



Harmonic's Rhozet(TM) Business Unit Redefines Media Transcoding Efficiency With Carbon Server(TM) 4.0 and Carbon QC 1.0

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– New Products Deliver Impressive Workflow Advances and File-Based Quality Control –

SUNNYVALE, Calif.--(BUSINESS WIRE)--Sep. 2, 2009-- [Harmonic Inc.](#) (NASDAQ:HLIT) today announced [Rhozet™ Carbon Server™ 4.0](#) a new workflow-based distributed transcoding system and [Rhozet Carbon QC 1.0](#), an innovative quality control product. Carbon Server 4.0 is designed to manage a network of Carbon Coder transcoders as well as the new Carbon QC 1.0 quality control modules. It provides complete file-based workflow management, including transcoding, quality control and delivery. The new Carbon QC 1.0 brings automated compliance and quality testing into the transcoding workflow. Together these two new offerings provide media companies with improved efficiency, reliability and scalability in a completely automated workflow.

“Carbon Server 4.0 and Carbon QC 1.0 tackle the key concern of our customers – how to achieve cost-effective, high-quality transcoding in a scalable environment,” said David Trescot, Vice President of the Rhozet Business Unit at Harmonic Inc. “The Carbon Coder family of transcoding solutions continues to see great momentum in the marketplace, securing our position as a leading provider of enterprise-level transcoding.”

Automated Quality Control

Carbon QC 1.0, a ground-breaking automated quality control module, fits directly into the transcoding workflow and significantly reduces the amount of manual intervention required to guarantee the high quality output of file-based assets.

Carbon QC 1.0 analyzes both incoming and outgoing assets during the transcoding workflow. It can be configured to check a wide variety of video and audio characteristics, including black detection, silence detection, audio levels, letterboxing, blockiness, bit-rate, duration and transport stream compliance. Additionally, Carbon QC 1.0 can provide an automated visual comparison between input and output data to guarantee visual quality of the output. Carbon QC 1.0 can automatically check all video assets or a subsample, and isolate those video assets that don't meet the quality requirements of a particular job. Carbon QC 1.0 provides both automated checking of the content as well as an interactive tool to allow operators to review problem files.

Next-Generation Transcoding Farm

To address the high volume requirements of today's media companies, Carbon Server 4.0 provides dynamic load-balancing and failover protection. Carbon Server 4.0 manages a variety of tasks, including quality control, transcoding and delivery. These tasks are distributed throughout the network, providing optimum processing efficiency. For greater flexibility, Carbon Server 4.0 users can design complex workflows that incorporate a wide variety of processing tasks and conditional behaviors.

Harmonic's Rhozet universal media transcoding solutions are used by leading media companies including Ascent Media Group, British Sky Broadcasting (BskyB), Lifetime Networks, MTV and Yahoo! to facilitate the creation of multi-format video for Internet, mobile and broadcast applications. Carbon Server 4.0 and Carbon QC 1.0 will be available in the fourth quarter of 2009. These new offerings will debut at IBC 2009 in Amsterdam, September 11-15, in the Rhozet stand #7.J11 and at the main Harmonic stand #1.C61.

About Harmonic Inc.

Harmonic Inc. is redefining video delivery with the industry's most powerful solutions for delivering live and on-demand video to TVs, PCs and mobile devices. Harmonic's 20 years of technical innovation and market leadership enable the company to offer a unique and comprehensive solution portfolio — including encoding, transcoding, content preparation, stream processing, asset management, edge processing, and delivery. Broadcast, cable, Internet, mobile, satellite and telecom service providers around the world choose Harmonic's IP-based digital video, software, and broadband edge and access solutions. Using these award-winning and industry-leading solutions, operators can reduce costs and differentiate their services by offering consumers a higher quality, personalized multi-screen experience.

Rhozet, a business unit of Harmonic Inc., is dedicated to providing accelerated high-quality media transcoding solutions. The Rhozet solutions are offered in both off-the-shelf and customized software configurations for the production and content delivery markets. For more information about Rhozet technology please visit www.rhozet.com.

Harmonic (NASDAQ:HLIT) is headquartered in Sunnyvale, California with R&D, sales and system integration centers worldwide. The company's customers, including many of the world's largest communications providers, deliver services in virtually every country. Visit www.harmonicinc.com for more information.

This press release contains forward-looking statements within the meaning of Section 27(A) of the Securities Act of 1933 and Section 21(E) of the Securities Exchange Act of 1934, including statements related to: continuing to see great momentum in the marketplace, and the availability of Carbon Server 4.0 and Carbon QC 1.0 in the fourth quarter of 2009.

Our expectations and beliefs regarding these matters and the capabilities and benefits expected from Carbon Server 4.0 and Carbon QC 1.0 may not materialize, and actual results could differ materially from those projected. The forward-looking statements contained in this press release are also subject to other risks and uncertainties, including those more fully described in Harmonic's filings with the Securities and Exchange Commission including its recent Reports filed on Form 10-K and Form 10-Q. Harmonic does not undertake to update any forward-looking statements.

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

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