



Avid FastServe | Payout

Be the first on air as news breaks



Deliver breaking stories to air fast with a versatile video server designed to accelerate rundown-based news production. Avid FastServe™ | Payout tightly integrates with MediaCentral®, empowering news teams to get stories on air immediately, as the story continues to unfold, without having to render or transfer media first. Plus, it offers both video and graphics playout in the same box, maximizing production flexibility while minimizing costs.

TURN AROUND CONTENT FASTER

Avid FastServe | Payout has been completely redesigned, now offering flexible UHD and HD playout channels—with support for a wide range of codecs and wrappers—enabling back-to-back video and graphics playout in fast-paced news environments. It provides two channels of UHD playback in Avid DNxHR®, XAVC, and H.264 formats, or up to eight HD/3G playout channels. It also offers 8 TB of RAID-protected internal storage, as well as direct media playback from Avid NEXIS®, decreasing response time and minimizing network traffic during production.

CONSOLIDATE VIDEO AND GRAPHICS PLAYOUT

Avid FastServe | Payout significantly increases efficiency and cost effectiveness by consolidating all media playout through one system—run by a single operator—without compromising on quality. When paired with Maestro® | News, it provides fully integrated video, image, and motion graphics playout. It also tightly integrates with MediaCentral, offering a holistic and streamlined workflow for end-to-end UHD/HD playback. This unique capability sets Avid FastServe | Payout apart from every other playout server on the market.

PLAY OUT MULTIFORMAT SEQUENCES

Avid FastServe | Payout enhances efficiency and decreases time to air, enabling fast and easy content playout. With a growing number of codecs supported, Avid FastServe | Payout enables you to play multiple sequences made up of different wrappers and codecs back to back from the same playlist, without transcoding in advance. In addition, it supports playback of static images and image sequences, as well as media with an alpha channel.

ACCELERATE PLAYBACK

With support for Send to Playback (STP) functionality, you can seamlessly integrate FastServe | Payout into any existing AirSpeed® environment, enabling editorial teams to send content directly from their edit stations to up to six FastServe | Payout servers with a single command. STP ensures that all playback systems receive the same content and provides complete redundancy in multi-server environments.

GET RELIABLE PERFORMANCE

The Avid FastServe | Payout hardware architecture is robustly built to address the most demanding news, sports, and entertainment production environments. The server is equipped with hot-swappable dual power supplies, dual port network connections, and RAID-protected hard disks running the virus-free and stable Linux operating system, ensuring you can capture the media you need and keep content safe.

BOOST YOUR ROI

A versatile production environment offers a better return on investment, and Avid FastServe provides the flexibility you need to meet every production demand. From classic news ingest and playout, to turning around breaking news stories quickly, Avid FastServe | Payout can handle the complex and ever-changing needs of modern broadcasters. It also reduces production costs, as only a single operator is required to orchestrate media for a multitude of workflows and needs.

KEY FEATURES

- Streamline live production with a server that fully integrates with MediaCentral to boost any news or sports news workflow
- Accelerate content turnaround for any type and size of live news or sports production
- Boost efficiency and speed your time to air by eliminating the need to transcode content to a single format prior to playout
- Reduce production costs by consolidating video, image, and motion graphics playout into a single system—run by a single operator—without compromising quality
- Get support for two channels of UHD playback, or up to eight HD/3G playout channels
- Enable back-to-back media playout with support for a wide range of codecs and wrappers
- Gain workflow versatility in a single solution to handle everything from classic news ingest, to the most demanding breaking news scenarios, election coverage, high-profile sporting events, and multi-cam productions

FOR MORE INFORMATION, VISIT
avid.com/fastserve

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HARDWARE SPECIFICATIONS

CPU	2 x Intel Xeon 14-Core 2.4 GHz
Operating system	CentOS Linux
Memory	64 GB RAM
Internal storage	Video server—16 x 2 TB SATA 3, RAID 60 System disk—2 x 240 GB SSD, RAID 1
Data interfaces	4 x USB 3.0 (2 front, 2 back) 2 x 10Gb Ethernet (SFP) 2 x 1Gb Ethernet (RJ45) 1 x VGA maintenance (back) 1 XLR LTC input
Supported video codecs	IMX 30/50, MPEG2 (Iframe or GOP), XDCAM 50/35/18 DV 25/50, DVCPPro 100 DNxHD SQ/HQ/HQ-X (including video + alpha from MOV) AVC-I 50/100/200, AVC-L 12/25/50 XAVC-I 50/100/200. XAVC-LongG 25/35/50 QT Animation (RLE, with Alpha) Images: PNG, JPEG, TGA, TIFF, BMP, SGI UHD: XAVC-I 300/480, UHD XAVC-L
Video outputs	18 x 3G-SDI 8 HD outputs / 2 quad link SDI UHD outputs
Video outputs (monitoring)	1 x HD-SDI/3G-SDI OSD On/Off
Video references	Genlock, Analog Black Burst / Tri level sync / 75Ω with loop through
Audio	Embedded audio—PCM; up to 8 stereo audio channels per video input; 4 stereo for XDCAM
Available I/O configurations	HD: 8 x video playback / 4 x fill + key / other combinations UHD: 2x video playback
Dimensions (H x W x D)	3U Rack 5.1 x 17.4 x 31.1 inches (130 x 443 x 790 mm)
Weight	83.7 lbs (38 kg) approximate
Power supply	Redundant power supply 100–240V, 47–63 Hz, 2 x 1,500w
Environmental conditions	Operating temperature: 41°–104°F (5°–40°C) Storage temperature: -40°–158°F (-40°–70°C) Humidity: 90% max



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FSPDS0318