

FASTSERVE | PLAYOUT

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. FastServe® | Playout 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.

GET FULLY INTEGRATED NEWS PLAYOUT

FastServe | Playout is available in 8-channel HD/UHD and 4-channel HD server configurations and integrates into any existing Avid® news playout environment, including MediaCentral, iNEWS®, and Interplay®. Its STP (Send to Playback) engine enables playout while the media is being transferred from timeline to server. It integrates with MediaCentral | Command for news rundown control, as well as other common studio automation controllers, enabling a fast, accurate, and highly redundant news playout workflow.

DELIVER MULTIFORMAT CONTENT QUICKLY

With support for a wide range of codecs and wrappers, it enables back-to-back video and graphics playout in fast-paced news environments—without transcoding in advance. It offers up to 16 TB of RAID-protected internal storage, plus direct media playback from Avid NEXIS®, speeding response time.

CONSOLIDATE VIDEO, IMAGE, AND GRAPHICS PLAYOUT

Pair FastServe | Playout with Maestro™ | News and you can control video, image, and motion graphics playout from a single solution. It also tightly integrates with MediaCentral, offering a holistic and streamlined workflow for end-to-end UHD/HD playback.

GET RELIABLE PERFORMANCE

FastServe | Playout is robustly built to address the most demanding production environments, with no single point of failure. 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 smooth operation and reliability.

BOOST YOUR ROI

FastServe streamlines the studio workflow, requiring fewer servers and fewer operators while reducing costs. It integrates easily into any broadcast environment and protects your capital investment by supporting both today's and tomorrow's technologies, so you can be "future-ready" right now.



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
- Play out media directly from Avid NEXIS, speeding response time
- Choose from two configurations—8-channel HD/UHD or 4-channel HD—to support your needs

FOR MORE INFORMATION, VISIT
avid.com/fastserve



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	8-CHANNEL HD/UHD SERVER	4-CHANNEL HD SERVER
CPU	2 x Intel Xeon 8-Core 2.1 GHz	1 x Intel Xeon 14-Core 2.4 GHz
Operating system	CentOS Linux	CentOS Linux
Memory	64 GB RAM	32 GB RAM
Internal storage	Video server—16 x 2 TB SATA 3, RAID 60 System disk—2 x 240 GB SSD, RAID 1	Media RAID—4 x 2 TB SATA 3, RAID 10 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	4 x USB 3.0 (2 front, 2 back) 2 x 1 Gb 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, DVCPro 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	IMX 30/50, MPEG2 (iFrame or GOP), XDCAM 50/35/18 DV 25/50, DVCPro 100 DNxHD SQ/HQ/HQ-X AVC-I 50/100, AVC-L 12/25/50 XAVC-I 50/100, XAVC-LongG 25/35/50 QT Animation (RLE, with Alpha) Images: PNG, JPEG, TGA, TIFF, BMP, SGI
Video outputs	8 HD-SDI/3G-SDI or 2 Quad-Link 3G-SDI, 3G-SDI down convert OSD	4 HD-SDI/3G-SDI
Video outputs (monitoring)	1 x HD-SDI/3G-SDI OSD On/Off	4 HD-SDI/3G-SDI OSD On/Off
Video references	Genlock, Analog Black Burst / Tri level sync / 75Ω with loop through	Genlock, Analog Black Burst / Tri level sync / 75Ω with loop through
Audio	Embedded audio—PCM; up to 8 stereo audio channels per video input	Embedded audio—PCM; up to 8 stereo audio channels per video input
Available I/O configurations	HD: 8 x video playback / 4 x fill + key / other combinations, UHD: 2x video playback	HD: 4 x video playback / 2 x fill + key / other combinations
Timecode output	VITC / ATC	
Dimensions (H x W x D)	3U Rack, 5.1 x 17.4 x 31.1 inches (130 x 443 x 790 mm)	3U Rack 5.1 x 17.4 x 22.8 in (180 x 443 x 650 mm)
Weight	83.7 lbs (38 kg) approximate	37.5 lbs (17 kg) approximate
Power supply	Redundant power supply, 100–240V, 47–63 Hz, 2 x 1,500w	Redundant power supply 100–240 V, 47–63 Hz, 2 x 800W (peak), 2 x 500W (continuous)
Environmental conditions	Operating temperature: 41°–104°F (5°–40°C) Storage temperature: -40°–158°F (-40°–70°C) Humidity: 90% max	Operating temperature: 41°–104°F (5°–40°C) Storage temperature: -40°–158°F (-40°–70°C) Humidity: 90% max

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