



Harmonic to Demonstrate Advanced Broadcast and Multiscreen Solutions at IBC2013

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Key Highlights Include Demos of Next-Generation Ultra HD Digital Video Format, HEVC Compression, and Branded Channel Layout

SAN JOSE, Calif. - Aug. 14, 2013 - At IBC2013 stand 1.B20 Harmonic (NASDAQ: HLIT), the worldwide leader in video delivery infrastructure, will demonstrate the latest solutions designed to optimize the production and delivery of high-value video services in the broadcast, cable, and multiscreen environments. The no. 1 provider in pay TV encoders, broadcast playout servers, IPTV headends, and cable edgeQAM, Harmonic's solutions enable broadcasters and operators to efficiently prepare and deliver high-quality video content to any viewing device.

"At IBC2013 Harmonic will showcase its 'glass-to-glass' integrated broadcast and multiscreen solutions, which deliver dramatically superior video quality, across formats from SD to emerging Ultra HD," said Peter Alexander, senior vice president of marketing and chief marketing officer at Harmonic. "The product demonstrations at the booth will highlight operational efficiencies, cost savings, and amazing video quality that operators can achieve by leveraging an integrated solution from Harmonic. Leading the industry in supporting next-generation formats and standards like Ultra HD and HEVC, Harmonic helps broadcasters and operators gain time-to-market advantage and monetize their new service offerings. Our true HD demonstration also highlights a practical Ultra HD service, as it delivers Blu-ray quality which is then upconverted by Ultra HD televisions."

Featured demonstrations at Harmonic's booth include:

Encoding and Stream Processing

- A unique Ultra HD demonstration powered by Harmonic's HEVC-ready ProMedia(TM) family of multiscreen solutions will showcase the exceptional resolution offered by the new format and feature Harmonic's new Ultra HD reference footage, which will be made available to customers for testing interoperability with HEVC clients.
- A powerful end-to-end true HD 1080p50 playout, encoding and distribution workflow, showcasing 3G-SDI and 1080p support on the Spectrum(TM) MediaPort(TM) 7000 real-time video encoder/decoder, as well as 1080p50 H.264 encoding on the Electra(TM) 8000 universal encoder and 1080p50 H.264 decoding with 3G-SDI output on the ProView(TM) 7100 integrated receiver-decoder and stream processor.
- New linear ad splicing capabilities on Harmonic's ProStream® 9100 real-time stream processor, which harnesses the powerful new Quad GbE I/O card for local and regional ad insertion directly into live-to-air MPEG-2 and MPEG-4 AVC SD/HD transport streams.

Storage and Playout

- Demonstrating the capabilities of Harmonic high performance storage, Adobe Premiere will be shown editing 4K content on MediaGrid shared storage system.
- Recent enhancements to the market-leading Spectrum ChannelPort(TM) branded channel playout module, which includes dual DVE functionality, dual live inputs, independent branding of simulcast channels, and support for external key/fill to enable more powerful graphics; the addition of AVC-Intra and ProRes enables exceptional codec flexibility; and new dynamic subtitle insertion for just-in-time playout of multilingual content.
- New capabilities added to Spectrum media server product line, including support for seamless ad insertion via SCTE 104 triggers; edit-in-place capability for Adobe® Premiere® Pro in the Adobe Creative Cloud; native PitchBlue H.264 playout support for accelerated production-to-playout workflow; Dynamic Audio Shuffle for on-the-fly audio channel mapping during playout; and Audio Mix Down for mixing primary and secondary audio content onto SD output.

Cable Edge

- The industry's first true CCAP-compliant platform, NSG(TM) Pro, which possesses the ability to converge high-density universal edgeQAM capabilities with future, integrated CMTS functionality. Featuring built-in DVB encryption and supporting a variety of video and data services, such as cloud DVR, IP video, video on demand (VOD), and M-CMTS to make it an ideal platform for European operators making the transition to an all-IP infrastructure.

In addition to the demonstrations, industry experts from Harmonic are scheduled to speak at various technical sessions during IBC:

- Patrick Waddell, manager, standards and regulatory, at Harmonic, and Joel Wilhite, marketing solutions manager for broadcast and satellite at Harmonic, will participate in the "IP in the Broadcast Studio" tutorial session produced in association with IEEE on Saturday, Sept. 14, at 1:00 p.m.
- Ian Trow, senior director of emerging technology and strategy for Harmonic, will speak at the sessions "Broadcasting Buzz Words: What do I need to know about broadcasting today?" and "Nothing endures but change: What does the future hold?" during the Rising Stars program on Sunday, Sept. 15, starting at 10:45 a.m.

Further information about Harmonic and the company's products is available at www.harmonicinc.com.

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About Harmonic

Harmonic (NASDAQ: HLIT) is the worldwide leader in video delivery infrastructure for emerging television and video services. The company's production-ready innovation enables content and service providers to efficiently create, prepare, and deliver differentiated services for television and new media video platforms. 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 ChannelPort(TM), Electra(TM), MediaPort(TM), NSG(TM), ProMedia(TM), ProStream(TM), and ProView(TM) and Spectrum(TM) product families. Our expectations and beliefs regarding these matters may not materialize and are subject to risks and uncertainties, including the possibility that the products do not meet some or all of their anticipated capabilities or provide some or all of their anticipated benefits, such as exceptional resolution, the enablement of powerful graphics and codec flexibility, exceptional resolution, and high performance.

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, 2012, 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.

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CONTACTS:

Paulien Ruijsenaars	Michael Bishop
Sr. Director of Corporate Marketing for Harmonic	Investor Relations Contact for Harmonic
+1.408.490.7021	+1.408.542.2760
paulien.ruijsenaars@harmonicinc.com	investor@harmonicinc.com

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