

Harmonic Introduces Rhozet Carbon Coder 3.0 Transcoding Solution at IBC

Dramatically Accelerates Workflow with Distributed Transcode Processing, Integrated Flash and VC-1 Creation, Enhanced Failover Reliability and Automated Quality Assurance

Amsterdam - September 6, 2007 - IBC booth #1.361 - Harmonic Inc. (NASDAQ: HLIT) today introduced Rhozet™ Carbon Coder™ 3.0, the latest version of its universal video transcoding solution. This new version of Carbon Coder features distributed transcoding across multiple machines, new Adobe® Flash® and VC-1 format support, server failover for fault-tolerant performance, and an automated quality assurance (QA) module to ensure the highest quality video output.

Carbon Coder's new multi-machine transcoding capability tackles the increasing demands of video transcoding by allowing a single transcoding job to be distributed over multiple computers in a transcoding farm. This feature is especially useful for processor intensive formats such as Flash, VC-1, and MPEG-2. Long transcoding tasks are split into segments which are distributed to multiple machines for processing and then spliced together to create the final output. This greatly accelerates the process of, for example, creating very high-quality VC-1 content for high-definition optical discs. Even on a single computer, transcoding tasks are accelerated by running across multiple CPU cores.

"We expect this new release, which boosts reliability, in addition to enhancing the multi-machine transcoding environment, to be of great benefit to our customers," said David Trescot, Vice President of the Rhozet Business Unit at Harmonic Inc. "As our customers' transcoding requirements are growing, Carbon Coder's scalable design supports larger farms and greatly improved throughput."

In addition to speeding up the transcoding workflow, Rhozet has also implemented fault tolerance and quality assurance features to increase reliability. Carbon Server's fault tolerance feature allows multiple Carbon Servers to manage the same farm in a redundant configuration. If one machine goes down, another is automatically assigned to take over control with no loss of information or transcoding time. Carbon Coder's new quality assurance module helps identify possible problems in encoded material and flag them for analysis. This can greatly reduce the amount of human interaction with transcoded output, thereby saving substantial time and money.

Facilitating the transfer of media between acquisition, editing, playout, archive, Web, and mobile, Carbon Coder provides high-performance, scalable and cost-effective transcoding for a broad range of business environments, from specialized studios to enterprise-scale installations. Designed to scale as transcoding loads increase, Carbon Coder lets users begin with a single Carbon Coder node running under the control of Carbon Server, and then easily add more nodes when needed. Carbon Coder solutions have been deployed by more than 100 customers including Amazon.com, CBS, ESPN, MSN, MTV Networks, ProSieben.Sat1, Sony, Technicolor, Telekom Austria, The Weather Channel, and Yahoo!.

Harmonic's Rhozet business unit will demonstrate Carbon Coder 3.0 at IBC 2007, booth #7.931. Carbon Coder 3.0 will be available in Q4 2007 for US\$4,995. For more information about Carbon Coder please visit www.rhozet.com.

About Harmonic Inc.

Harmonic Inc. is a leading provider of versatile and high performance video solutions that enable service providers to efficiently deliver the next generation of broadcast and on-demand services including high definition, video-on-demand, network personal video recording and time-shifted TV.

Cable, satellite, broadcast and telecom service providers can increase revenues and lower operational expenditures by using Harmonic's digital video, broadband optical access and software solutions to offer consumers the compelling and personalized viewing experience that is driving the business models of the future.

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: tackling the increasing demands of video transcoding, expectations that this new release will be of great benefit to our customers, and growing customer transcoding requirements.

Our expectations and beliefs regarding these matters 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.

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