



NEWS RELEASE

NAB 2018

Stand number: SL3316

April 7th to 12th 2018

Las Vegas Convention Center

Telestream Introduces World's First Integrated Closed Caption Inserter & Multiscreen Live Streaming Solution

Telestream responds to user calls for broadcast enterprise scalable and social media-compatible caption insertion on multiple live streams with zero re-encoding and re-streaming

Nevada City, California, March 15, 2018 – At NAB 2018, booth SL3316, [Telestream®](#), a global leader in file-based media workflow orchestration, media streaming and delivery technologies will introduce a unique 'one-box-solution' for closed caption encoding to multiple live streams. Sophisticated 608/708 caption insertion capability is part of the latest version of [Lightspeed Live Stream](#). Telestream's multiscreen live encoding and packaging at scale solution for broadcasters, content aggregators and live event production companies.

From national broadcasters to college sports, houses of worship, live event producers and even the military, the broadest range of organizations need live captioning. As live video streaming over IP networks continues to grow exponentially, the need for live closed captions within multiscreen applications is becoming critical. In response, Telestream's new integrated live caption encoding solution is now part of Lightspeed Live Stream, helping avoid the cost and complexity of going to baseband when inserting digital captions.

Unique approach to live captioning maintains integrity of content with zero restreaming

Today, virtually all IP caption insertion systems are cloud-based, requiring content to be moved first to the cloud, there captioned, then re-encoded and re-streamed for delivery. This introduces significant opportunity for human and mechanical error, ultimately impacting the quality of the final content. In contrast, Telestream's live captioning solution with Lightspeed Live Stream eliminates restreaming, instead encoding the live captions within the original stream and ensuring the best possible quality.

And unlike expensive traditional one-channel baseband caption hardware, Telestream has used its industry-leading experience to develop a single 1RU enclosure that encodes captions to multiple live video streams, saving space and as much as \$7K to \$10K per channel. The system's scalability offers on-demand caption insertion over as many streams as needed. Lightspeed Live Stream uses standard captioning protocols to receive caption data, so existing third-party court reporting software can connect to Lightspeed Live Stream via IP, making the system truly 'plug and play'.

“Whether its commercial broadcaster streaming or live captions for Facebook, YouTube or any other streaming platform, we have developed functionality in Lightspeed Live Stream that absolutely simplifies live stream captioning,” said Scott Murray, VP Product Management at Telestream. “Uniquely, our solution involves no re-encoding or re-streaming so there is zero possibility of blips and glitches being introduced into the streamed content.”

In addition to the new live captioning capabilities, users benefit from a true enterprise-class live streaming, encoding and packaging system. For multiscreen live encoding and packaging at scale, Lightspeed Live Stream is Telestream's premiere live encoder for broadcasters and content aggregators. With this advanced solution, users can add time delay to the stream for synchronization purposes. In addition, they can use Lightspeed Live Stream to route captured recordings to Telestream's Vantage Media Processing Platform for further enhancement. For more information on Telestream's various captioning solutions go to <http://www.telestream.net/>

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About Telestream

Telestream provides world-class live and on-demand digital video tools and workflow solutions 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 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 corporate headquarters are located in Nevada City, California. The company is privately held. For company and product information, visit www.telestream.net.

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