MAM4PRO

MAM4PRO is an enterprise solution for managing and executing all media operations in a professional media production ecosystem, such as broadcasters and production houses.

By virtualizing media operations such as recording, ingesting, transcoding, playback, streaming, encoding, and decoding, MAM4PRO simplifies equipment redundancy and network complexity, making collaborative production effortless and simpler.

Highlights

- **Virtualized media operations:** real-time stream, record, ingest, playback, transcode and file transfer
- **Centralized media ecosystem:** same platform for production, contribution, and distribution video formats
- **Multiple deploy options:** on-premises or on the cloud (Private, Public, and Hybrid)

- **Collaborative remote workflows:** ideal for remote digital media production and management
- **Management and control:** central administration of all media operations, anywhere
- **Resources allocation & optimization:** shared equipment, facilities, and teams across locations

Specially Designed For

- Educational/Government
- Live Entertainment/Worship
- Corporate
- Sports
- Film/TV Studio/Scripted
- Digital News
- Mobile Studios/OB Vans

- Digitalization
- Archiving
- Post-Production
- Television/Broadcasting
- OTT & Streaming
- System Integrators/Rentals

Virtualization of Media Operations

Media production is increasingly distancing itself from dedicated hardware, and moving towards flexible cloud-based software, where all the applications share the same media farm, and can be accessed from any location, in real-time.

MAM4PRO gives producers the power to perform a multitude of tasks, centrally, while drastically reducing equipment usage.
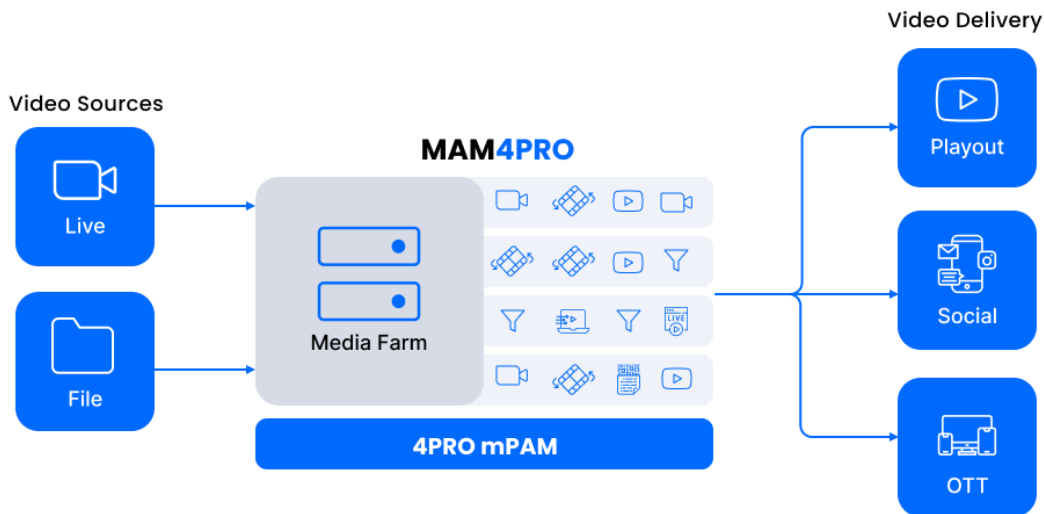
Main Benefits

- Each media operation will start when needed and stop as soon its job is complete
- It optimizes the resources required to perform all media operations
- Cloud environments can virtually run all types of media operations

- No virtual machines are required to dock the media operations
- Simplifies support and maintenance with automatic resource replacement in case of failure

Media Operations

Benefit from a powerful set of media operations designed to solve your most pressing workflow challenges.

With MAM4PRO, it is possible to run different media operations simultaneously, thus guaranteeing a universe of distinct arrangements to meet the challenging day-to-day activities of media production companies.

Media operations include baseband ingest and record, file ingest and transcode, file preview and playout, live video stream, video encode and decode, live channel switching, and intercom.

Working this way with building blocks infrastructure where you use only the services you need and when you need them, MAM4PRO offers a genuinely future-proof ecosystem with elasticity and speed in mind.

4PRO mediaREC

Powerful and flexible multi-format SDI/IP recording system. 4PRO mediaREC is a video recorder micro-service software with full support for recording 4K UHD and HDR live video channels in different file formats for an enterprise farm.

4PRO mediaPLAY

Benefit from outstanding IP/SDI monitoring and playout. 4PRO mediaPLAY is a software micro-service that provides you an agnostic real-time playback system to ensure a straightforward quality control process and allows the user to playback and review a wide range of file-based content with broadcast quality in 4K, UHD, FHD, and NDI for an enterprise farm.

4PRO mediaMOVE

Professional multi-format, real-time transcoder service. 4PRO mediaMOVE is a software micro-service that can automatically ingest and transcode a wide range of 8K, 4K, UHD, FHD and NDI formats and codecs for an enterprise farm.

4PRO mediaLIVE

Manage all your live video streams in an integrated media production ecosystem. 4PRO mediaLIVE is a powerful and flexible encode and decode software micro-service to manage multiple 4K, UHD, FHD, and NDI channels for an enterprise farm.
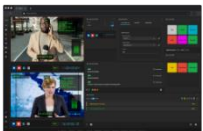
4PRO mTALK

A stand-alone software micro-service that allows communication between all users who are associated in the same instance without the need for integration with third-party tools.

4PRO mSWITCH

A software micro-service that virtualizes the switcher and multi-camera control, giving your live and studio production the professional touch you need while being simple to use. With support for a wide range of camera inputs, the same platform covers all the stages of your production and distribution ecosystem without requiring dedicated hardware.

Production Tools

MAM4PRO's workflow orchestration and management platform unifies the content chain across multiple and diverse production and distribution systems.

4PRO mMAM
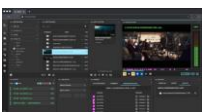
As companies grow, so does their repository for media, often in disconnected systems and across geographic boundaries. With an online searchable library, collaborative production tools and mixed environment support (hybrid cloud or on-premises), mMAM provides a secure and cost-effective media management solution.

4PRO mMAM easily integrates with existing or new workflows, thanks to its scalable architecture, and ease of use.

Advanced packages allow users to create and share projects from the web interface and from extension panels inside Adobe Creative Cloud tools (Premiere, Photoshop, After Effects, InDesign, and Illustrator).

4PRO mPAM

Benefit from a state-of-the-art content and production asset manager tool with 4PRO mPAM. Streamline daily operations and empower your creative teams with the right tools to find, manage, track, enhance and deliver media files throughout the entire production ecosystem from a single interface.

4PRO mPLAN

Setup scheduled events not only from the standard scheduler but through a unique roll out view interface. 4PRO mPLAN is a tool that maintains a single rollout view of all scheduled events, allowing the management of the ingests process very efficiently. It manages multiple scheduled events across a variety of recording platforms in a multichannel environment using router control cross-points.

Deploy Options

When designing workflows, there are multiple architecture options to choose from, each with its own advantages but also technical trade-offs. Measuring resources and choosing from one or another can prove daunting at first, but the good news is that there's a solution for everybody.

With MAM4PRO, decisions like this are not definite. You can choose to have your infrastructure on your premises, migrate completely to the cloud, or get the best of both worlds with a hybrid model.

MAM4PRO's extensible architecture can be designed to meet your operational, technical, and security needs. Explore below the multiple cloud and on-prem deployments available to your media workflows.

Private Cloud

With MOG MAM4PRO you can have your own local data center. A private cloud is a private IT infrastructure for the dedicated use of a single organization, managed via internal resources. A private cloud is dedicated to the needs and goals of a single organization.

Hybrid Cloud

Different sets of enterprise data require tailor-made solutions. A hybrid cloud offers the best of both worlds connecting public and private cloud. MAM4PRO Hybrid Cloud can assure you that some media operations can be run in the private cloud and others in a public cloud, guaranteeing maximum flexibility and collaboration, without compromising quality and security.

Public Cloud

Migrate mission-critical workloads to a public cloud, with zero downtime, and make the transition into the next phase of digital innovation with less hassle. MAM4PRO allows for a fully virtualized ecosystem, compliant with the cloud providers such as Amazon, Microsoft, Google and Tencent, to ensure maximum flexibility in every step of the way.

Media Farm

MAM4PRO gathers a set of media operations in a high-performance computer system that we call mFARM. You can choose from a set of powerful but compact media servers, that'll fit your workflow needs. MOG's mFARM is a turnkey solution that will give you the capability and maximum flexibility to perform multiple tasks in a single interface.

Mobile Studio

Implement a complete mobile studio that can be managed by a single operator. Taking advantage of the unified user interface, the operator can easily handle all activities. With compact storage and high-performance servers, all necessary equipment can be mounted in the same rack.

Unified Headend

Implement, improve, or refresh your broadcast or OTT infrastructure to match today's industry demands. MAM4PRO's unified headend supports every step of the media service generation for any industry that needs to ingest, playout, and deliver media, no matter its format.

The goal is to ensure high-quality and efficient service delivery across all screens, on any transport network, including IPTV, cable, satellite, DTT, and the internet.

Plugins

Complement any media production and distribution workflow with turnkey plugins and extensions.

Social-m

Quickly fetch and publish your live or VoD contents to social media.

This social media plugin for Chrome will let users ingest media without having to access the MAM4PRO GUI, allowing the content to be ready for editing or any other task, in no time. Simply open the plugin, insert the URL and run the workflow to fetch your video, with option to preserve metadata.

Screen-m

Quickly capture and deliver your screen contents to your production environment.

Easily record your screen in its entirety or choose one of the open windows. You can even enable the capture of a microphone and the mouse cursor to make it easier to explain any presentation.

Artificial Intelligence

Artificial intelligence engine to boost and facilitate media tasks even more.

Default (already included)	
Black frames detection	Voice activity detection
Video freeze detection	Silence detection
Black margins detection	Loudness detection
Audio clipping detection	Loudness balance
Audio mute detection	Vehicle detection
Audio phase detection	License plate detection
Audio mono detection	Concept tagger
Timecode gap detection	Bouncing boxes
Scene change detection	Update existing interplay entry with new metadata
Transformation	
Frame rate conversion	Crop black margins
Remove audio clicks	AI upscale
Remove audio clipping	Blur license plates

Additional AI Operations	
Face Recognition and Age Prediction	Optical Character Recognition
Object Detection	Speech Recognition

Features

Features
Timecode support
LTC (SMPTE 12M)
VITC (SMPTE RP188)
Time of Day
Serial Control Protocols
VTR (BVW) - Serial
VTR (VDCP) - Serial
Multiple LIVE and simultaneous records
Crash Record operations
Gang Capture operations
Independent workflow selection in Gang Captures
Unique workflow for gang captures while using clipnaming with counters
Conceal/Hide option for unused Capture Instances
Synchronize (different) Gang Captures
Flexible Gang Capture channel configurations / Choose which channels are present in the gang
Frame Chase editing
Unlimited capture duration support
Loop record support
Extend a playlist's maximum duration in a Loop Record workflow
Perform Loop record captures through automatic jobs
Growing files support
Growing file support for Grass valley Edius Workgroup v.9 and X
Growing XDCAM MXF OP1a file support on Avid Media Composer **required Nablet AMA Plugin**
Automatic Stream Control - Detect input streams and start recording automatically
Continuous recording support
Continuous live stream capture
Recording timer for captures
Abort or force stop a capture or a stream
Frame rate conversion option on Capture workflows
High Dynamic Range (HDR) support - HLG (arib std-b67) / PQ (SMPTE 2084)
High Frame Rate (HFR) up to 120fps (ST2081-10, ST2081-11, ST2082-10, ST2082-11 and ST2082-30)
Generate MP4 files as Fragmented MP4 via DCP Packager
Add XML sidecars with WAV file as output while recording
Perform "Run after completion" scripts
Remove source assets after Job completion for all plain sources
Live Probing option
Stream with Closed Captions
Edit a Workflow directly from the Player

Features
Input selection made directly from a dropdown list on the player
Option to start timecode recording from 00:00:00:00
Export in "MOG playlist" format (.XML Sidecar containing information about the chunks of the recorded media)
Batch record support
Deck control through Serial Ports
Pre-roll and post-roll options
LiveU NewsML batch capture
LiveU NewsML metadata import
LiveU NewsML - support XML from devices (Live U, Android and iPhone)
LiveU include subfolder browse
Contribution Web Video Player - Aspect marker, Safe Area Marker, and Center marker
Player Overlay - Center Dot and Cross
Support for Active Format Description (AFD)
Medialoopster Integration in Capture operations
Medialoopster Integration in Batch Capture operations

Video Router Protocols
- Quartz
- Probel SW-P-08
- Jupiter ASCII
- Blackmagic Videohub Ethernet Protocol

Operation modes
- Automatic
- Manual
- Scheduled

Clipnaming
- Flexible file renaming engine
- Create diversified clipnaming templates
- Clipnaming based on Metadata Profiles
- Use of common labels (Id, label, Counter, Date, Original Source Name, Weekday, User)
- Field numeric representation of the day of the week
- Folder Structure creation
- Drag and Drop support
- Restore auto numbering on capture abort in naming templates
- "CreationDate" field can refer to a desired Time Zone
- Add the label "_p" to proxy clips' names

Multi-Configuration metadata management and enrichment
- An efficient internal asset management
- Quickly search for assets metadata
- Directly manage your assets metadata
- Generate metadata directly through capture operations
- Prevent the overwrite of metadata fields
- Protect metadata fields
- Delete custom metadata
- Edit group clips metadata
- Edit a file's source metadata based on a configured metadata profile
- "Description" field editable in metadata widget
- Set "Description" field as a column in the Asset Explorer list view
- Forward metadata to Gang Captures
- Favorite metadata fields
- Create custom metadata fields
- Add a "Rating" metadata field
- Update the source metadata directly through the metadata widget
- Add asset tags insertion in preset list
- Re-use lists of possible values
- Update Metadata in Media Central/Interplay using AMT-3 library
- Rename media in Interplay after a capture has begun
- Take field (counter)
- Support for "Reel" metadata field using Apple ProRes Wrapper
- Read metadata from pre-configured cloud storages (Amazon S3 / Google Cloud Storage / Tencent / IBM Cloud Object Storage)
- Preserve specific Arri fields
- Preserve RED digital cinema color information

Features

Find immediately and learn everything about any asset

Show or hide proxies on Asset Browser

Sort, order and search for files on Asset Browser

Asset Explorer - Resizable thumbnails

Asset Explorer - Support asset availability

Search for all assets on Asset Explorer

Extract thumbnails and posters while indexing on Asset Explorer

Asset Explorer - Playable thumbnails

Preview media with interactive Pop-up Players

Asset Explorer - View the exact duration of files with more than 24 hours

Asset Selection -View the total duration of the selected assets

Configure the asset's preview duration

Asset Selection - Add Numeric Input

Asset management Check-in

AVID AAF

AVID interplay

XML support

XSLT transformation - XML sidecar

Edit share flow

Vizzi OTT check in

Support for update on Vizzi OTT check-in

Audio support

PCM input and output support

Dolby E-AC-3, Dolby TrueHD, and DTS input support

Dolby-E Input and output support

DTS Coherent Acoustics (DCA)

Integration with Dante Audio Capture *Negotiated separately

PCM 96KHz support

Independent audio encoder for hires and proxy

Individually map your audio by output target

Record audio only streams

Playout audio only streams

Loudness normalization (EBU R128)

Audio downmixing & upmixing

External audio files support (.WAV)

MPEG-4 Audio (M4A) audio format as output

Capture external AES audio through Bluefish capture cards

Ability to mute proxy on the output

Close captions

CEA/EIA - 608

Scenarist (SCC)

Add sidecar - SubRip (SRT)

Add sidecar - Fragmented WebVTT

Add sidecar - ISMT/CMFT subtitles

DCP subtitle burn-in (.SCC)

Digital Cinema Package (DCP) open captioning

Support DVB-S captions in streams

Support captioning for OTT (CMFT, SubRip, and WebVTT)

Stream with Closed Captions

Locators

Create locators with shortcut keys

Edit and delete locators

Edit the locators' description

Insertion and viewing

Create and freely customize action fields

Insert comments in a marker's widget tab

Locators source in markers widget

Select multiple subcategories for a single locator

Order asset locators by timecode

Establish Absolute or Relative timecode for source locators

Enter Timecode without the need of entering colons

Eject locators using the player eject button

Features
Merge locators
Support for locators with AMT captures
Send locators directly to Gang Captures
Send locators instantly to Playout
Preserve Metadata Enhancement locators created by an Automatic Job

Scheduler (Calendar View)

Schedule a Record operation
Schedule a Playout operation
Schedule Automatic Jobs
Schedule Gang Captures
Schedule Playouts
Schedule Maintenance Tasks (Reboot, Export Logs, Export Full Backup)
Edit individual events
Export activity events
Allow editing of settings for each occurrence/repetition
Set the number of an event's repetitions
Check for collisions between events and repetitions
Ability to Ignore files before a start date
Placeholder when editing an occurrence name
Enable field event name as AVID Interplay clipname by default
Use pre-set naming templates
Send the assets to independent targets and multiple outputs
Establish a maximum capture duration
Configurable number of iterations when using maximum capture duration
Use AVID Interplay clip name as event name on crash record events
Pre-roll and post-roll options for scheduled events
Define events to be triggered on any day, on working days only or only on weekends
Set the Calendar Notion option to automatically adjust to daylight time
Edit the Start Time field after the first recording
Visualize scheduled events in a List View
Perform captures from a MOG S1000
Perform captures from an Airspeed 5000
Perform captures from a Softron Movie Recorder

Scheduler (Record Grid) - Unifies in a single rollout view all ingest activities *Optional

Schedule a Record operation
Schedule Gang Captures
Create new scheduled events directly from the timeline
Perform crash record captures directly from the grid view
Metadata Insertion availability
Use of pre-set naming templates
Edit scheduler individual events
Edit an event after it has started
Edit settings for each occurrence/repetition
Trigger Capture events (Any day, On Working Days or only on Weekends)
Adjust events by dragging them on the timeline
Check collision between events with repetitions
On channel settings assign an Input a workflow a router source and a duration and start recording on the fly
Change router source cross point from record scheduler during a live event
Change router source on rollout
Copy an event's name after it is complete
Perform captures from a MOG S1000
Selectable MOG S1000 capture profiles
Perform captures from an Airspeed 5000
Perform captures from a Softron Movie Recorder
Pre-roll and post-roll options for scheduled events
Configure the number of events repetitions
Define events to be triggered on any day, working days or weekends only
Set the Calendar Notion option to automatically adjust to daylight time
Expandable and collapsible views
Jump to date to seek events by day or in a 7 days period
Choose between AVID or MOG color schemes
Confirm a "Stop" action

Features
Scheduler (Playout Grid View) - Unifies in a single rollout view all Playout activities *Optional
Grid View for Playout
Crash Playout directly from the Grid View
Loop a playlist
Schedule Clip Lists to be Played out
Adjust to a desired Time Zone
Ability to set a pre-determined number of repetitions
Trigger Playout events (Any day, On Working Days or only on Weekends)
Router Control
Support for Black Magic Video Router
Support for Grass Valley Sirius Video Router
Support for Evertz Quartz Video Router
Support for Jupiter ASCII
Change router points directly on the player
Capacity to setup the number of sources and destinations
Option to choose to make use or not of a source
Assign a mnemonic to each source
Ability to provide an alternative name to a router mnemonic
Assign in the crosspoint tab a source to each router destination
Lock sources to each router destination
Configurable connection through IP or host mane to the destination router
Signal error detection and related recovery actions
Detect possible signal errors
Detect possible drop frames
Support for timecode breaks
Configurable capture resume methodology
Automatic streaming (headless) - Restart capture after stopping/crashing or rebooting
Checksum media
MD5 hash file
MDL - Media hash list
Live to Live
Vizzi OTT Live Output
Multiple resolutions check-in
Support Time of Day in input streams (RTMP, MPEG-TS, RTP, SRT, RTSP, HLS, LLDASH, MSS, MPEG-DASH, CMAF)
Support Live Stream from sCapture as rPlayout input
Variable Frame Rate Input
Support IGMPv3 multicast
Add possibility to change the transport stream segments duration
MPEG-TS Support
Capture of MPEG-Transport Streams
Support of MPEG-TS program IDs
NDI
Native NDI output
NDI audio and video synchronized mechanism
NDI discovery mechanism
Capture multiple NDI sources
Time of day and embedded timecode options in NDI input
HLS
Configurable HLS segment duration
Configurable HLS Playlist segment count
RTMP
RTMP recording with absolute timecode
RTMP Push Mode in input and output
RTMP Pull Mode in input and output
Native RTMP listener capability
Multiple audio channels in RTMP Output
HEVC, VP9 and AV1 codec in enhanced RTMP/FLV
SRT
Input modes: Caller, Listener, and Rendezvous
SRT listener mode as stream output
Output modes: Caller and Rendezvous
Stream ID support

Features
Configurable latency settings
Configurable overhead bandwidth
Configurable passphrase
Monitoring input metrics
WebRTC
h.264 Support
VP8 Support
VP9 Support
Live switcher - Capture switcher producer
Commute between channels while recording
Record audio and video from one channel, or just audio or video
Playout from SDI Inputs
Playout from Streams Inputs
Playout from File Inputs
Overlay graphics support
Chroma Key as Input
File ingest
Execute multiple simultaneous transcodes
Batch ingest
Card ingest
Clip merge
Clip renaming
Disable Clip File Naming generation
Ingest while growing
Growing file support for Grass valley Edius Workgroup v.9 and X
Partially restore clips
Rough cut
Establish priority levels
Pause File Based ingest operations
Insert Subclips SOM and EOM without colons
Automatic drag and drop ingest
Drag and drop media from several social networks
Generate XML sidecar with WAV file as output while ingest
Generate a .xml file for each output AVID clip or AVID sequence
Merge as Sequence from MP4 proxy files
Merge as sequence by sequence XML for MP4
Automatically select workflows available in job control attending the source files
Cut growing files and send them to (a playlist for) playout
Directly select the storage on the dashboard instead of accessing workflow profiles
Copy assets
Group resulting assets into a single one
Copy - Transfer sidecars if available
Encode the contents according to the destination format
Decode the contents according to the destination format
Move assets
Edit while transcoding/ingesting
Place locators on growing files
Multiple resolutions check-in
Frame rate conversion
Variable Frame Rate Input
High Dynamic Range (HDR) support - HLG (arib std-b67) / PQ (SMPTE 2084)
High Frame Rate (HFR) up to 120fps (ST2081-10, ST2081-11, ST2082-10, ST2082-11 and ST2082-30)
Ability to perform "Run after completion" scripts
Audio only OPAtom as output
Opt to not overwrite files
Support for .MOV files containing "Run-length encoding" video essence
Enable "growing" support on EDL ingest workflow
Timecode SUM of selected cuts
Merge assets as EDL, regardless of the input's format
Merge Trimmed files
Merge files with different framerates
Merge P2 with different audio channels

Features
Merge operations for Devices sources
Allow the merge of more than 200 assets
Support for spanned Panasonic P2 structure
Preserve original time code breaks in Panasonic P2 Format
Mute proxy option in output (requires proxy option)
Create Edit Decision Lists with cut points
View the total duration of the sub-clips in an EDL widget
Ingest from cloud locations
Digital Cinema Package (DCP) support
Choose to force fragment MP4 clips while uploading to a S3 bucket
Generation of MP4 files as fragmented MP4 with DCP packager
Digital Picture Exchange (DPX) support
Select IMF (Netflix Compliant) as the output metadata
FTP for generic network devices as input
Ability to delete OPAtom source files after ingest
Support for GOPRO spanned files
Support video with vertical rotation
MOG file package support
Support MOG Package from Cloud Storages
Outgest growing media directly from Interplay
Dual check in to interplay in a merge as sequence operation with the same MOBID for the sequences
HDR (PQ, HLG) conversion to SDR as output
Ingest image files
Support 48fps drop frame media (DJI Camera Drones)
Support for spanned clips
XDCAM support for spanned & merge clips in network locations/network devices
Add black bars to match the aspect ratio
Delete an Output via Job Abort
Schedule an Ingest operation through the Calendar via Automatic Jobs
Ingest and/or transcode the contents according to the destination format
Vubiquity assets support
Support for Vizzi collections as input files
Browse Avid Interplay folder structure from within the "Workflow selection window"
Avid Sub Clip export referencing Growing Master Clip
Generate Avid OPAtom assets to an FTP server
Independent targets and multiple outputs
Manage via web interface or REST APIs for integration with automation system
Update Metadata in Media Central/Interplay using AMT-3 library
Create Live Ingest Operations
Live Sources made available in the Asset Browser/Explorer widgets
Override start timecode
Index clips with same name but with different metadata
Exclude file extensions from File inputs
Burn-In Video options
Graphic burn-in while recording
Graphic burn-in while ingesting
Text (Position, Text color, Box Color, Font Size)
Timecode (Position, Text color, Box Color, Font Size)
Overlays support (images and videos positioning)
LUT (Look-Up Table) - Save particular color grades as a template
Quality control - Report
Video Report
Black frames detection
Video freeze detection
Scene change detection
Audio Report
Audio clipping detection
Loudness detection
Silence detection
Others
Timecode gap detection

Features

Automated ingest

Create Automatic Jobs

Dynamic workflows using metadata fields

Dynamic workflows with support for metadata without sidecars

Delete Assets in Dynamic Jobs

Support different input types on dynamic configurations

Ignore files before a start date

Re-process assets with the same name

Support metadata enhancement workflows

Vizzi Collections support

File playback

Simultaneous playback

Composition play

Instant play

Gang Play

Replay a group or an individual asset

Loop playback

Group Loop Playback

Gridline (3x5) Overlay

Remote preview

Support for 10bit

Synchronous SDI playback of multiple files

Closed captions

Cue mode

Monitor - support HDR

Option to add locators

Play assets from cloud storages

Preview Editing Decision Lists

Preview Clip Lists

Playback - 8K UHD

Embedded VITC output support

Step multiple frames forward and backwards on SDI/gang playback

Timecode and metadata overlaying on SDI out

Support for growing assets in player

Support for spanned assets in player

Timecode only monitoring

Use of a contour shuttle to control an asset during playback

Playback duration showing the remaining time of the clip

Remove clips

Reorder clips

Export playlist

Create new playlists with the current assets selection

High Dynamic Range (HDR) support - HLG (arib std-b67) / PQ (SMPTE 2084)

High Frame Rate (HFR) up to 120fps (ST2081-10, ST2081-11, ST2082-10, ST2082-11 and ST2082-30)

Preview - Possibility to change the playback speed by multiplier factors

Simple Time Delay: Scheduling a Playback of a Single File in Growing Recording Mode

Read Metadata Timecode Package (Auto / Material Package / Source Package)

Playout

Playout Preparation

Build playlists in a Playlist Builder widget

Create multiple Playlists

Allow configuring playout clip action while preparing the playlist

Support visual separators for rPlayout playlists

Drag and Drop clips to the player for media preparation

Support insertion of Timecodes without separators ":" in the playlist builder

Use both types of TC (Relative and Absolute) for Mark-ins and mark-out at playlist builder

Trim clips to be included in the Playlist

Editable timecodes of the in and out points

Re-arrange clips order

Duplicate Edit Decision Lists

Export Edit Decision Lists

Features

Playout Control

Edit playlist on the fly and while playing

Playlist countdown and clip countdown

File and clip list progress bars

Playout Capture streams through SDI and native window

Print to tape

Queue clip on the playlist

Queue on first frame and last frame

Queue on first frame the first clip of the playlist

Bypass action for playout clips

Pause Playlist

Playout to stream

Thumbnail preview of the current clip on the playlist and its remaining time until Playout of the next clip

On Air - current loaded playlist name

Loop a playlist

Loop one or more assets in the playlist

Drag and Drop Clip List entries in Playout Control

Multi-channel playout capability

Schedule Playout

Choose between Playout Services available - rPlayerSDI or CasparCG

Mini control bar for use with Playout Control

Keyboard shortcuts for playout control and associated WEB player

Autoplay option

As Run Log's containing Date, Time, Clip name, Time Code In, and Time Code Out

Prepare the Playout clip actions while preparing the playlist

Input/output social media *Optional

Google Chrome Social-m Plugin

Social-m - Add support for live stream capture

Metadata in Chrome Social-m Plugin

Capture to Facebook Live

Stream to Facebook Live

Stream to Twitch Live

Capture to YouTube Live

File based YouTube Upload

Capture X (Twitter) Live

Stream to X (Twitter) Live

Upload to Vimeo

Metadata social annotation and enhancement

PAM - Production Asset Management *Optional

Advanced text search

Asset browser permissions

Asset collections

Asset essences

Asset essences for generic sources

Asset comments

Enable on-the-fly tagging

Flexible metadata management

Dynamic Automatic Jobs - Age value for CreationDate (Available for Copy, Move, Archive Workflows)

Display of Essences File Paths

Check-in via detector

Check-in via metadata update

Check-in via workflow

Interactive approval workflows

MOG player proxy

Optional Proxy creation

Manual Proxy creation

Move option in asset collections

Collections as input in automatic jobs

Private and shared asset collections

Show the creator of the collection

Statistics for collections

Save searches and filters

Features
Rich logging workflows
User abstraction for in/out assets
Instant play, anytime and anywhere of any asset (with or without proxy)
Disk-to-Disk Storage Manager (Archive and Restore)

Metadata Enhancement and preservation

   Artificial Intelligence

     Audio

       Audio clipping detection

       Loudness detection

       Silence detection

       Voice activity detection

       Audio mute detection

       Audio phase detection

       Mono audio detection

     Video

       Black frames detection

       Video freeze detection

       Scene change detection

       Black Margins detection

       Flashing video detection

     Object

       Concept tagger 2.0

       Vehicle detection

       License plate detection

     Others

       Timecode gap detection

       Update existing interplay entry with new metadata

       Possibility to add bounding boxes to player

     Transform

       Automatically Blur License Plates

       Black margins automatic crop

       Remove audio clicks

       Remove audio clipping

       AI Upscale

       Reduce video flashing

Additional AI Operations *Optional

   Face recognition 2.0

   Face recognition - Support dataset with multiple images for each person

   Age prediction detection

   Object detection 2.0

   Optical Character Recognition (OCR)

   Speech recognition 2.0 (with ability to detect non speech tokens)

mTALK *Optional

   Communicate via audio between two or more users

   QR code implementation

   WebApp (requires Android smartphone)

   Toggle Mode

Analytics

   Integrate with Google Analytics and Tag Manager

   Enable or disable Analytics

   Keep track of menu events

   Receive video metrics

   Keep track of Job Control widget's events

   Keep track of Asset Explorer widget's events

Improved security

   Support for Windows UAC

   Support for HTTP/HTTPS Ingress

   HTTPS (Hypertext Transfer Protocol Secure) for REST API

   Secure login

   User Impersonation

   Token based authentication

   Two-factor authentication

Features
Remote services, system restart, and settings recovery features
DASH/HLS packager with DRM
Database replication
Opt to "Keep me signed in"
Send a User Verification through email
Configurable password visibility in logs

Orchestration

Orchestration View for output workflows

Services Menu that eases Group and Cluser Configurarion while displaying running servicers per node

Transfer acceleration protocols

Aspera FASP transport technology - Transfer acceleration protocol

FileCatalyst direct - Transfer acceleration protocol

Hardware acceleration *If Hardware is installed or available

Intel QSV

Sony XAVC

Panasonic AVC-Ultra

Nvidia Nvenc

General Purpose IN/OUT

GPI triggers supported

GPO triggers supported

Additional Highlights

REST API - allows interaction with RESTful web services

Change Aspect Ratio (4:3 / 16:9 / 1.9:1 / 2:1 or use same as source)

Active Format Description (Option to Preserve, Discard or Override)

Protection against overwriting files

Notify user upon connection lost with the Server

Manage via web interface or REST APIs for integration with automation system

Configurable quality and target latency of the preview stream

Logging - Human readable information on Services logs

Logging - Add user information on flow actions

Logging - Structured Logging

Receive SMTP notifications via e-mail

Support an external Database

Microsoft Edge / Firefox / Safari and Chrome Support

Unified Interface User Experience

Unified GUI for all services and group of servers in the farm

Configurable web interface access port

Embeddable Dashboards/Widgets

Environment Dashboard which enables an overview of group servers in workgroups

Web-Based Interface with video preview

Dashboards based experience where users can create their own personalized view

Dashboards presets for ease-of-use deployment

Create your own custom dashboard templates

Import and Export Users' Dashboards

Associate a single dashboard to multiple users

LDAP user authentication

User profile management

Users permissions control

Widget based modular interface

Lock/Unlock widgets permission

Choose between multiple interface themes (Midnight, Carbon, Dark or High contrast theme)

Touch screen mode

Monitoring - Advanced metrics

Multi Language Support

User tour

Show/Hide player overlays

Notifications of required actions needed to resume a workflow

Monitor Grouped Servers' activity in a Group Activity Widget

Remove the "quick edit" button from the Job Control Widget

(Set Permissions to) Activate or Deactivate Settings of a Gang Capture widget

Features

Multiviewer

Define the quality and target latency of the preview stream

Ability to control to up to 8 players in a single dashboard

Maintenance

Scheduler

Reboot host or group

Export database (backup) as a scheduled task

Export logs as a scheduled task

Activity

Export last activity

Export all activity

Export activity from a date range

Clear all activity

Logs

Export logs

Backup

Export full backup - A full backup will create an archive of all the files and configurations

Import full backup

Dashboards

Export dashboards from one user or all users

Import dashboards

Data

Clean data usage

Clean assets, flows and notifications

Perform a Factory Data Reset

Erase all data and reset the system

Force clear cache

Technical Specifications

Supported File Inputs

Inputs	
OnPrem	ARRI ALEXA Cameras
	BlackMagic Cameras
	RED Digital Cinema
	Avid Files
	Avid Media Files (standalone or Nexis/ISIS)
	Avid Sequences (master clips and rendered sequences)
	Built in card reader for:
	P2
	AU
	SxS
	XQD
	SD
	CANON DSLR 5D, 7D, C300, C100
	Generic File Shares
	GoPro Cards
	IKEGAMI GFPAK
	JVC (AVC HD models)
	NextoDI NSB-25
	Panasonic AU-EVA1 and GH5 Cameras
	Panasonic P2
	AJ-PCD 2 / AJ-PCD 20/30/35 / AJ-MPD1
	AU-XPD1E / AU-XPD3EJ
	XDCAM EX:
	Sony SxS (SBAC-UT100, SBAC-US10/20/30)
	XDCAM HD
	Sony XDCAM HD: Disc (PDW-U1, PDW-U2, PDW-U4)
	XAVC Structures
	DJI (Camera Drones)
	HLS Structures
	MPEG-TS Structures
	MOG Package

Inputs		
OnPrem	**Network**	
	XDCAM Network	
	P2 Network	
	ARRI RAW Network	
	Ikegami Network	
	VTR Decks	
	Panasonic P2	
	AG HPG 20	
	XDCAM HD	
	Sony XDCAM HD: Disc (PDW 1500, PDW HD1500, PDW F70)	
	XDCAM Station	
	Sony XDS 1000	
	Storage	
	Avid ISIS / Nexis	
	Avid UnityTM MediaNetwork	
	DDP – Dynamic Drive Pool	
	Facilis TerraBlock	
	Harmonic MediaGrid	
	Editshare EFS	
	NAS / SAS (SMB 2.0 and 3.0)	
	Quantum StorNext	
	ScaleLogic NX2 & ZX NAS Storage	
	EMC Isilon	
	QNAP	
	Studio Network Solutions EVO	
	Oracle Storage	
	Netapp	
Cloud	**Social Media**	
	Facebook	
	X (Twitter)	
	Vimeo	
	YouTube	
	Professional Cloud Storages	
	Adobe Creative Cloud	
	Amazon S3 Glacier	
	Microsoft Azure Storage	
	Tencent	
	Lucidlink Cloud NAS	
	Google Cloud Storage	
	IBM Cloud Object Storage	
	Generic S3 storages	
	Consumer Cloud Storages	
	Apple I Cloud Drive	
	Dropbox	
	Google Drive	
	Microsoft One Drive	

Supported File Outputs

Outputs	
OnPrem	Avid ISIS / Nexis
	Avid UnityTM MediaNetwork
	DDP – Dynamic Drive Pool
	Facilis TerraBlock
	Harmonic MediaGrid
	Editshare EFS
	NAS / SAS (SMB 2.0 and 3.0)
	Quantum StorNext
	ScaleLogic NX2 & ZX NAS Storage
	EMC Isilon
	QNAP
	Studio Network Solutions EVO
	Oracle Storage

Outputs		
OnPrem	Netapp	
	FTP Servers (List on request)	
	Generic File Shares	
	Removable Disks	
	HDD 2.5"	
	SSD 2.5"	
Cloud	**Consumer Cloud Storages**	
	Apple I Cloud Drive	
	Dropbox	
	Google Drive	
	Microsoft One Drive	
	Multiple and Adaptive bitrates for the OTT *Optional	
	Professional Cloud Storages	
	Adobe Creative Cloud	
	Amazon S3 Glacier	
	Microsoft Azure Storage	
	Tencent	
	Lucidlink Cloud NAS	
	Google Cloud Storage	
	IBM Cloud Object Storage	
	Generic S3 storages	
	Social Media *Optional	
	Facebook	
	X (Twitter)	
	Vimeo	
	YouTube	

Supported Live Inputs

Inputs	
Live	**SD/HD/FHD-SDI**
	SD-SDI (SMPTE 259M)
	3G-SDI (SMPTE 292M, SMPTE296M, SMPTE372M, SMPTE425M)
	12G-SDI (SMPTE ST-2081/SMPTE ST-2082, SMPTE/2108-1)
	12G-SDI (Quad-Link 3G-SDI)
	Support for 8, 10 and 12 bits
	Streams
	Video Content Hyperlinks
	HLS
	MPEG-TS
	MPEG-DASH
	RTMP (with support for HEVC / VP9 / AV1)
	RTP
	RTSP
	NewTek NDI
	UDP
	Haivision SRT
	WebRTC
	Zixi
	Audio
	Dante Audio *Negotiated separately
	Social Media
	Facebook
	Twitch
	X (Twitter)
	YouTube
	IP Live *If hardware is installed or available
	ST2022-6
	ST2022-7
	ST2110-10, ST2110-20, ST2110-21, ST2110-30, ST2110-31
	ST2110-40
	ST2110 - NMOS IS-04 and IS-05 support

Supported Live Outputs

Outputs		
Live	**SD/HD/FHD-SDI**	
		SD-SDI (SMPTE 259M)
		3G-SDI (SMPTE 292M, SMPTE296M, SMPTE372M, SMPTE425M)
		12G-SDI UHD-SDI (SMPTE ST-2081/SMPTE ST-2082)
		12G-SDI (Quad-Link 3G-SDI)
		Support for 8, 10 and 12 bits
	Streams	
		HLS
		HTTPS Push
		Microsoft Smooth Streaming
		MPEG-DASH
		Low Latency Dash - LL-Dash
		NewTek NDI
		MPEG-TS
		RTMP (with support for HEVC / VP9 / AV1)
		RTP
		RTSP
		UDP
Live		Haivision SRT
		WebRTC Live-m *Optional
	Vizzi	
		Live Output
	Social Media *Optional	
		Facebook
		Twitch
		X (Twitter)
		Vimeo
		YouTube
	Multiple and Adaptive bitrates for the OTT *Optional	
	IP Live *If hardware is installed or available	
		ST2022-7
		ST2110-10, ST2110-20, ST2110-21, ST2110-30, ST2110-31
		ST2110-40

Formats

Input Formats

Input Video Formats
ARRI ARRIRAW
Blackmagic RAW
Digital Cinema Packages (DCP)
Digital Picture Exchange (DPX)
RED Digital Cinema
IMX 30/40/50 Mbps
MPEG2 LGOP 18/25/35 Mbps 4:2:0
MPEG2 LGOP 50/70 Mbps 4:2:2
MPEG2 LGOP 422 50 Mbps
MPEG2 LGOP 420 1440x1080 35 Mbps
MPEG2 LGOP 420 (FULL) 35 Mbps
DVCAM 25 Mbps
XAVC Intra 50 / 100 Mbps
XAVC Intra 300 / 300 VBR / 480 / 480 VBR Mbps
XAVC LGOP 25 / 35 / 50 Mbps
XAVC LGOP 60 / 100 / 140 / 150 / 200 Mbps
DVCPRO 25/50 Mbps / DVCPRO HD 100 Mbps
AVC-Intra 50/100 Mbps
AVC-Intra 200 Mbps
AVC-Intra 2K422
AVC-Intra 4K422
AVC Ultra (LGOP 6/12/25/50 Mbps)
DNxHD (SQ/HQ/HQX/LB)

Input Video Formats
DNxHR (SQ/HQ/HQX/LB)
H.264 4320P 80 - 150 Mbps High Profile
H.264 4320P 150 - 280 Mbps High Profile
H.264 2160p 35 - 68 Mbps High Profile
H.264 1440p 16 - 24 Mbps High Profile
H.264 1080p 8 - 12 Mbps High Profile
H.264 720p 5 - 7.5 Mbps High Profile
H.264 480p 2.5 - 4 Mbps High Profile
H.264 360p 1 - 1.5 Mbps High Profile
H.264 2160p 13 - 51 Mbps High Profile (Live)
H.264 1440p 6 - 18 Mbps High Profile (Live)
H.264 1080p 3 - 9 Mbps High Profile (Live)
H.264 720p 1.5 - 6 Mbps High Profile (Live)
H.264 480p 0.5 - 2.0 Mbps High Profile (Live)
H.264 360p 0.4 - 1.0 Mbps High Profile (Live)
H.264 240p 0.3 - 0.7 Mbps High Profile (Live)
H.264 L10 10 Mbps
H.264 MOG 1Mbps
H.265/HEVC 10 Mbps LGOP
H.265/HEVC 25 Mbps LGOP
H.265/HEVC 50 Mbps LGOP
H.265/HEVC 100 Mbps LGOP
H.265/HEVC 4K 25 Mbps LGOP
H.265/HEVC 4K 50 Mbps LGOP
H.265/HEVC 8K 25 Mbps LGOP
H.265/HEVC 8K 50 Mbps LGOP
H.265/HEVC 8K 100 Mbps LGOP
H.265/HEVC 4:2:2 LGOP
H.265/HEVC 4K 4:2:2 LGOP
H.265/HEVC 8K 4:2:2 LGOP
MPEG-5 EVC Baseline Profile
MPEG-5 EVC Main Profile
MPEG VVC/H266 Main Profile
ProRes 422 (SQ/HQ/LT)
ProRes 4444
ProRes 4444XQ
JPEG 2000 (Full HD)
JPEG 2000 (4K)
JPEG 2000 (8K)
Google® VP6 / VP7 / VP8 / VP9 (Full HD)
Google® VP9 (4K)
Google® VP9 (8K)
Uncompressed UYVY 422 / V210 / RGBA
AOMedia Video 1 (Full HD)
AOMedia Video 1 (4K)
AOMedia Video 1 (8K)
IMF (JPEG 2000 @ Full HD)
IMF (JPEG 2000 @ 4K)
IMF (JPEG 2000 @ 8K)

Output Formats

Output Video Formats
IMX 30/40/50 Mbps
MPEG2 LGOP 18/25/35 Mbps 4:2:0
MPEG2 LGOP 50/70 Mbps 4:2:2
MPEG2 LGOP 422 50 Mbps
MPEG2 LGOP 420 1440x1080 35 Mbps
MPEG2 LGOP 420 (FULL) 35 Mbps
DVCAM 25 Mbps
XAVC Intra 50 / 100 Mbps
XAVC Intra 300 / 300 VBR / 480 / 480 VBR Mbps
XAVC LGOP 25 / 35 / 50 Mbps

Output Video Formats
XAVC LGOP 60 / 100 / 140 / 150 / 200 Mbps
DVCPRO 25/50 Mbps / DVCPRO HD 100 Mbps
AVC-Intra 50/100 Mbps
AVC-Intra 200 Mbps
AVC-Intra 2K422
AVC-Intra 4K422
AVC Ultra (LGOP 6/12/25/50 Mbps)
DNxHD (SQ/HQ/HQX/LB)
DNxHR (SQ/HQ/HQX/LB)
H.264 4320p 150 - 280 Mbps High Profile
H.264 4320p 80 - 150 Mbps High Profile
H.264 2160p 35 - 68 Mbps High Profile
H.264 1440p 16 - 24 Mbps High Profile
H.264 1080i 35 Mbps High Profile
H.264 1080p 8 - 12 Mbps High Profile
H.264 720p CBR - 6.5 Mbps High Profile
H.264 720p 5 - 7.5 Mbps High Profile
H.264 480p 2.5 - 4 Mbps High Profile
H.264 360p 1 - 1.5 Mbps High Profile
H.264 2160p 13 - 51 Mbps High Profile (Live)
H.264 1440p 6 - 18 Mbps High Profile (Live)
H.264 1080p 3 - 9 Mbps High Profile (Live)
H.264 720p 1.5 - 6 Mbps High Profile (Live)
H.264 480p 0.5 - 2.0 Mbps High Profile (Live)
H.264 360p 0.4 - 1.0 Mbps High Profile (Live)
H.264 240p 0.3 - 0.7 Mbps High Profile (Live)
H.264 1080p CBR 15 Mbps MAIN Profile
H.264 480p CBR 2.3 Mbps MAIN Profile
H.264 360p CBR MAIN Profile
H.264 432p CBR MAIN Profile
H.264 576p CBR MAIN Profile
H.264 720p CBR MAIN Profile
H.264 1080p CBR MAIN Profile
H.264 576p CBR - 3 Mbps MAIN Profile
H.264 720p CBR - 4 Mbps MAIN Profile
H.264 1080p CBR - 5Mbps MAIN Profile
H.264 15-30 Mbps MAIN Profile
H.264 L10 10 Mbps
H.264 WebRTC Baseline
H.265/HEVC LGOP 4:2:2
H.265/HEVC 10 Mbps LGOP
H.265/HEVC 25 Mbps LGOP
H.265/HEVC 50 Mbps LGOP
H.265/HEVC 100 Mbps LGOP
H.265/HEVC 4K 25 Mbps LGOP
H.265/HEVC 4K 50 Mbps LGOP
H.265/HEVC 8K 25 Mbps LGOP
H.265/HEVC 8K 50 Mbps LGOP
H.265/HEVC 8K 100 Mbps LGOP
NDI HX H.264 - High Profile
NDI HX H.265 - High Profile
MPEG-5 EVC Baseline Profile
MPEG-5 EVC Main Profile
MPEG VVC/H266 Main Profile
ProRes 422 (SQ/HQ/LT)
ProRes 4444
ProRes 4444XQ
JPEG 2000 (Full HD)
JPEG 2000 (4K)
JPEG 2000 (8K)
Google® VP6 / VP7 / VP8
Google® VP9 (Full HD)

Output Video Formats
Google® VP9 (4K)
Google® VP9 (8K)
Uncompressed UYVY 422 / V210 / RGBA
AOMedia Video 1 (Full HD)
AOMedia Video 1 (4K)
AOMedia Video 1 (8K)
IMF (JPEG 2000 @ Full HD)
IMF (JPEG 2000 @ 4K)
IMF (JPEG 2000 @ 8K)

Proxy Formats *

Output Proxy Formats
XAVC LGOP 25 / 35 Mbps
AVC Ultra (LGOP 6/12/25 Mbps)
H.264 @ 500 Kbps Flash
H.264 @ 486p 1 / 1.5 Mbps Flash
H.264 360p @ 1.6 Mbps Flash
H.264 720 480p @ 8 / 10 Mbps Flash
H.264 720p @ 8 / 15 / 16 / 20 / 24 / 25 Mbps Flash
H.264 854 480p @ 8 / 10 Mbps Flash
H.264 960 540p @ 3 Mbps Flash
H.264 1080p @ 8 / 15 / 16 / 20 / 24 / 25 Mbps Flash
H.264 SD @ 4 / 8 / 15 / 20 / 25 Mbps
H.264 480p @ 0.5 - 2 Mbps High Profile (Live)
H.264 360p @ 0.4 - 1 Mbps High Profile (Live)
H.264 240p @ 0.3 - 0.7 Mbps High Profile (Live)
H.265/HEVC 10 Mbps LGOP
H.265/HEVC 25 Mbps LGOP
H.265/HEVC 50 Mbps LGOP
ProRes Proxy 1920x1080
ProRes Proxy 1280x720
ProRes Proxy 960x540
ProRes Proxy SD (16:9 Raster)
ProRes Proxy SD
MPEG-1 (layer 2) @ 1.5 Mbps
Avid MPEG-2 (SIF @ 2Mbps)
H.264 Interplay Web (SD, 800 Kbps, and 2 Mbps)
Sony Proxy AV (MPEG-4 Part-2) @1.5 Mbps

* Optional output

OTT Formats *

Output OTT Formats
H.264 2160p 35 - 68 Mbps High Profile
H.264 1440p 16 - 24 Mbps High Profile
H.264 1080i 35 Mbps High Profile
H.264 1080p 8 - 12 Mbps High Profile
H.264 720p 5 - 7.5 Mbps High Profile
H.264 480p 2.5 - 4 Mbps High Profile
H.264 360p 1 - 1.5 Mbps High Profile
H.264 2160p 13 - 51 Mbps High Profile (Live)
H.264 1440p 6 - 18 Mbps High Profile (Live)
H.264 1080p 3 - 9 Mbps High Profile (Live)
H.264 720p 1.5 - 6 Mbps High Profile (Live)
H.264 480p 0.5 - 2.0 Mbps High Profile (Live)
H.264 360p 0.4 - 1.0 Mbps High Profile (Live)
H.264 240p 0.3 - 0.7 Mbps High Profile (Live)
H.264 360p CBR MAIN Profile
H.264 432p CBR MAIN Profile
H.264 576p CBR MAIN Profile
H.264 720p CBR MAIN Profile

Output OTT Formats
H.264 1080p CBR MAIN Profile
H.264 576p CBR - 3 Mbps MAIN Profile
H.264 720p CBR - 4 Mbps MAIN Profile
H.264 1080p CBR - 5Mbps MAIN Profile
H.265/HEVC 10 Mbps LGOP
H.265/HEVC 25 Mbps LGOP
H.265/HEVC 50 Mbps LGOP
H.265/HEVC 100 Mbps LGOP
H.265/HEVC LGOP 4:2:2
Google® VP9 (Full HD)
Google® VP9 (4K)

* Optional output

Product Integrations

Editing Sytems	MAM / PAM / DAM	Cameras	CDN's
Adobe Premiere Pro	CatDV MAM	Canon (DSLR5D, DSLR 7D)	Lumen
AVID Media Composer	CatDV PAM	Canon (DSLR C300, DSLR C100)	Fastly
AVID Media Central UX	CatDV DAM	ARRI Alexa XT (ARRIRAW)	Akamai Technologies
AVID Media Central Cloud UX	eMAM Media Asset Management	ARRI Panasonic AU-EVA1	Microsoft Azure
Apple Final Cut Pro X	Telestream: Masstech	Panasonic GH5 Cameras	Cloudflare
Edius: Pro 8, Workgroup 9	AVID Interplay	Panasonic CX350 HEVC	Limelight Networks
BlackMagic: DaVinci Resolve Studio	AVID Media Central UX	Panasonic PTZ Cameras	Amazon CloudFront
Autodesk: Flame	AVID Media Central Cloud UX	Ikegami Gfpack	BootstrapCDN
Storage	AXLE MAM	JVC AVC HD camera models	StackPath
AVID ISIS Storage	Editshare Flow	LUMIX DC-S1H	KeyCDN
AVID Nexis Storage	MOG Vizzi	NewTek PTZ3 UHD Camera	Rackspace
Avid UnityTM MediaNetwork	Medialoopster MAM	NewTek PTZ3 Camera	Alibaba Cloud Content Delivery Service
Dynamic Drive Pool SAN Storage	**Professional Cloud Storages**	RED Digital Cinema	CacheFly
Facilis Terrablock	Adobe Creative Cloud	GOPRO	Verizon
Harmonic MediaGrid	Amazon EC2	**Card Readers**	**Social Media *Optional**
Quantum: Storenext	Amazon S3	Panasonic P2 (AJ PCD 2 / AJ MPD1)	Facebook
Scalelogic: NX2 & ZX NAS Storage	Amazon S3 Glacier	Panasonic P2 (AJ PCD 20/30/35)	Twitch
Editshare EFS	Microsoft Azure Storage	Panasonic P2 (AU-XPD1E / AU-XPD3EJ)	X (Twitter)
EMC: Isilon	Microsoft Azure Virtual Machines	Panasonic P2 (AG HPG 20)	YouTube
QNAP	Tencent: Cloud Storage	Sony XDCAM EX (SxS Cards): SBAC-US10/20/30	Vimeo
Studio Network Solutions: EVO	Lucidlink Cloud NAS	Sony XDCAM EX (SxS Cards): SBAC-UT100	**Third Parties**
Oracle Storage	Google Cloud Storage	Sony XDCAM EX (SxS Cards): MRW E-80	MOG S1000
Netapp	IBM Cloud Object Storage	Sony XDCAM EX (SxS Cards): MRW E-90	AVID Airspeed 500
Consumer Cloud Storages	Generic S3	Sony Disc Reader: PDW-U1, PDW-U2	Softron Movie Recorder 4
Dropbox	**Video Router Control Protocols**	**VTR Decks**	**Peripheral Devices**
Google Drive	**BlackMagic:** Videohub - Videohub Ethernet Protocol	XDCAM HD: Disc (PDW 1500, PDW HD1500)	Countour Shuttle Pro V2
Microsoft One Drive	**Evertz:** SONY HDS-X5800 - Evertz BRC controller (7700R-SC-BRC) (Quartz Protocol)	XDCAM HD: Disc (PDW F70)	Elgato Stream Deck
Apple I Cloud Drive	**Grass Valley:** Trinix 5122 - CM4000 GrassValley Router Control (Jupiter ASCII protocol)	XDCAM Station (XDS1000)	**Stream**
Transfer Acceleration Protocols	**Grass Valley:** Sirius 840 - Router Control module 2464 (Probel SW-P-08 Protocol)	**Hypervisers**	Newtek NDI
File Catalyst Direct	**Structures**	Microsoft HyperV	Haivision SRT
IBM: Aspera File Transfer	XAVC Structures	VMWare ESX	Zixi
Archive	**Audio**		
Archiware P5	Dante *Negotiated separately		

Products

Choose from the products below to customize the MAM4PRO according to your business rules.

Media Operations

Benefit from a powerful set of media operations designed to solve your most pressing workflow challenges.

Segment	Model	Part Number	Product	Description
Media operations	Yearly fee	4pmoac1y	4PRO mediaREC	Record
			4PRO mediaPLAY	Monitoring and playout
			4PRO mediaMOVE	Ingest and transcode
			4PRO mediaLIVE	Encode and decode
			4PRO mTALK	Intercom
			4PRO mSWITCH	Live channel switcher
	Monthly fee	4pmoac1m	4PRO mediaREC	Record
			4PRO mediaPLAY	Monitoring and playout
			4PRO mediaMOVE	Ingest and transcode
			4PRO mediaLIVE	Encode and decode
			4PRO mTALK	Intercom
			4PRO mSWITCH	Live channel switcher

Production Tools

Tools for asset management and workflow orchestration.

Segment	Model	Part Number	Product	Description
Production Tools	Yearly fee	4pmmac1y	4PRO mMAM	Media asset manager
		4pmpac1y	4PRO mPAM	Content and production asset manager
		4pmnac1y	4PRO mPLAN	Scheduler & Router Control
	Monthly fee	4pmmac1m	4PRO mMAM	Media asset manager
		4pmpac1m	4PRO mPAM	Content and production asset manager
		4pmnac1m	4PRO mPLAN	Scheduler & Router Control

Add-ons

Output options to complement your workflows.

Model	Part Number	Product	Description
Yearly fee	4pooac1y	Proxy generation	Simultaneous proxy creation
		OTT live ingest	Multiple output resolutions for OTT
		Social media sharing	Simultaneous social media shares
Monthly fee	4pooac1m	Proxy generation	Simultaneous proxy creation
		OTT live ingest	Multiple output resolutions for OTT
		Social media sharing	Simultaneous social media shares

Plugins

Complement any media production and distribution workflow with turnkey plugins and extensions.

Segment	Model	Part Number	Product	Description
Plugins	Yearly fee	4ppiac1y	Social-m	Social media capture & Publishing
			Screen-m	Screen capture & Delivery
	Monthly fee	4ppiac1m	Social-m	Social media capture & Publishing
			Screen-m	Screen capture & Delivery

Artificial Intelligence

Artificial intelligence engine to boost and facilitate media tasks even more.

Segment	Model	Part Number	Product
Artificial intelligence	Yearly fee	4paifr1y	Face Recognition and Age Prediction
		4paiod1y	Object Detection
		4paicr1y	Optical Character Recognition
		4paisr1y	Speech Recognition
	Monthly fee	4paifr1m	Face Recognition and Age Prediction
		4paiod1m	Object Detection
		4paicr1m	Optical Character Recognition
		4paisr1m	Speech Recognition

Contact our sales team at sales@mog-technologies.com to find out how to purchase or in case you need more information.