



Harmonic Expands Support for Mobile Video on Industry-Leading Divicom(R) Electra(R) Compression Platform

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- Delivers Outstanding Video Quality at Low Resolutions for

Applications Such as Video to Automobiles and Handheld Devices -

SUNNYVALE, Calif.--(BUSINESS WIRE)--April 9, 2008--Harmonic Inc. (NASDAQ:HLIT) today announced a highly innovative approach to low resolution encoding for mobile video on its best-in-class DiviCom(R) Electra(R) MPEG-4 AVC (H.264) compression platform. By applying its expertise and best practices in broadcast encoding, Harmonic can provide superior video quality at ultra-low bit-rates in formats including QVGA and SIF with the Electra 5400 standard definition (SD) H.264 encoders. This solution is ideal for lower resolution applications such as video delivery to automobiles via satellite transmission or IP-based streaming to the PC and handheld devices. The expansion in functionality and feature set of Harmonic's technically distinguished, market-leading Electra encoders enables Harmonic to provide its service provider customers in rapidly growing mobile markets with higher quality, lower bandwidth solutions.

"Support for additional resolutions brings Harmonic's world-class encoding and statistical multiplexing expertise to the mobile video market," said JC Morizur, Director of Digital Video Product Marketing at Harmonic Inc. "Harmonic introduced an innovative solution in 2005 with the Electra platform, the industry's first multi-service encoder supporting up to four channels of full resolution video alongside four simultaneous low resolution outputs for applications such as picture-in-picture and multi-channel mosaics. Now, operators can utilize this proven platform to offer advanced, revenue generating services including the transmission of live, broadcast quality video via satellite to automobiles and video streaming over IP networks."

Harmonic's multi-resolution encoding technology employs the full set of advanced technologies developed by Harmonic for the Electra H.264 encoding platform including video pre-processing, dynamic noise reduction, full multi-pass hierarchical LookAhead(TM) compression and IP-based statistical multiplexing to deliver superior video quality at very low bit-rates. The multi-pass LookAhead process was pioneered by Harmonic and uses a dedicated H.264 compression processor to fully analyze incoming video content and proactively apply highly efficient encoding strategies.

By fully exploiting Harmonic's full resolution multi-pass architecture and noise reduction processing, Harmonic's mobile resolutions on the Electra platform offer significantly improved video quality in comparison with the DSP-based alternatives utilized for QVGA encoding today. In addition to SIF and QVGA, Harmonic's compression platform will be able to scale to support a number of additional resolutions, including QCIF and SQCIF.

A demonstration of Harmonic's Electra 5400 standard definition encoding platform supporting the new QVGA format for mobile applications will be featured at Harmonic's booth #SU9612 at NAB 2008, April 14-17 in Las Vegas.

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.

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: rapidly growing mobile markets and Harmonic's compression platform being able to scale to support a number of additional resolutions.

Our expectations and beliefs regarding these matters and the benefits expected from the QVGA, SIF and other formats 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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