



Harmonic Powers Japan's First Live, Full-Frame 4K Ultra HD Channel for EHIME CATV

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Using the Electra(TM) X Advanced Media Processor for HEVC Encoding, the Cable Operator Can Deliver Real-Time 2160p60 Video

SAN JOSE, CA -- (Marketwired) -- 07/28/15 -- Harmonic (NASDAQ: HLIT), the worldwide leader in video delivery infrastructure, today announced that Japanese cable TV operator EHIME CATV has deployed Harmonic's Electra™ X3 advanced media processor to support a trial of the country's first live, full-frame 4K Ultra HD (UHD) channel. Utilizing the highly flexible and scalable Electra X3 media processor to encode UHD content using the HEVC Main 10 codec, EHIME CATV can deliver real-time 2160p60 video to subscribers' set-top boxes (STBs) at low bit rates, while maintaining video quality targets. The Electra X3 media processor's advanced compression technology provides EHIME CATV with superior video quality while offering low total cost of ownership (TCO), transforming the live entertainment experience for EHIME CATV viewers.

"We are the first video infrastructure provider to offer a fully converged platform for broadcast and OTT delivery of UHD content," said Dario Choi, regional vice president of sales, Asia Pacific, Harmonic. "The Electra X3 media processor offers an innovative approach to encoding, enabling operators like EHIME CATV to deliver full-frame, broadcast-ready content with the utmost video quality, to drive new revenue-generating services."

At the heart of the Electra X3 media processor is the Harmonic PURE Compression Engine™, an advanced encoding technology that supports resolutions up to 2160p60 with the HEVC 10-bit codec for broadcast and OTT multiscreen delivery. By providing high-quality, low-bandwidth HEVC encoding of UHD content for EHIME CATV's live broadcast services, the Electra X3 helps the operator deliver amazing video quality to subscribers at sub 20-Mbps bit rates from a cost-effective 2-RU appliance.

Harmonic provides customers with comprehensive service and support programs, including system design, service deployment, technical support and network maintenance. World-class service plans and a global network of flexible and responsive support professionals help ensure that operators like EHIME CATV can deliver the ultimate live viewing experience.

Harmonic will demonstrate how the line of Electra X media processors revolutionize video delivery at BIRTV 2015, Aug. 26-29, in Beijing at stand 8A28 and at IBC2015, Sept. 11-15, in Amsterdam at stand 1.B20.

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™ X family, PURE Compression Engine™ products. Our expectations and beliefs regarding these products 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 the delivery of superior video quality, while offering low total cost of ownership, and driving new revenue-generating services.

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/2015/7/27/11G048782/Images/Harmonic_Electra_X3_Front_View-1244470828619.jpg

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