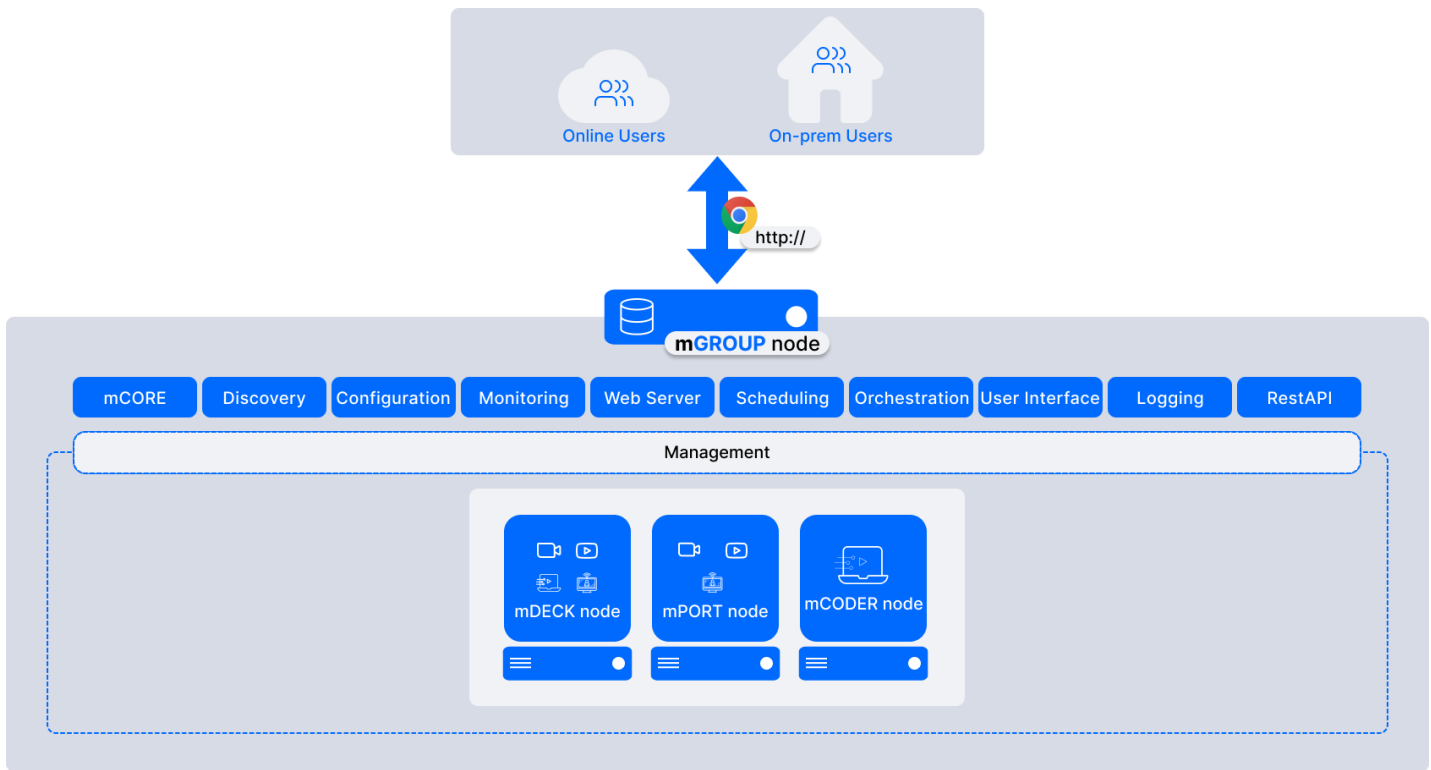




Explore the capabilities of mGROUP, a Central Management solution that unifies all MOG standalone products in a single group that will be the orchestrator of the media operations, seamlessly unifying all media operations within a cohesive ecosystem. It introduces a streamlined approach to virtualizing diverse media operations, including recording, ingesting, transcoding, playback, playout, streaming, decoding, and encoding. By doing so, it effectively simplifies redundancy and scalability, fostering a collaborative production environment that is both effortless and straightforward.

It is meticulously assembled with core management software, advanced database software, and a replication tool. Its feature set includes a sophisticated record scheduler, router control software, versatile endpoint for 3rd party REST API control, and a user-friendly web interface.



Highlights

- mCORE management software
- Centralized database software and replication tool
- mPLAN record scheduler with router control
- Endpoint for 3rd party rest API control, web user interface, and video router control

Specially Designed For

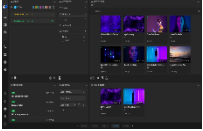
- Educational/Government
- Live Entertainment/Worship
- Corporate
- Sports
- Film/TV Studio/Scripted
- Digital News
- Mobile Studios/OB Vans
- Digitalization
- Archiving
- Post-Production
- Television/Broadcasting
- OTT & Streaming
- System Integrators/Rentals

Media Operations

By grouping standalone MOG products, you can aggregate them as nodes that will work together as part of the group to run different media operations simultaneously, thus ensuring a universe of distinct arrangements to meet the challenging daily activities of media production companies.

Media operations include the operations provided by MOG products, such as baseband ingest and recording, file ingest and transcoding, file preview and playout, and live video streaming.

mDECK



A professional media deck that ensures incredible reliability and elasticity with the combination of recording, transcoding, playout, and live streaming operations in 4K, UHD, FHD, and NDI. All in a single box and with users working together as a group.

Adaptable to a variety of different workflows, mDECK will handle multiple channels of any media formats, simultaneously with full support for file-based and baseband contents.

mPORT



A robust and flexible system engineered for seamless integration within a hybrid media production environment. This professional solution takes your media creativity to new heights, combining record, playout, and live stream operations in 4K, UHD, FHD, IP Live, and NDI.

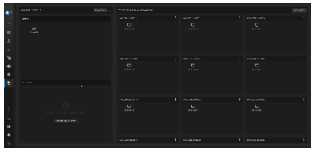
mCODER



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

Package Options

mGROUP seamlessly integrates with MOG's software and turnkey solutions for Solid model, ensuring a streamlined and efficient user experience. Explore below the multiple package options available to your media workflows.



mGROUP Software (part number: mgsw)

Unify all standalone software-based products into a single group using your server's structure.



mGROUP Solid (part number: mgsl)

This robust and resistant server excels in reliability and elasticity, seamlessly consolidating all standalone products based on the Solid model into a unified group.

Technical Specifications

Solid Model

Component		Solid
System	Platform	Dell XR12
	GPU	1x Nvidia A2
	Operating System Drive	480GB RAID 1
	Operating System	Windows 10 Enterprise (LTSC)
Connectivity	Networking	10Gb Ethernet Port SFP+ 25Gb Ethernet Port SFP+
	Video	VGA Out
	USB	2.0 3.0
	Serial Port	1
	Power Requirements	Dual 1400W
Other	Dimensions & Weight	2RU, 463x482x86.8mm (D, W, H), ~20.5 kg
	Delivery Packaging	470x487x92mm (D, W, H), ~25Kg
	Temperature	Storage Continuous Operation
	What is Included	Power Cable Other

Concurrent Media Operations

With mGROUP it is possible to execute different media operations simultaneously, thus guaranteeing a universe of distinct arrangements to meet the challenging day-to-day activities of media producers. These operations encompass recording, ingest, file preview and playout, live video streams, live channel switching, and intercom functionalities.

It is designed to support **the simultaneous execution of up to 25 media operations (channels/ports or file ingest/transcode) per group**. By default, the software model includes 4 media operations, but it offers extensive scalability. This flexibility allows for the addition of extra channel/port pairs tailored to your specific requirements and contingent on the physical number of I/O ports available on the server. This design ensures that the system can adapt to varying demands and expand its capabilities as needed.

Associated Products

Media Operations

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

Segment	Product	Package Option	Media Operations
Media operations	mDECK	Solid	Record, transcode, preview and playout, and live stream
	mPORT	Software	Record, preview and playout, and live stream
		Solid	
mCODER	Software	Transcode	

Note: the part numbers are directly dependent on the products purchased.

Available Options

Customize mGROUP to meet your business requirements by selecting standby licenses, which offer redundancy options.

Standby Licenses

Part Number	Product	Description
mgswsb	mGROUP Software Standby	Optional license for redundancy purposes for software
mgslsb	mGROUP Solid Standby	Optional license for redundancy purposes for Solid models

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

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