



Harmonic Extends IP-Based Stream Processing Capabilities With Forward Error Correction

April 4, 2007

ProStream(TM) 1000 Platform With FEC Support Ensures Higher Quality Real-Time Video Transmission Over Wide Area Networks

SUNNYVALE, Calif.--(BUSINESS WIRE)--April 4, 2007--Harmonic Inc. (NASDAQ:HLIT) today announced that the ground-breaking ProStream(TM) 1000 stream processing platform now includes forward error correction (FEC) support, a critical requirement for high quality video transmission in IP-based networks. Harmonic's FEC engine supports state-of-the-art ProMPEG FEC COP3 transmission and reception of up to 128 services in a one rack-unit (RU) platform, minimizing problems such as packet drops and reordering. The new capabilities help ensure satellite, cable, and DVB-T service providers can maximize reliability and picture quality for a variety of video contribution and broadcast applications.

Introduced in 2006, the dense and highly flexible ProStream platform is increasingly being deployed by service providers for a variety of stream processing needs. It is the world's first multi-functional stream processing system, capable of being configured to support FEC, multiplexing, DiviTrackIP(TM) statistical multiplexing, ProCipher(TM) scrambling and descrambling, Mentor(TM) re-encoding and single frequency network (SFN) transmission over IP. As service providers of all types transition to an increasingly IP-centric infrastructure, Harmonic's solutions make it possible to reduce capital and operating expenditures while increasing the flexibility of the network architecture.

"Forward error correction is necessary to reduce transmission errors in an IP-based video environment," said Yaniv Ben-Shushan, Stream Processing Product Manager for Harmonic Inc. "The improved transport efficiency and IP packet integrity that is achieved with Harmonic's new FEC capabilities enables service providers to cost-effectively deliver higher quality video to more customers. The addition of FEC support to the ProStream 1000 also makes this innovative platform even more versatile, meeting many of the operators' needs for stream processing. Harmonic has pioneered the use of native IP systems in the video network and continues to lead the way in developing high performance solutions for the all-IP network."

The ProStream 1000 with FEC support is used in conjunction with Harmonic's industry-leading family of DiviCom(R) high definition (HD) and standard definition (SD) MPEG-4 AVC (H.264) and MPEG-2 encoders to deliver a best-in-class IP-based video experience. The compact and scalable 1-RU ProStream can transmit and receive up to 128 single program transport streams (SPTS) or eight multiple program transport streams (MPTS) with forward error correction.

The new ProStream 1000 with FEC support will be demonstrated at Harmonic's booth #SU9620 at the upcoming NAB2007 exhibition in Las Vegas from April 16-19.

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: the transition to an increasingly IP-centric infrastructure and Harmonic continuing to lead the way in developing high performance solutions for the all-IP network.

Our expectations and beliefs regarding these matters and the anticipated benefits of the ProStream 1000 with FEC support 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.

CONTACT: Harmonic
Sarah Lum, +1-408-543-2392 (Media Relations)
sarah.lum@harmonicinc.com
or
StreetConnect
Michael Newman, +1-408-542-2760 (Investor Relations)
hlit@stct.com

SOURCE: Harmonic Inc.