Lightspeed Live Play

SDI SD/HD/4K Playback option for Live Capture

Telestream Lightspeed® Live Play adds a flexible playback option to Telestream's enterprise-class Live Capture server products. Lightspeed Live Play can playback individual files, multi-file playlists or from a growing file being created by a Live Capture server.
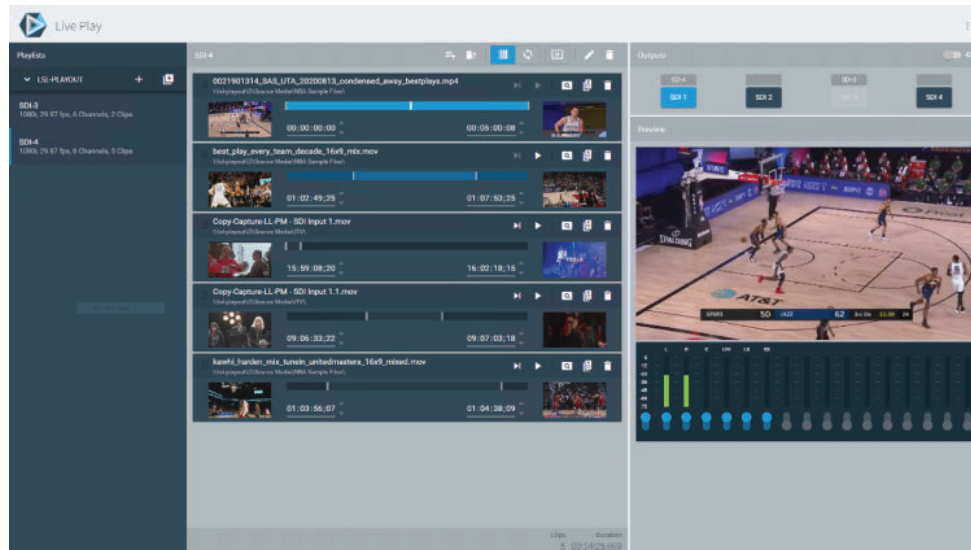
Overview

Lightspeed Live Play software option is a flexible and scalable video playback solution that can be installed on Live Capture C2 servers, enabling 4X SD/HD SDI outputs, or on Live Capture C3/C4 servers enabling up to 8X SD/HD or up to 2X 4K/UHD outputs. Live Play's browser-based playback application supports simultaneously playing of many media file types via 3G-SDI. The Live Play solution enables you to assemble a single file or a sequence of media files in a playlist, and play them back over SDI.

Live Play includes these key features:

- Supports a wide variety of codecs and containers (QuickTime, MXF OP1a, MXF OPAtom, and TIFO)
  - Playback of up to 8 simultaneous SD/HD assets
  - Playback growing TIFO or MXF OP1a files being made by Live Capture
  - Can be used as a confidence monitor output with minimal latency using the REST API
- Web based browser user interface
  - Manually Add, Remove, or Reorder clips
  - Trim start and end of clips in the playlist
  - Supports mixed format playlists
  - Supports format normalization for playback
  - Supports time code and ANC data playback
- Play a single file or multiple files in a playlist
- Supports single play or looping playback
- Import and Export playlist configuration
- Playback from local or shared network storage
- Full REST API for powerful automated control

telestream

Lightspeed Live Play – Technical Specifications

API Control
- Full REST API

ANC playback
- Time Code
- AFD
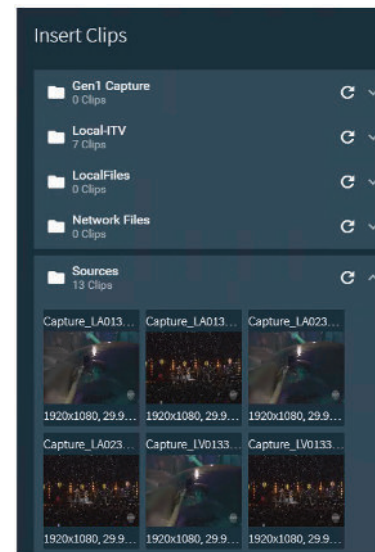- Closed Captions
- SMPTE 436M

File formats
- Apple ProRes
- DNxHD
- DNxHR
- AVC Intra
- AVC Ultra
- AVC
- XDCAM HD
- XDCAM HD422
- XDCAM EX
- IMX
- HEVC
- XAVC
- DV
- x264
- x265
- MPEG-2
- Uncompressed 10-bit (SD/HD V210)

Browser based control UI
- Single file or multi-file playlists

Container Wrappers
- MXF OP1a
- MXF OPAtom
- QuickTime
- MP4
- MPEG Transport Stream
- Telestream TIFO

telestream