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New & Unique Facilities in Telestream Lightspeed Live Stream & Capture Deliver Highest Quality Content Reliably at Scale

Resilience through redundancy, dual encoder & publishing position Telestream Lightspeed Live as clear market leader

Nevada City, California, September 5, 2019 – At IBC 2019, [Telestream®](#) (Booth 7.C16 & 7.C14), a global leader in file-based media workflow orchestration, media streaming and delivery technologies, will showcase major new functionality in its [Lightspeed Live Capture](#) and [Lightspeed Live Stream](#) platforms. Of strategic importance for broadcasters and OTT streaming service providers seeking large-scale streaming platforms with inherent resilience combined with high channel density and optimal cost-per-channel, Telestream will introduce a new and unique live platform containing 8 3G-SDI I/O ports.

Large-scale OTT service providers need efficient management and resiliency for pools of linear channels. Now, Lightspeed Live Stream provides system-level redundancy with standby channels held in reserve in case of hardware or software failures. What makes this facility unique is its peer-to-peer implementation with no 'eye-in-the-sky' arbitrage system required to orchestrate a switchover. Further resilience and core system efficiency is brought to Lightspeed Live Stream by a new capability to provide dual encoder and dual publishing capabilities in concert with [Unified Streaming](#) and [Akamai](#). With this new collaborative facility, high value content is assured to reach the origin server and CDN using an active-active technique to replace missing or damaged content.

The new, high density 1RU Lightspeed Live appliance is a hardware platform supporting Lightspeed Live Capture and/or Lightspeed Live Stream products. The appliance provides a video processing platform that allows ingest of real-time video and audio from SDI and IP sources. It supports decoding/encoding of SD/HD/UHD sources and provides parallel processing of multiple video outputs, for a wide variety of destination devices and formats under the control of the Lightspeed Live Capture or Live Stream software. The system supports up to eight SD/HD/3G input channels or two 4K/UHD channels, with eight independent 16-channel audio processing engines.

In addition, Lightspeed Live Stream for the first time integrates SRT open source video transport support and V-Nova's P+ encoding. Also, the use of role-based permissions makes it easy to track and audit changes, as well as tailoring permissions to user responsibilities.

The ability to effectively edit and monetize content within large-scale ecosystems is critical. A compelling new feature within Lightspeed Live Capture is Live Edit Sub Clipping, which enables lightning fast sub-clipping of content from live and previously captured media sources. The system utilizes a browser based HTML5 Live Edit user interface, providing completely frame accurate editing via a low-resolution HLS proxy, and powerful metadata support. Also, Lightspeed Live Capture is an ideal enabler for Edit@Home remote production including simultaneous auto-archiving capabilities.

"The ability for broadcasters and OTT service providers to live stream at scale with equivalent resilience and efficiency to linear broadcasts is becoming a critical business driver," commented Scott Murray, Vice President of Product Management, Media Workflow and Production Solutions at Telestream. "These new strategic enhancements to LightSpeed Live Stream and Capture underscore our laser sharp focus on orchestrated workflows within larger streaming ecosystems."

For more information on Telestream's IBC exhibit, and to schedule a meeting at the event, please visit <https://www.telestream.net/ibc>

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About Telestream

Telestream provides world class live and file-based solutions for automated workflow and quality monitoring and management solutions for video that allow consumers and businesses to transform video on the desktop and across the enterprise. Many of the world's most demanding media and entertainment companies, and service providers, as well as a growing number of users in a broad range of business environments, rely on Telestream products to streamline operations, reach broader audiences, generate more revenue from and ensure the quality of their media. Telestream products span the entire digital media lifecycle, including [video capture and ingest](#); live and on-demand [encoding](#) and [transcoding](#); [captioning](#); [playback and inspection](#), delivery, and [live streaming](#); [automation and orchestration](#); with its [iQ product line](#), Telestream enables the monitoring and management of quality service and experience over any network.

Telestream's corporate headquarters are located in Nevada City, California and Westwood, Massachusetts. The company is privately held. For company and product information, visit www.telestream.net.

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