



Harmonic to Demonstrate HDR UHD NASA Content With Broad Range of Ecosystem Partners at CES 2016

January 7, 2016

HDR Demonstration on Multiple Platforms Will Accelerate UHD Adoption

SAN JOSE, CA -- (Marketwire) -- 01/07/16 -- Harmonic (NASDAQ: HLIT), the worldwide leader in video delivery infrastructure, today announced that they have created Ultra HD (UHD) content in high dynamic range (HDR) with the National Aeronautics and Space Administration (NASA) and will have it on display for the first time at CES 2016, Jan. 6-9 in Las Vegas. Harmonic and a broad range of ecosystem partners, including Broadcom, LG Electronics, Sigma Designs, STMicroelectronics and ViXS Systems, will showcase how content produced and delivered in HDR UHD transcends the current UHD BT 709 video format, making the television viewing experience significantly more compelling.

"There has been a lot of buzz in the television industry about HDR UHD, but little content has been produced so far. At CES 2016, we will unveil the first images from the new NASA TV UHD channel in this breathtaking new format," said Peter Alexander, chief marketing officer at Harmonic. "This demonstration showcases the interoperability of Harmonic's HDR UHD production and delivery workflow with a broad range of chipsets, TVs, and set-top boxes (STBs). CES attendees are invited to stop by participating partners' booths and suites to view this beautiful imagery from the space program."

Content will be sourced from the new NASA TV UHD channel and demonstrated in the HDR-10 scheme.

The HDR UHD content being shown at CES was created using an end-to-end UHD delivery system from Harmonic. At the heart of the UHD compression workflow is Harmonic's Electra™ X3 advanced media processor, the industry's first converged media processor for UHD content with live, full-frame, full-GOP UHD encoding. Powered by the Harmonic PURE Compression Engine™, an advanced encoding technology that supports resolutions up to 2160p60 (HEVC Main 10) for broadcast and OTT multiscreen delivery, the Electra X3 enables video content and service providers to deliver superior video quality at minimum bandwidth. Additionally, for CES 2016, Harmonic's ProMedia® Carbon powered the HDR-10 UHD file transcoding in HEVC/H.265format.

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 Electra™ X3 advanced media processor, ProMedia® Carbon, and PURE Compression Engine™ products. Our expectations and beliefs regarding these matters may not materialize and are subject to risks and uncertainties, including the possibility that the products may not meet some or all of their anticipated capabilities or provide some or all of their anticipated benefits, such as enabling the delivery of superior video quality at minimum bandwidth.

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, 2014, 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/2016/1/7/11G077902/Images/NASA_TV_UHD_People_to_be_Amazed_HLIT_HR-7ca6ca14b4e1a3b39b4816ec1bea6b25.jpg

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