



Dubai's Intigral Optimizes Delivery of IPTV and OTT Multiscreen Services With Harmonic Solutions

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Utilizing High-Density, Scalable Video Infrastructure Solutions From Harmonic, Intigral Delivers Live and VOD Multiscreen Content to Telcos Throughout the Middle East

SAN JOSE, Calif. - March 11, 2014 - Harmonic (NASDAQ: HLIT), the worldwide leader in video delivery infrastructure, today announced that Dubai-based digital media company Intigral has deployed a comprehensive Harmonic headend solution to support its IPTV and OTT multiscreen services. Through a high-density, scalable architecture, Harmonic's integrated solution allows Intigral to cost-effectively prepare and deliver high-quality live and VOD content to regional telecommunications operators for viewing on TVs, PCs, smartphones, and tablets.

"Our telecommunications customers are committed to delivering a superior subscriber experience. To meet the demand for IPTV and OTT multiscreen services, we needed a flexible, integrated headend solution that could scale up to support additional channels and value-added services," said Tony Saab, general manager at Intigral. "Through broad format support and a high-density, scalable architecture, Harmonic's multiscreen solutions allow us to provide high-quality live and VOD video content on any screen."

Harmonic's market-leading Electra(TM) 9200 universal multichannel encoder provides high-quality, low-bandwidth MPEG-4 AVC encoding of SD and HD video content for Intigral's IPTV services. Leveraging a high-density design that supports up to eight output services per chassis, Electra dramatically lowers Intigral's capital and operational expenses. Through a rich feature set that includes integrated audio encoding tools, GbE networking, and enhanced serviceability via removable power supplies, fan assembly, compression modules, and processing cards, the Electra 9200 increases video quality, reliability, and operational efficiencies for the digital media company. The encoder features a scalable architecture that will grow as Intigral's market requirements change.

Intigral is using Harmonic's ProMedia® Live real-time transcoders to convert baseband SD and HD MPEG-2/MPEG-4 AVC (H.264) content into multiple streams optimized for OTT multiscreen delivery. Harmonic's advanced video compression technologies provide premium HD video quality at the lowest possible bitrate. In addition, ProMedia Live simplifies processing by efficiently handling metadata information, such as language, captions, ad signaling, and insertion upon input and output. ProMedia Live works flawlessly with Harmonic's ProMedia Package to enable sophisticated transcoding, encapsulation, and encryption processes from a unified platform.

VOD content for Intigral's OTT multiscreen services is powered by Harmonic's ProMedia Carbon file-based transcoders. ProMedia Carbon performs transcoding of high-quality SD and HD video content from a file-based architecture that can easily be scaled in the future. This Harmonic solution also supports a massive array of acquisition, editing, broadcast, Web, and mobile formats to enable the distribution of high-quality HD content on any screen. ProMedia Carbon is controlled via Harmonic's WFS file-based workflow engine, which provides automated processing of high-volume transcoding tasks to further maximize operational efficiencies.

Harmonic's ProMedia Origin streaming video server optimizes the delivery of Intigral's OTT multiscreen services relying on a range of content formats for smart phones, tablets and connected TVs, as well as industry-standard protocols, including Apple® HLS, Adobe® HDS, and Microsoft Smooth Streaming. Integration with ProMedia Package minimizes rack space, simplifies the workflow, and maximizes the operator's cost savings.

"Harmonic offers the most complete solution for IPTV and OTT multiscreen, making it easy for digital media companies like Intigral to deliver video content to an ever-increasing number of connected devices," said Jean-Pierre Mace, regional sales director and managing director, Dubai office, at Harmonic. "Harnessing the flexibility, scalability, and versatility of an integrated video infrastructure solution from Harmonic, Intigral can cost-effectively distribute live and VOD content with an amazing picture quality."

Harmonic's comprehensive range of solutions that bring increased operational efficiencies and cost savings to broadcast and multiscreen production and delivery, while ensuring superior video quality on any screen, will be showcased at booth E7-12 during CabSat 2014 in Dubai March 11-13. Further information about Harmonic and the company's products is available at www.harmonicinc.com.

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About Harmonic

Harmonic (NASDAQ: HLIT) is the worldwide leader in video delivery infrastructure for emerging television and video services. The company's production-ready innovation enables content and service providers to efficiently create, prepare, and deliver differentiated services for television and new media video 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 Electra(TM), product our and ProMedia® product family. Our expectations and beliefs regarding these matters may not materialize and are subject to risks and uncertainties, including the possibility that the products may not meet some or all of their anticipated capabilities or provide some or all of their anticipated benefits, such as the delivery of superior video quality, the delivery of superior subscriber experience, cost-effectiveness, operational efficiencies, scalability, and flexibility.

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, 2013, 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.

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