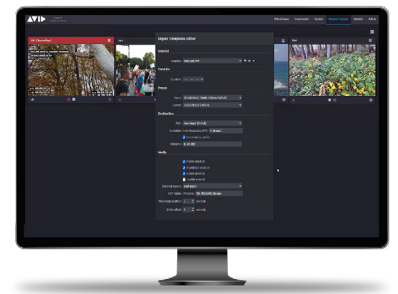


MEDIACENTRAL | STREAM

IP stream ingest and playout for Avid production environments



Expand your coverage while cutting costs with a powerful IP stream ingest and playout solution for broadcast news, sports, and remote live production. MediaCentral® | Stream provides simple and reliable remote contribution, enabling multiple compressed IP stream ingest to your MediaCentral production environment from anywhere, as well as playout to and from anywhere. Capture from more sources. And edit and playout media while capturing it for ultra-fast turnaround. It's the easiest way to add IP contribution to any Avid® production workflow.

STREAMLINE REMOTE LIVE PRODUCTION

Easily bring remote live feeds into your production—all you need is an Internet connection. Record IP streams from cameras, OB vans, mobile devices, news agencies, and other sources directly into your MediaCentral production environment in the same way you ingest live SDI feeds. It's ideal for bringing in content from teams reporting on location, in the field, and from home into your production, whether on premises or in the cloud.

ENABLE PLYOUT FROM ANYWHERE, TO ANYWHERE

Gain more production flexibility with real-time SRT playout to and from any location. Because MediaCentral | Stream can be integrated into an on-premises, on-location, or cloud workflow, production and playout can happen from anywhere, with the ability to securely ingest and stream content to any location.

CAPTURE AND MONETIZE IP CONTRIBUTION

With the ease and cost-savings of sending feeds over the Internet, IP contribution is increasing at a rapid rate. MediaCentral | Stream lets you capitalize on this growing wealth of material. Not only does it enable your organization to provide broader coverage of more stories, it opens up new content and monetization possibilities while cutting resource requirements and costs.

SHORTEN TURNAROUND TIME

No need to wait for feeds to finish recording. You can jump right in and edit media while it's being captured—and stream out content too—enabling teams to turn around breaking stories faster. You can even share new footage and highlights immediately to social media, your website, and other digital platforms—while the recording is still going—to beat your competition and drive more traffic to your broadcast and other properties.

KEY FEATURES

- › Simplify remote live production with an open-protocol, vendor-agnostic, software-based IP ingest and playout solution
- › Enable broadcast contribution to on-premises and cloud production workflows over the Internet
- › Securely control more ingest sources from anywhere with the new MediaCentral | Acquire web-based app
- › Capture IP streams directly to Avid NEXIS® and into MediaCentral using the same workflows used to ingest files and SDI feeds
- › Encode streams to AVC-I 100, XDCAM HD50, XDCAM 35, and Avid DNxHD formats
- › Edit media as it's being captured using MediaCentral, Media Composer®, or Adobe® Premiere® Pro
- › Work with the most common IP streaming protocols, including SRT and RTMP
- › Monitor incoming streams and performance with the web remote console
- › Stream content from and to any location with real-time SRT playout
- › Get flexible deployment—run it as a standalone service on a virtual machine for on-premises use or deploy it as a cloud service for anytime, anywhere access

FOR MORE INFORMATION, VISIT
avid.com/mediacentral-stream



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TESTED DEPLOYMENT CONFIGURATIONS

HARDWARE PLATFORMS USED FOR VIRTUALIZED DEPLOYMENT ON-PREMISES

	AMD-TESTED PLATFORM	INTEL XEON-TESTED PLATFORM
Model	Dell PowerEdge R7515	Dell PowerEdge R740xd
Processor	AMD EPYC 7502P, 2.5 GHz, 32C/64T	2 x Xeon Gold 5220R
RAM	256 GB	384 GB
Networking	1 x Mellanox ConnectX-5 Dual Port 10/25 GbE SFP28	2 x 10GbE SFP+
Qualified VMware	VMware vSphere 7 Essentials	VMware vSphere 7 Essentials
Remote Access	iDRAC9 Enterprise	iDRAC9 Enterprise

VIRTUAL MACHINE

Qualified VMware	VMware vSphere 7 Essentials
Operating system	CentOS 7 x86_64 Minimal-1908
vCPU cores	16
Memory	32 GB
Disk space	80 GB

MEDIACENTRAL | STREAM ENGINE

Supported incoming streams	H.264 and H.265 as SRT/RTMP
Supported playout streams	H.264 as SRT
Stream count	Up to 4 incoming and playout streams, up to 1080p 60fps
Video preview	Via Remote Console (web interface), with audio meters and on-screen display
Supported video codecs	AVC-I 100 and XAVC-I 1080i/720p 50/59.94 XDcam 35/50 1080i/720p 50/59.94 DNxHD 120/145 1080i/720p 50/59.94
Audio sampling	48 kHz/24-bit, up to eight pairs of embedded audio per video channel
Container/wrapper writing	Avid MXF OP-Atom or OP1a
Cross conversion (interlaced as fields per second)	25p > 50i 29.97p > 59.94i 50p > 50i 59.94p > 59.94i
Timecode	Internal free run
Supported Avid products	MediaCentral, Avid NEXIS, Media Composer (see product release notes)

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