



LU-SMART

BRINGING BONDED TRANSMISSION TO MOBILE PHONES

Supporting leading iOS and Android devices, the LU-Smart app represents the next level in mobile newsgathering, allowing broadcasters and online content creators to extend their coverage using their smartphone. The LU-Smart bonds internal WiFi and cellular connections to reach optimal video quality.

The LU-Smart enables high-quality, low-latency and reliable live video transmission on-the-move. Users can combine available LTE and WiFi networks including the ability to support an external MiFi, enabling the bonding of two cellular connections in a single smartphone. In this way users can bond the phones' internal LTE with external LTE for network diversity: increasing both reliability and available bandwidth.

LU-Smart connects to your existing LiveU receive servers and is incorporated into the LiveU ecosystem via LiveU's unified management platform, LiveU Central. LiveU Central enables control rooms to manage all their video feeds from LiveU units operating worldwide for a flawless management workflow.

Key Features

- Works on popular iOS and Android phones
- Advanced camera controls for pristine liveness
- Bonds phone's cellular connection with external WiFi or MiFi
- Multiple video modes: live, live & store, store & forward, and upload from gallery
- Built-in metadata support
- Full monitoring and control from LiveU Central
- IFB via connected wired or Bluetooth headset



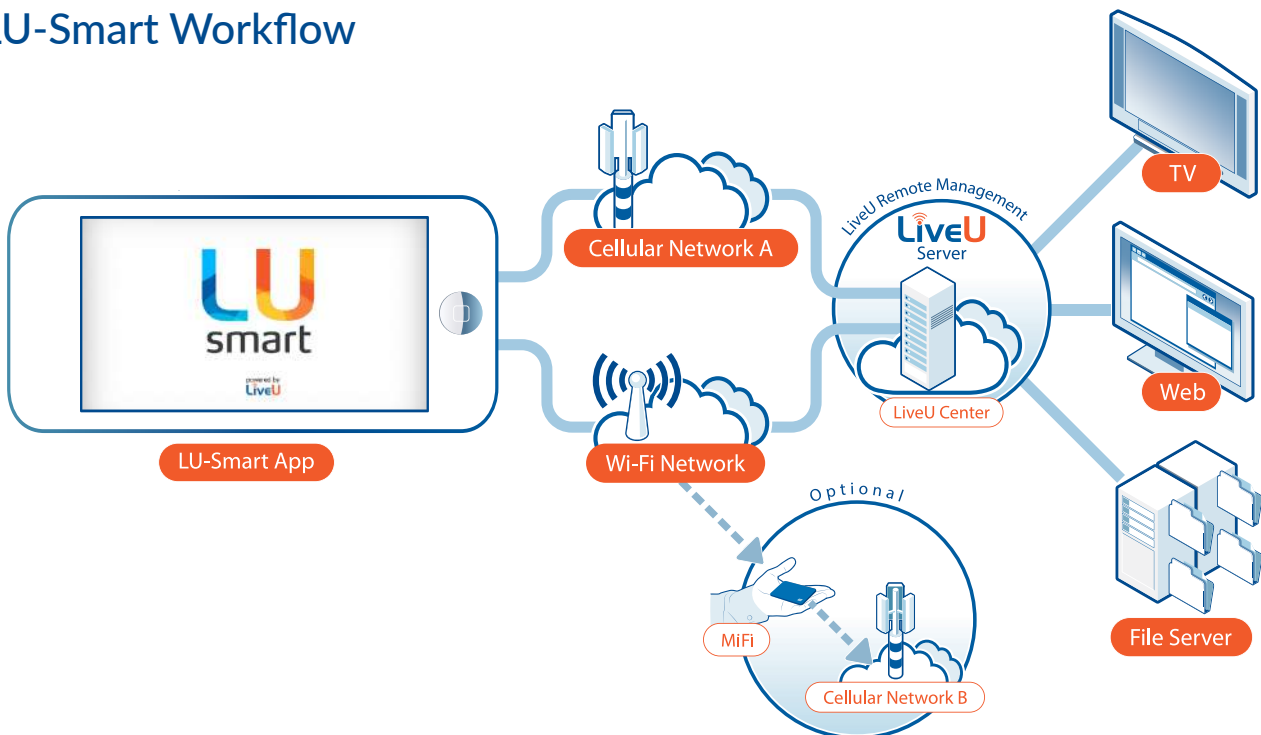


LU-Smart Technical Specifications

SMARTPHONE SUPPORT	iOS	iPhone 14 all models/ iPhone 13 all models/ iPhone 12 all models / iPhone 11 all models / iPhone X all models / iPhone XS Max / iPhone SE (2nd & 3rd generation)
	ANDROID	Samsung Galaxy S22* Family/ S21* Family/ S20 Ultra (5G)/ S20 (5G)/ S10/ S10e/ S23
VIDEO	ENCODING	Adaptive Rate Video encoding
	OUTPUT RESOLUTION	720x576 (PAL) 720x480 (NTSC), 1080i50/60, 1080p50/60
AUDIO	FORMAT	Advanced Audio Coding (AAC)
	SAMPLE RATE	48Khz
	CHANNELS	2 (mono duplicated to stereo)
	BITRATE	64Kbps
	IFB	Supported voice IFB

* The LU-Smart app is officially supported on Samsung smartphones equipped with Qualcomm Snapdragon processors. On Exyons-based devices the video may have artefacts or frame skips.

LU-Smart Workflow



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