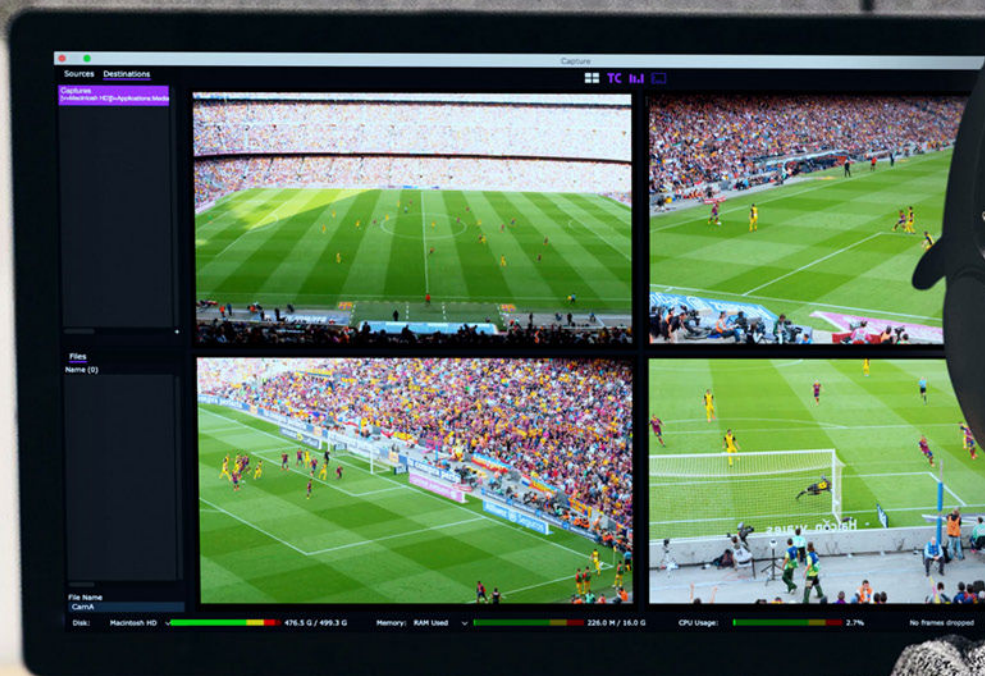


Media I/O

SOLUTION BRIEF

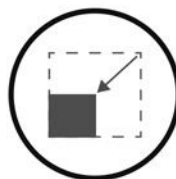


Media I/O is an award-winning, recording and playout solution for capturing content from virtually any source while transcoding it live for fast integration into any production, management, and delivery workflow. Media I/O streamlines today's demanding HD, UHD workflows so you can easily get content on air quickly.



SPEED

Media I/O gives you instant access to live ingesting content and allows for edit-while-ingest to accelerate the production process for both logging and editing workflows.



SCALABILITY

Media I/O gives you and your engineering department a highly flexible and scalable software solution that can grow with your business goals and workflow need.



DYNAMIC

Media I/O is built completely on a software-based framework that allows for both on-premises and cloud-based architectures to give you the ultimate flexibility in hosting your solution.



ROSS
LIVING LIVE!

TOP 3 FEATURES

- Fast access with Edit-while-ingest (Growing Files) to Adobe Premiere.
- Industry standard broadcast formats including XDCAM, ProRes and AVC-Intra.
- Simple scheduling and monitoring for multi-channel installations.

EDITIONS

Media IO Standard

- 2 HD Capture Channels
- 2 HD Playback Channels
- 1 LiveAssist Control Room

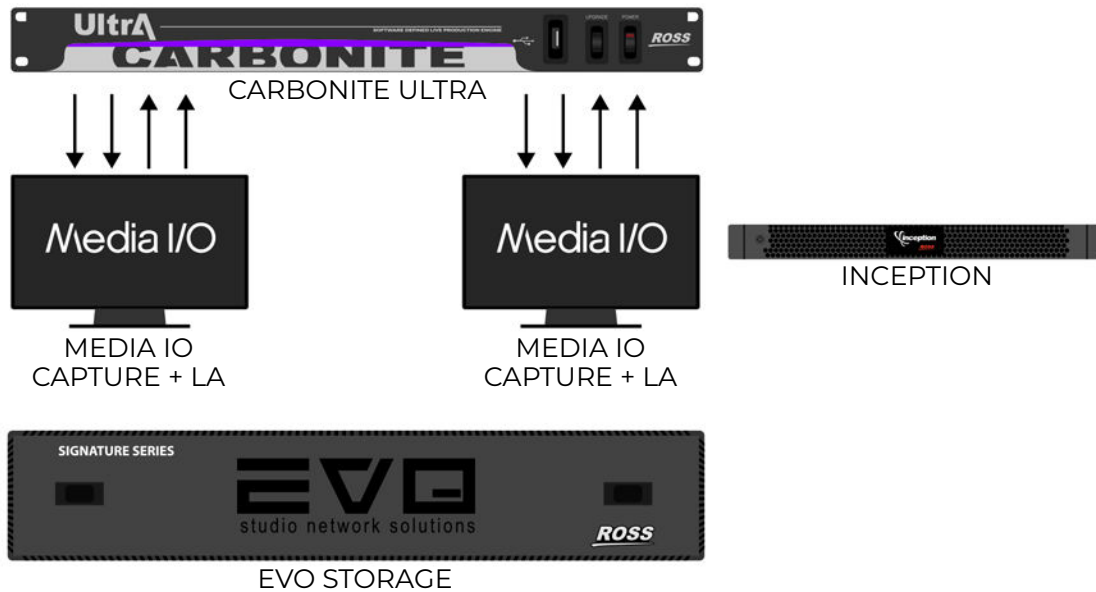
Media IO Production

- 4 HD Capture Channels
- 4 HD Playback Channels
- 2 LiveAssist Control Room

Media IO Enterprise

- 8 HD Capture Channels
- 8 HD Playback Channels
- 4 LiveAssist Control Room

WORKFLOW DIAGRAM



TECH SPECIFICATIONS

MINIMUM SYSTEM REQUIREMENTS (MEDIA I/O SERVER)		
OS	Mac OS 10.11 to 10.15	Windows Server 2019 (64 bits only)
CPU	Intel Xeon E5 8C 3.5 Ghz	Dual Intel® Xeon® Silver 4116 2.1G, 12C/24T, 9.6GT/s
RAM	4 GB per channel recommended	32Gb
SUPPORTED GRAPHICS CARDS	No specific requirement	No specific requirement
SUPPORTED AJA CARDS	Most cards supported	Most cards supported
COMPATIBLE STORAGE	Most storage that can sustain the required constant write speed (depending on the number of streams, the codec and format).	



SUPPORTED VIDEO CODECS

	MEDIA I/O SERVER	WRAPPER TYPE	EWC
UNCOMPRESSED	Yes	MOV & MXF OP1a	Yes
APPLE PRORES 422 HQ	Yes	MOV & MXF OP1a	Yes
APPLE PRORES 422	Yes	MOV & MXF OP1a	Yes
APPLE PRORES LT	Yes	MOV & MXF OP1a	Yes
APPLE PRORES PROXY	Yes	MOV & MXF OP1a	Yes
VIDEO STREAM	Yes	MOV & MXF OP1a	Yes
XDCAM HD422 (50 MB/S CBR)	Yes	MOV & MXF OP1a	Yes
XDCAM HD422 (35 MB/S VBR)	Yes	MOV & MXF OP1a	Yes
AVC-INTRA 50M	Yes	MOV & MXF OP1a	Yes
AVC-INTRA 100M	Yes	MOV & MXF OP1a	Yes
AVC-INTRA 200M	Yes	MOV & MXF OP1a	Yes
DV/DVCPRO	Yes	MOV & MXF OP1a	Yes
DVCPRO 50	Yes	MOV & MXF OP1a	Yes
DVCPRO HD	Yes	MOV & MXF OP1a	Yes
H.264	Yes	MOV & MP4	Yes
IMX/D10 30 MB	Yes	MOV & MXF OP1a	Yes
IMX/D10 40 MB	Yes	MOV & MXF OP1a	Yes
IMX/D10 50 MB	Yes	MOV & MXF OP1a	Yes
(X)AVC INTRA 2K/UHD/4K	Yes	MOV & MXF OP1a	Yes
HEVC INTRA & LONG GOP	Yes	MOV & MXF OP1a	Yes
DNXHD/HR	Yes	MOV & MXF OP1a	Yes
SONY XAVC LONG GOP HD	Yes	MOV & MXF OP1a	Yes
SONY XAVC LONG GOP 4K	Yes	MOV & MXF OP1a	Yes

SUPPORTED IP STREAMS

	MEDIA I/O SERVER
HTTP HLS	Yes
RTMP	Yes
RTSP	Yes
HTTP MPEG DASH	Yes
NDI®	Yes
SRT	Yes
SMPTE 2022/6	Yes

SUPPORTED AUDIO CARDS

	MEDIA I/O SERVER
AAC	Yes
APPLE LOSSLESS	Yes
LINEAR PCM	Yes

SUPPORTED VIDEO CARDS

	MEDIA I/O SERVER
AJA CORVID88	Yes
AJA KONA 5	Yes
AJA LHE PLUS	Yes
AJA KONA LHI	Yes
AJA KONA IP	Yes
AJA KONA 1	Yes
AJA KONA 4	Yes
AJA KONA IO 4K	Yes
AJA KONA IO XT	Yes

