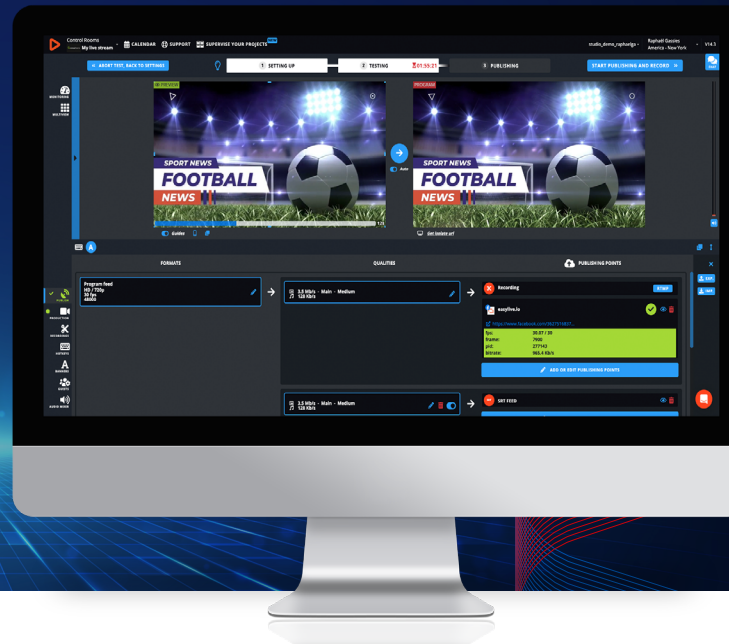


LiveU STUDIO

**ENGAGE AND REACH MORE
AUDIENCES THAN EVER BEFORE!**


**The First Cloud-Native Production
Solution with LRT™**



In order to extend their reach in today's fragmented media landscape, content creators and broadcasters must produce more impactful live video content and place it where their audiences are. This demand for more content to be delivered to more digital channels comes at a time when budgets are under extraordinary pressure, making effective monetization essential.

LiveU Studio, the world's first cloud-native live video production solution with native LRT™ (LiveU Reliable Transport) input, has been designed with these challenges in mind. Now storytellers have the ability to swiftly produce shows, complete with remote callers, video switching, audio mixing, graphics and social media monetization options, before distributing them to up to 30 digital platforms right from their web browser.

A UNIQUE PRODUCTION-TO-STREAM FEATURE SET

-  **VIDEO SWITCHING**
 - Live switching of up to 12 sources
 - Configurable hot keys
 - Multiple key layer support
 - VOD playlists
 - Configurable fallback sources
-  **MULTI-DESTINATION**
 - Up to 30 destinations publisher
 - HLS streaming to 3rd party CDNs
 - LRT™ output to LiveU RX channels, including LiveU Matrix*
-  **GRAPHICS & AUDIO**
 - Graphics builder
 - Automatic lower thirds
 - 3rd party live graphics support
 - Audio mixer
-  **PROFESSIONAL FEATURES**
 - Multiple simultaneous users and projects
 - Built in clip player
 - Configurable projects Multiviewer
 - Real-time performances monitoring
-  **REMOTE GUESTS**
 - Ultra-low latency guest contribution using WebRTC
 - Seamless 'click a link to join' experience
 - Screen share functionality
 - 'On-air' status notification

*Roadmap

WHAT CAN I USE IT FOR?

Locker room festivities, practice games, 24/7 pop-up channels or CEO messages all provide opportunities for your viewers and fans to connect with your content in new ways. Make them more accessible and engaging so they keep coming back for more.



SPORTS

PRESS CONFERENCES
SIMULCAST



NEWS

WEBCASTS
SPECIAL EVENT COVERAGE



CORPORATE

WEBINARS
SALES CONFERENCES

TECHNICAL SPECIFICATIONS

INGESTING LIVE STREAMS

Number of live inputs (VOD included)	Up to 12
Supported live video protocols	LRT™, SRT, WebRTC, RTMP, RTP, RTMPS, HLS, RTSP, MPEG-TS, DASH
Supported resolution	Up to 1920x1080
Supported video bitrate	Up to 40Mbps
Supported frame rate	Up to 60fps
Scan type	Interlaced or progressive
Supported video codecs	H.264, H.265
Supported audio channels	Mono or Stereo
Supported audio bitrate	384 kbps @48000 kHz
Supported audio codecs	AAC
Multi audio modes	Stereo, RStereo (switch left and right), left (left to Stereo), right (right to Stereo)
Supported live audio types	HTTP/HLS
Supported audio file formats	MP3, AIFF, WAV, MP4, FLAC
Multi audio, video or subtitle tracks	Supported

DISTRIBUTING LIVE VIDEO

Simultaneous live streams	Up to 30 destinations
Supported live video protocols	LRT™, RTMP, RTMPS, SRT, WebRTC, HLS, MPEG-TS
Supported live video resolution	Up to 1920x1080
Supported live video bitrate	Up to 40Mbps
Supported framerate	Up to 60fps
Scan type	Progressive & Interlaced
Supported video codecs	H.264
Supported audio codecs	AAC
Supported audio bitrate	Up to 384kbps
Video preset	Slow to Ultrafast
Video profile	Main or Baseline
Supported audio channels	Stereo
Supported aspect ratios	Horizontal (16:9), Square 1:1, Vertical 4:5, Portrait 2:3, Stories 9:16

VIDEO-ON-DEMAND (VOD) FILE FORMAT SUPPORT

Supported video formats	MPEG-4 (.mp4), MKV, WebM, .mov
Supported video bitrate	Up to 40Mbps
Supported video codecs	H.264, H.265
Supported audio codecs	MP3, AAC
Supported file size	5GB per local file or unlimited via URL
Supported resolution	Up to 1920x1080
Multi audio, video or subtitle tracks	Supported

CLIPS EXPORT FORMAT SUPPORT

Supported resolution	Up to 1080p
Supported aspect ratios	Horizontal (16:9)
Supported video codecs	H.264
Supported video formats	MP4

GRAPHIC OVERLAYS AND IMAGERY

Graphic type	File	Live graphics: Dizplai, Singular, Flowics, StreamElements, Streamlabs, Tagboard
Supported resolution	Up to 1920x1080	Up to 1920x1080
Supported file formats	PNG, JPG, GIF, AVIF, WEBP, APNG	HTML
Supported audio codecs	AAC	AAC