



Harmonic Enhances ViBE(R) UHD Encoder to Support Contribution Workflows

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New Capabilities for 4K Contribution Applications Provide Low-Latency, High-Bitrate HEVC 4:2:2 10-bit Encoding

SAN JOSE, CA -- (Marketwired) -- 04/06/16 -- Harmonic (NASDAQ: HLIT), the worldwide leader in video delivery infrastructure, today announced new capabilities for its industry-leading ViBE® 4K encoder that deliver Ultra HD (UHD) low-latency, high-bitrate HEVC 4:2:2 10-bit encoding for 4K contribution applications. The ViBE 4K encoder is one of several leading-edge solutions that have joined the Harmonic product family as a result of the company's recent acquisition of Thomson Video Networks.

By reducing encoder latency to less than a second, and increasing maximum encoding bitrate to 160 Mbps, the ViBE 4K encoder addresses key latency and picture fidelity requirements for contribution applications. In addition to excellent picture quality, customers need to retain maximum color information and facilitate editing and master archiving of received content. With its full-frame, full-GOP, 4:2:2 10-bit implementation, the ViBE 4K encoder is an ideal solution for delivering artifact-free pictures when compared to UHD contribution solutions that rely on multiple encoders, along with uniform rendering of single-texture areas such as the grass on a soccer field.

"By leveraging HEVC for contribution applications, Harmonic is allowing customers to embrace UHD within the constraints of typical satellite contribution links without compromising picture quality," said Bart Spriester, senior vice president of video products at Harmonic.

In addition to HEVC UHD, the ViBE 4K solution now also supports 1080p50/59.94 HEVC encoding that enables customers to use a single encoder for both UHD and HD applications.

The new contribution capabilities for the ViBE 4K encoder will be available in June. Harmonic will showcase its latest innovations for agile video delivery -- including the ViBE 4K UHD encoder -- at the 2016 NAB Show, booth SU1210. Further information about Harmonic and the company's products is available at www.harmonicinc.com.

About Harmonic

Harmonic (NASDAQ: HLIT) is the worldwide leader in video delivery infrastructure for emerging television and video services. Harmonic enables customers to produce, deliver and monetize amazing video experiences, with unequalled business agility and operational efficiency, by providing market-leading innovation, high-quality service, and compelling total-cost-of-ownership. More information is available at www.harmonicinc.com.

This press release contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934, including statements related to the anticipated capabilities and benefits of Harmonic's ViBE® UHD encoder. Our expectations and beliefs regarding this product may not materialize and are subject to risks and uncertainties, including the possibility that the product may not meet some or all of its anticipated capabilities or provide some or all of its anticipated benefits, such as the delivery of excellent video quality, including artifact-free pictures.

The forward-looking statements contained in this press release are also subject to other risks and uncertainties, such as those more fully described in Harmonic's filings with the Securities and Exchange Commission, including its Annual Report on Form 10-K for the year ended Dec.31, 2015, its Quarterly Reports on Form 10-Q and its Current Reports on Form 8-K. The forward-looking statements in this press release are based on information available to Harmonic as of the date hereof, and Harmonic disclaims any obligation to update any forward-looking statements.

EDITOR'S NOTE -- Product and company names used herein are trademarks or registered trademarks of their respective owners.

Image Available: <http://www.marketwire.com/library/MwGo/2016/4/5/11G092097/Images/160405 - Harmonic - ViBE 4K Ultra HD Encoder-f0ec82cbd7b29c2a894acf1e09c01c79.jpg>

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