

HARMONIC'S VIDEO TRANSCODING SOLUTION INTEGRATES YOUTUBE FINGERPRINTING TECHNOLOGY

– Rhozet™ Carbon Coder™ Enables Creation of Digital Fingerprints for Use with YouTube's Content Identification System –

LAS VEGAS — APRIL 20, 2009 – NAB 2009 Booth # SL9728 — Harmonic Inc. (NASDAQ: HLIT) today announced that its Rhozet™ Carbon Coder™ transcoding solution can now be used as a delivery platform for generating ID files for YouTube's Content ID System. This development allows Carbon Coder users to automatically generate an ID file or so-called "fingerprint" of the video content they own during the transcode process. Using YouTube's Content ID System, they may then upload these ID files to YouTube and use them to automatically identify their content in user-uploaded videos on YouTube and apply "usage policies" that have been specified by the content owners regarding how they want matched content to be handled by YouTube, such as monetize, track usage statistics or block content.

"It is critical to content owners to identify and manage their content on YouTube," said George Salem, Content ID Product Manager at YouTube. "We are always aiming to make this process as easy as possible for them and to provide our Content ID users with more choice. Harmonic's Rhozet team provided us with a great solution for those content owners who choose to generate their own ID files."

Unlike previous content protection methods, the integration of fingerprinting into the transcoding process results in a faster, more simplified approach for automatically tracking and protecting content. With this process, actual content does not have to be delivered to YouTube in order to be protected – only the fingerprint is delivered. The producers of a television series can, for example, fingerprint content while in production. Once an episode has been aired, the owners could then choose to allow it to be shown on YouTube and share in the advertising revenue generated by that episode, or to block it from YouTube. In addition to fingerprinting, the YouTube team has integrated YouTube-specific format presets into Carbon Coder to ensure that content being delivered to YouTube meets quality and consistency standards.

"Until now, digital fingerprinting has been a somewhat cumbersome process," said David Trescot, Vice President of the Rhozet Business Unit at Harmonic Inc. "The integration of YouTube's technology into Rhozet's transcoding platform makes for an efficient and high performance protection system."

Rhozet Carbon Coder is a universal transcoding solution used by leading media companies including Ascent Media Group, British Sky Broadcasting (BskyB), Lifetime Networks and MTV. It facilitates the creation of multi-format video for Internet, mobile and broadcast applications. As part of the transcode process, Carbon Coder handles an array of critical operations including

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SD/HD and PAL/NTSC conversion, logo insertion, color space conversion, color correction and Closed Captioning extraction. Multiple Carbon Coder nodes can be configured as a rendering farm to accelerate the workflow and provide automated processing for high-volume transcoding.

The latest version of Carbon Coder will be demonstrated at NAB 2009 in Las Vegas, April 20-23, in the Rhozet booth #SL9728 and at the main Harmonic booth #SU7209.

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 may contain 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: using the Carbon Coder™ transcoding solution as a delivery platform for generating ID files.

Our expectations and beliefs regarding the capabilities of Harmonic's Rhozet transcoding solution and the anticipated benefits for YouTube and content owners 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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