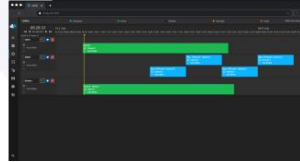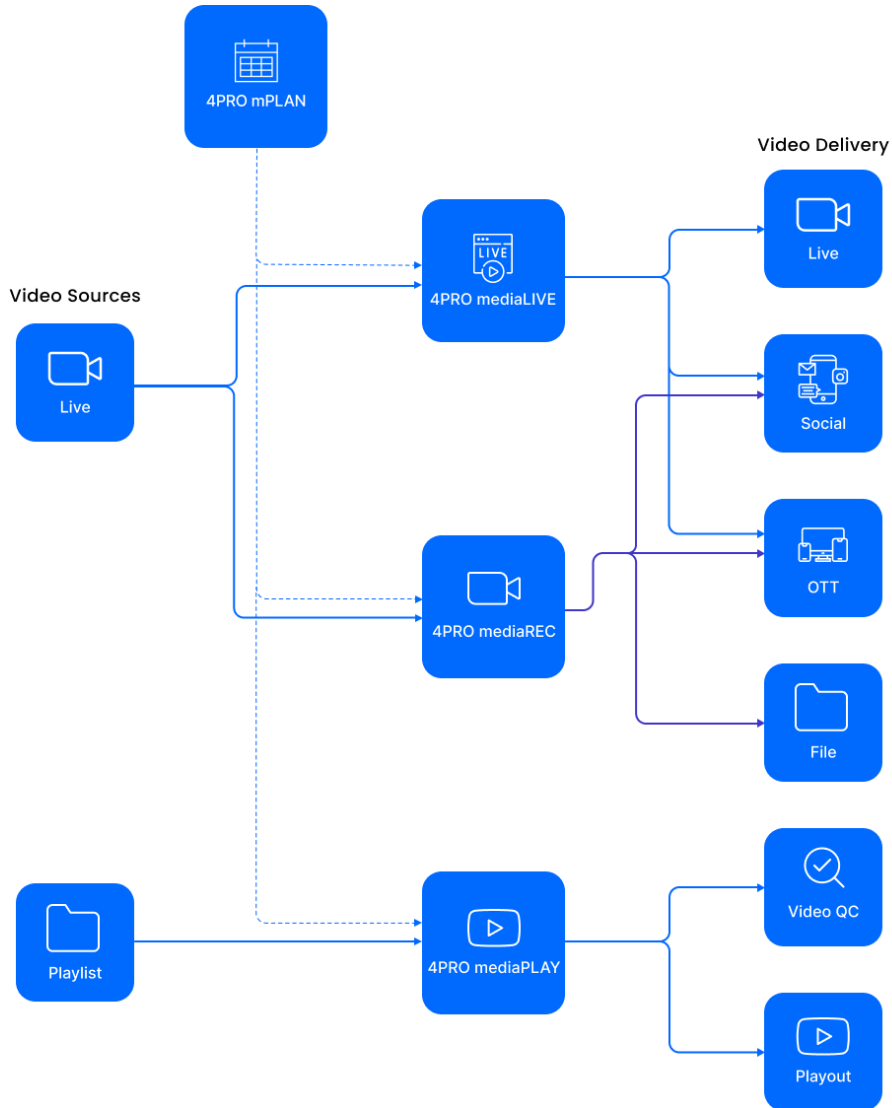## 4PRO mPLAN

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.

Highlights

- Automates scheduled ingest with reliability and accuracy
- Support for multiple recording systems including mREC and Avid AirSpeeds
- Support for multiple video routers, including Evertz, Grass Valley, and Blackmagic Design
- Orchestrates all ingest and playout activities
- Enables logging tasks while ingest

Specially Designed For

- Educational/Government
- Live Entertainment/Worship
- Corporate
- Sports
- Film/TV Studio/Scripted
- Digital News
- Mobile Studios/OB Vans
- Digitalization
- Television/Broadcasting
- OTT & Streaming
- System Integrators/Rentals

Features

Features
Video Router Protocols
Quartz
Probel SW-P-08
Jupiter ASCII
Blackmagic Videohub Ethernet Protocol
Operation modes
Manual
Scheduled
Scheduler (Calendar View)
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
Placeholder when editing an occurrence name
Enable field event name as AVID Interplay clipname by default
Use pre-set naming templates
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
Scheduler (Record Grid) - Unifies in a single rollout view all ingest activities
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
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

Features
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

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
- 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)

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

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
- Remote services, system restart, and settings recovery features
- Opt to "Keep me signed in"
- Send a User Verification through email
- Configurable password visibility in logs

Orchestration

- Orchestration View for output workflows

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

Additional Highlights

REST API - allows interaction with RESTful web services

Notify user upon connection lost with the Server

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

Logging - Add user information on flow actions

Logging - Structured Logging

Receive SMTP notifications via e-mail

Microsoft Edge / Firefox / Safari and Chrome Support

Unified Interface User Experience

Configurable web interface access port

Embeddable Dashboards/Widgets

Web-Based Interface with video preview

LDAP user authentication

User profile management

Users permissions control

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

Touch screen mode

Monitoring - Advanced metrics

Multi Language Support

User tour

Notifications of required actions needed to resume a workflow

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

Product Integrations

Editing Sytems	MAM / PAM / DAM	VTR Decks
Adobe Premiere Pro	CatDV MAM	XDCAM HD: Disc (PDW 1500, PDW HD1500, PDW F70)
AVID Media Composer	CatDV PAM	XDCAM Station (XDS1000)
AVID Media Central UX	CatDV DAM	**Third Parties**
AVID Media Central Cloud UX	eMAM Media Asset Management	MOG S1000
Apple Final Cut Pro X	Telestream: Masstech	AVID Airspeed 500
Edius: Pro 8, Workgroup 9	AVID Interplay	Softron Movie Recorder 4
BlackMagic: DaVinci Resolve Studio	AXLE MAM	**Stream**
Autodesk: Flame	Editshare Flow	Newtek NDI
Storage	MOG Vizzi	Haivision SRT
AVID ISIS Storage	Medialoopster MAM	Zixi
AVID Nexis Storage	**Professional Cloud Storages**	**Consumer Cloud Storages**
Avid UnityTM MediaNetwork	Adobe Creative Cloud	Dropbox
Dynamic Drive Pool SAN Storage	Amazon EC2	Google Drive
Facilis Terrablock	Amazon S3	Microsoft One Drive
Harmonic MediaGrid	Amazon S3 Glacier	Apple I Cloud Drive
Quantum: Storenext	Microsoft Azure Storage	**Social Media**
Scalelogic: NX2 & ZX NAS Storage	Microsoft Azure Virtual Machines	Facebook
Editshare EFS	Tencent: Cloud Storage	Twitch
EMC: Isilon	Lucidlink Cloud NAS	X (Twitter)
QNAP	Google Cloud Storage	YouTube
Studio Network Solutions: EVO	IBM Cloud Object Storage	Vimeo
Oracle Storage	Generic S3	**Hypervisors**
Netapp		Microsoft HyperV
		VMWare ESX

Minimum Requirements

Component	4PRO mediaSCHEDULER
CPU	i9-12900 or above
	2x Intel Xeon Silver 4314 or above
	2x Intel Xeon Gold 6342 or above
RAM	2x 8GB
OS Drive	240GB SSD
Network	2x 1Gb Ethernet Port
Operating System	Windows server 2022 or above

Product

Model	Part Number	Product	Description
Yearly fee	4pmnac1y	4PRO mPLAN	Scheduler & Router Control
Monthly fee	4pmnac1m	4PRO mPLAN	Scheduler & Router Control

Available Options

According to the concept of MAM4PRO's building blocks, you can choose from among the products below to work seamlessly with 4PRO mPLAN.

Media Operations

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

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.
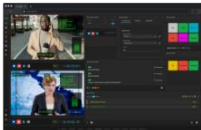
4PRO mediaPLAY

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 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.

Model	Part Number	Product
Yearly fee	4pmoac1y	4PRO mediaREC
		4PRO mediaPLAY
		4PRO mediaMOVE
		4PRO mTALK
		4PRO mSWITCH
Monthly fee	4pmoac1m	4PRO mediaREC
		4PRO mediaPLAY
		4PRO mediaLIVE
		4PRO mTALK
		4PRO mSWITCH

Production Tools

Tool for asset management.

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.

Model	Part Number	Product
Yearly fee	4pmpac1y	4PRO mPAM
Monthly fee	4pmpac1m	4PRO mPAM

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.

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 4PRO mPLAN 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.

Model	Part Number	Product
Yearly fee	4ppiac1y	Social-m
		Screen-m
Monthly fee	4ppiac1m	Social-m
		Screen-m

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

Model	Part Number	Product	
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.