

FASTSERVE | LIVE EDIT

Turn around stories and highlights instantly

Turn around incoming feeds lightning-fast with a powerful turnkey video server solution that empowers high-efficiency collaboration across any live news or sports broadcast production. When timing is critical, FastServe® | Live Edit is your first response tool, enabling teams to capture, edit, and playout media from within the same box and get breaking stories, sports highlights, and replays to air immediately. Its modular, future-proof architecture fits any budget and provides a smooth transition from HD to UHD, and from SDI workflows to video over IP.

GET BREAKING STORIES ON AIR FAST

When news breaks, video from satellite feeds, cameras, and other sources come in fast and furious. FastServe | Live Edit enables a single operator to record feeds, edit clips quickly, create playlists, and add or remove segments from playlists while on air to keep up with last-minute changes.

INGEST AND EDIT IN PARALLEL

As a turnkey solution, Live Edit enables you to ingest multiple streams in HD or UHD, as well as HDR, and edit media as it's being captured, speeding your time to air. The server can house over 200 hours of DNxHD (120 mbps) media internally. Enable loop recording for a continuous 24/7 capture cycle.

GET INTELLIGENT HANDS-ON CONTROL

With the included hardware controller, you can edit and play out stories, highlights, and replays near-instantly from the surface. Access clips, playlists, server controls, and configuration tools through the touchscreen. And speed through recordings and complete tasks with the jog wheel, T-bar, and other controls.

STREAMLINE COLLABORATION ACROSS MEDIACENTRAL

Recordings can be simultaneously streamed in real time to Avid NEXIS® storage, making the media immediately available to MediaCentral® and Media Composer® users. Tag clips from the touchscreen to make media easier to find and monetize across the platform.

SAFEGUARD YOUR LIVE BROADCAST

When covering live events and breaking news scenarios, the possibility of airing offensive or controversial content in your live broadcast is a risk. With the delayed broadcast option, you can set a short time delay to prevent inappropriate content from getting to air.

SPEED UP MULTI-GAME HIGHLIGHTS

When recording feeds from multiple games, Studio Mode enables a single operator to create highlights for each game, while the server manages each input's clips list and playlists separately. Use touchscreen keyword tagging, and journalists can quickly locate the game highlights they need when using MediaCentral.



KEY FEATURES

- › Get full media ingest, editing, playout, and collaboration capabilities in a single solution
- › Complement your existing news workflow with the best first response tool, enabling instant content turnaround
- › Gain workflow flexibility with I/O configurations for HD, 1080p, and UHD
- › Be ready for any breaking news scenario with 24/7 loop recording capabilities
- › Access and edit recordings, clips, playlists, server controls, and more hands-on with the hardware controller
- › Edit multiple incoming feeds and turn around sports highlights and replays fast—as the action happens—while reducing operational costs
- › Make media instantly available to MediaCentral for additional craft editing
- › Quickly tag and sort clips using keywords for better search and media monetization
- › Easily make a smooth transition from SDI to video over IP workflows

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SERVER SPECIFICATIONS

CPU	2 x Intel Xeon 8-Core 2.1 GHz
Operating system	CentOS Linux
Memory	64 GB RAM
Data interfaces	1 x Serial 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
Internal storage	Video server—16 x 2 TB SATA 3, RAID 60 System disk—2 x 240 GB SSD, RAID 1
Media capacity	XDCAM50 422: 280 hours DNxHD SQ: 200/160 hours DNxHD HQ-X: 130/100 hours DNxHR SQ 3G: 100/80 hours DNxHD HQ-X 3G: 65/50 hours DNxHR HQ-X UHD: 17/12 hours
Supported video codecs	HD: XDCAM HD 422, DNxHD 120/145 SQ, DNxHD 185/220 HQ-X 3G: DNxHD 240/290 SQ, DNxHD 370/440 HQ-X UHD: DNxHR SQ, DNxHR 1480/1760 HQ-X
Video inputs	HD-SDI/3G-SDI with clean and OSD loops, 12G-SDI/Quad-Link 3G-SDI (SQD)
Video outputs	HD-SDI/3G-SDI, 12G-SDI/Quad-Link 3G-SDI (SQD), 3G-SDI down convert OSD
Video outputs (monitoring)	HD-SDI/3G-SDI, 12G-SDI/Quad-Link 3G-SDI (SQD), OSD On/Off
Available I/O configurations—HD	8 in / 0 out 6 in / 2 out 4 in / 4 out 2 in / 6 out 0 in / 8 out
Available I/O configurations—UHD	3 in / 1 out 2 in / 2 out 1 in / 3 out
Audio	Embedded audio—PCM; up to 8 stereo audio channels per video input
Video references	Genlock, Analog Black Burst / Tri level sync / 75Ω with loop through
Timecode input	Internal free run LTC—XLR, ATC ST12-2
Timecode output	ATC ST12-2
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 (max)
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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CONTROLLER SPECIFICATIONS

CPU	Atom N270
Operating system	Linux
Memory	1 GB RAM
System hard drive	8 GB SSD
LCD	5.7-inch (144.8 mm) 640x480 TFT color touchscreen
Controls	37 illuminated push buttons, 3 million operations minimum; user-configurable jog wheel; T-bar controller
Channel configurations	8-channel server <ul style="list-style-type: none">> 7 in / 1 out> 6 in / 2 out (PVW-PGM / 2PGM / MultiPGM)> 4 in / 4 out (Adding a second controller enables two more outputs to be configured)
Super slow motion configurations	Supports 2x, 3x, 4x, & 6x normal speed cameras, combined with single phase camera recording channels
Data interfaces	1 x Serial 2 x USB 2 x 1Gb Ethernet 1 x VGA
Input devices	Support for external USB keyboard and USB mouse
Dimensions (H x W x D)	7.1 x 11 x 11.2 inches (180 x 280 x 285 mm)
Weight	10.6 lbs (4.8 kg) approximate
Power consumption	100–240V, 47–63 Hz, 60w (max)
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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