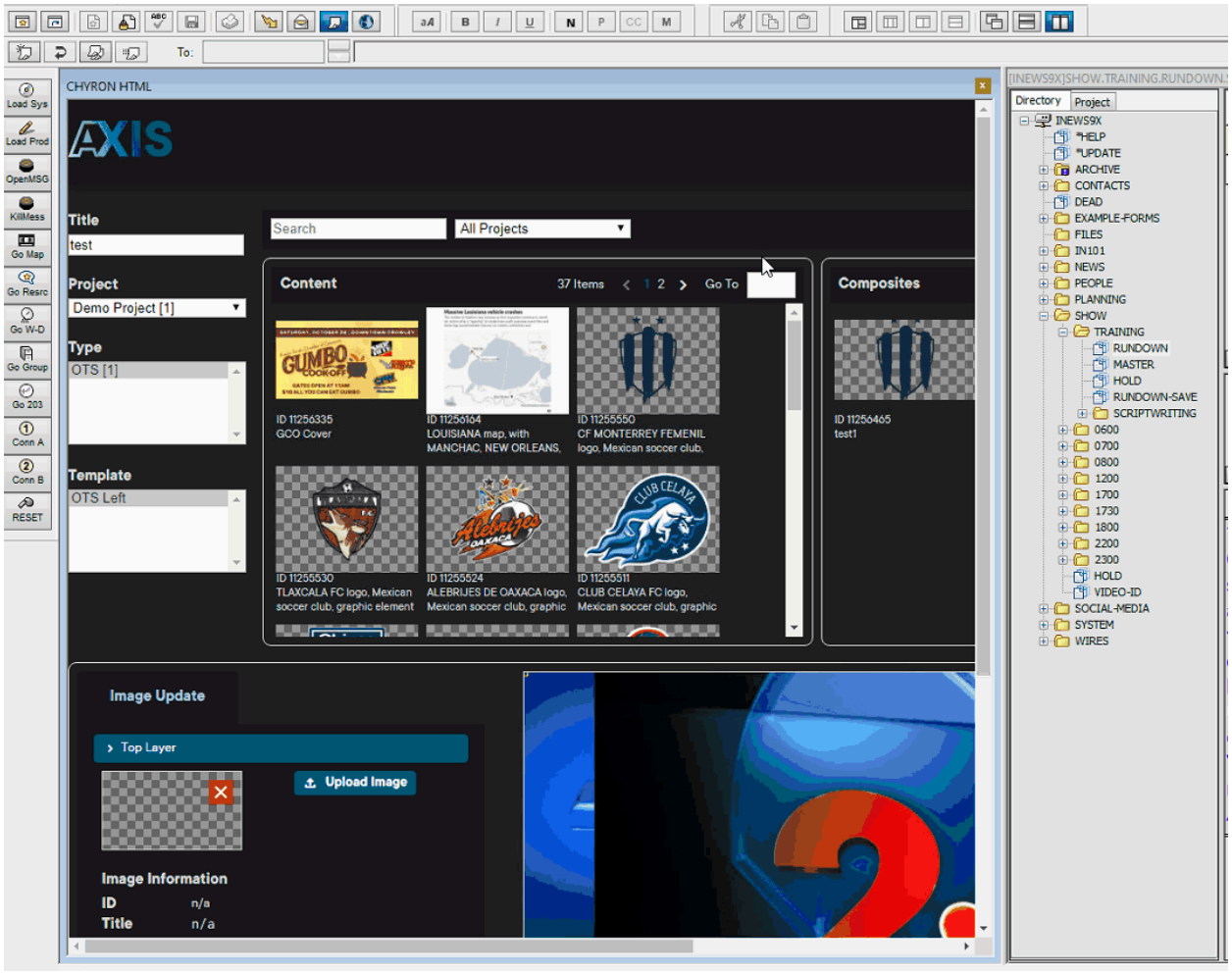
- CAM-6177 Dev environment - CORS policy issues
- CAM-6191 Luci Button is not showing on Camio Central/Home Page
- CAM-6194 MOS Redirection - created Folders in Asset Manager have an extra backslash
- CAM-6196 iNews 9 - Missing the new Close button in Axis delivery preview
- CAM-6197 CAMIO NLE Plugin - No Insert button if MOS Profile is 'INEWS 9X'
- CAM-6214 Rename IRB profile to Ross Inception
- CAM-6224 iNews 9 - Page Number and Story Slug are not correctly set in ISQ
- CAM-6226 LUCI in HTTPS mode - thumbnail not displayed when opening item for edit
- CAM-6231 Discrepancy in Alert Messages on Media Engine Configuration Page in admin tool
- CAM-6232 Admin Tool: Inconsistent Behavior of "Cancel Changes" Button in MOS and Camio Configuration
- CAM-6233 Admin Tool: Cancel Button Ineffectiveness in LUCI User Defaults Configuration After Making Changes
- CAM-6369 Asset Management Replaceables MultiSelect input properties not working correct
- CAM-6388 Render Service missing Dependency
- CAM-6419 Admin Tool: Issue with Single Click Behavior of "Create New Schedule Job" Button
- CAM-6436 Channel Assignment Option in LUCI Display in Order Created, not Alphabetically
- CAM-6437 Autofill Dropdown Menus Are Clickable Very Far Outside of their Text Boxes
- CAM-6438 Spell Check Doesn't Work on Autofill Text Fields
- CAM-6562 MOS Service - Errors with writing MOS XML Files
- CAM-6649 RBB Camio 4.9.13 cannot create job sync error
- CAM-6716 Fix console issues in AM after migration
- CAM-6717 Fix console issues in LUCI after migration
- CAM-6720 Camio Api License Call Exception
- CAM-6732 Admin Tool: Name Field Editable in Media Engine Preset
- CAM-6737 Luci crashing Inews
- CAM-6759 Changing Between Media Replaceables with Asset Restrictions Does Not Update Dropdown
- CAM-6764 Ross Inception in 5.4.1/ 5.5 still do not work
- CAM-6799 Admin Tool: Channel Assignments Table Display Issue in Context Management
- CAM-6801 LUCI is blank in iNews 8 and ENPS
- CAM-6802 Admin tools reports an error upon some settings although it works
- CAM-6846 Incomplete Display of Physical Channels Table for Newly Created PowerClips Device
- CAM-6864 Asset Manager: Long Folder Name Overflows In Delete Confirmation Dialog
- CAM-6907 Camio Version 5.4.0.165 Templates Defaulting to Layer 3
- CAM-6918 Asset Manager: Asset Download Window Doesn't Open After Canceling First Attempt

- CAM-6929 Dragging text from field to field does not work correctly
- CAM-6930 Keyboard shortcuts don't work or are incorrect
- CAM-6931 Keyboard shortcuts don't put focus into dropdowns
- CAM-6960 Issue editing after first edit
- CAM-6982 Admin Tool: Cannot Edit or Delete Devices Without Physical Channels
- CAM-6983 Admin Tool: Cancel Changes Button Not Functioning Correctly in MOS Configuration
- CAM-7017 CamioApi Fetch LuciSaveState with No-cors Mode Issue
- CAM-7051 on initial LUCI launch the context showed is incorrect compare to the content
- CAM-7059 MOS Parse XML Error with iNEWS Client 9.1+ on MOS Objects that include item XML tag
- CAM-7132 Asset manager create folder icon shows/works for direct sub camio servers
- CAM-7166 Autofill Dropdown Misalignment
- CAM-7186 Asset manager - Selection of context folders and their management with top folder menu
- CAM-7202 Asset manager: copy window selection
- CAM-7257 LUCI in HTTPS
- CAM-7277 LUCI: User cannot enter value in replaceable text editors
- CAM-7409 Cannot edit in ENPS 9.4.80
- CAM-7445 Luci SaveItem dialog floods camio api with requests
- CAM-7613 User cannot delete asset in Asset Manager
- CAM-7620 Mos Object Dialog Shows Multiple Active Only Checkoxes
- CAM-7623 Scene Metadata Dialog Not Allows Category MultiSelect
- CAM-7657 Cannot upload replacement to asset in Asset Manager
- CAM-6418 LUCI with Axis - Allow Compose and Order when Context field is "Show All" in Image browser
- CAM-8022 "Add Category" Functionality in Asset Manager Not Working Properly
- CAM-8080 LUCI: Preview from previous story in rundown is stuck when opening new one until preview is generated again
- CAM-8143 Admin Tool: Unable to Add Asset Categories via Metadata Mapping
- CAM-8144 LUCI: Asset Category Not Displayed Immediately in Render Media
- CAM-8154 LUCI Displays Old Asset Categories After Deletion
- CAM-8199 Luci container for INEWS 6.x not working with CAMIO 5.5
- CAM-8230 LUCI - Rundowns - Hide Animated button

Known Issues

Support of Avid iNews 9.x - HTML5 Plugin

Axis is opened within the container and not in a separate window. Due to a restriction within iNews HTML container, Axis module does not open in a separate window.



Axis opened within iNews container instead of a separate window

ABOUT US

Chyron is ushering in the next generation of storytelling in the digital age. Founded in 1966, the company pioneered broadcast titling and graphics systems. With a strong foundation built on over 50 years of innovation and efficiency, the name Chyron is synonymous with broadcast graphics. Chyron continues that legacy as a global leader focused on customer-centric broadcast solutions. Today, the company offers production professionals the industry's most comprehensive software portfolio for designing, sharing, and playing live graphics to air with ease. Chyron products are increasingly deployed to empower OTA & OTT workflows and deliver richer, more immersive experiences for audiences and sports fans in the arena, at home, or on the go.

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