



Harmonic Transcoding Solutions Power Multiscreen OTT Services for ZON

May 9, 2012

ProMedia(TM) and ProStream® Systems Deliver the Processing Power and Video Quality for Live and On-Demand Services

SAN JOSE, Calif. - May 9, 2012 - Harmonic Inc. (NASDAQ: HLIT) today announced that ZON, the leading Portuguese cable and satellite provider, has chosen Harmonic's portfolio of transcoding solutions as the enabling technology for a range of new multiscreen services being offered on ZON Online. Harmonic ProMedia(TM) Carbon file-based transcoders - managed by the Harmonic WFS(TM) file-based workflow system - and high-density ProStream® 4000 real-time transcoders are now providing ZON subscribers with access to excellent-quality, live streaming television, and video-on-demand (VOD) services on TVs, PCs, tablets, and other IP-connected devices.

"ZON wanted to extend its television experience through an over-the-top media portal, and Harmonic's transcoding systems provided us with an efficient way to achieve that, without compromising quality," said Nuno Sanches, product development director, ZON. "Our users can now watch live programming and video on demand on a wide range of devices, having both our award-winning user interface and the same image quality over the Internet and in the traditional cable service."

ZON VOD services are powered by Harmonic ProMedia Carbon transcoders, which handle a variety of critical operations including SD/HD conversion, PAL/NTSC conversion, logo insertion, color space conversion, color correction, and closed-captions extraction. The cable and satellite provider's multinode ProMedia Carbon transcoding farm, which can easily be scaled up as its needs increase, is integrated with Microsoft® PlayReady® digital rights management (DRM).

Harmonic's file-based WFS controls the ProMedia Carbon transcoding farm by providing automated processing of high-volume transcoding tasks, failover support, job distribution management, job prioritization, load balancing, FTP transfer, status monitoring, and job notification. With an extensive API, WFS manages the complete video asset transformation process by integrating additional third-party and Harmonic processing nodes, providing maximum flexibility, scalability, and cross-vendor interoperability to ZON as it continues to increase subscribers and online offerings.

The high-density ProStream 4000 transcoding solution supports ZON live television services by providing simultaneous processing of up to 48 video inputs and transcoding of up to 18 multiscreen profiles and 12 SD or four HD broadcast profiles per 1 RU. Built-in multi-encapsulation enables ZON to reach any viewing device by encoding once and then packaging to a variety of video formats, such as Apple® HTTP Live Streaming and Microsoft® Smooth Streaming. The ProStream 4000 is integrated with a Microsoft PlayReady DRM server.

"By delivering very high-quality HD live streaming television services to multiple devices, ZON is delivering an amazing viewing experience for its subscribers," said Pedro Sanmiguel, area sales manager, Harmonic. "Harmonic has been a part of ZON growth as a technology leader over the years, and this latest installation of transcoding systems helps put them at the cutting edge of service offerings for their customers."

The DVB cable and satellite headend at ZON features existing Harmonic headend solutions that seamlessly work alongside the new ProStream, ProMedia, and WFS transcoding equipment. The solution enables the provider to utilize the primary output of a Harmonic Electra(TM)8200 SD/HD MPEG-2 and MPEG-4 AVC encoder for HD MPEG-2 variable bit rate encoding in its satellite operation, as well as the secondary output for SD MPEG-4 AVC constant bit rate encoding for network personal video recorder (NPVR) services.

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About Harmonic Inc.

Harmonic Inc. (NASDAQ: HLIT) provides infrastructure that powers the video economy. The company enables content and service providers to efficiently create, prepare, and deliver differentiated video services for television and new media platforms. More information is available at www.harmonicinc.com.

This press release contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934, including statements related to the anticipated capabilities and benefits of Harmonic's ProMedia Carbon, ProStream 4000 and WFS products. Our expectations and beliefs regarding these matters may not materialize and are subject to risks and uncertainties, including the possibility that none of the Harmonic products meet some or all of its anticipated capabilities or provide some or all of its anticipated benefits, such as superior-quality live-streaming television and VOD services, flexibility, scalability, cross-vendor interoperability.

The forward-looking statements contained in this press release are also subject to other risks and uncertainties, such as those more fully described in Harmonic's filings with the Securities and Exchange Commission, including its Annual Report on Form 10-K for the year ended Dec.31, 2011, its Quarterly Reports on Form 10-Q and its Current Reports on Form 8-K. The forward-looking statements in this press release are based on information available to Harmonic as of the date hereof, and Harmonic disclaims any obligation 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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