



Jordan Media City Boosts Satellite Bandwidth Efficiency and Video Quality With Complete Headend Solution From Harmonic

March 9, 2016

SAN JOSE, CA -- (Marketwired) -- 03/09/16 -- Harmonic (NASDAQ: HLIT), the worldwide leader in video delivery infrastructure, today announced that Jordan Media City (JMC), a privately owned media company based in Amman, Jordan, has chosen an end-to-end headend solution from Harmonic to support its direct-to-home (DTH) satellite service. JMC is using Harmonic's ProView™ integrated receiver decoders (IRDs), Electra™ X2 advanced media processors, ProStream® 9100 with ACE® stream processors and transcoders and NMXTM Digital Service Manager to manage its entire DTH workflow, from channel acquisition to reception, descrambling, encoding, transcoding, multiplexing and scrambling. By providing JMC with a high-density, scalable video infrastructure solution that features the latest technologies for DVB-S2, MPEG-4 AVC and statistical multiplexing, Harmonic has dramatically increased the media company's bandwidth efficiency, improved video quality and decreased its operating expenses.

"Video quality is a key differentiator for media companies. Yet, the prospect of delivering better video quality, using less bandwidth, is only achievable through the support of a trusted video infrastructure provider," said Hani Al-Khararbeh, teleport manager, Jordan Media City. "Harmonic offers a complete headend solution for DTH service delivery, accommodating all of our specific requirements, including ease of operation at a low total cost of ownership. Through broad support of industry standards and formats, as well as advanced capabilities like variable bitrate encoding and statistical multiplexing, the new headend enables us to deliver excellent video quality at low bit rates."

JMC is using Harmonic's ProView 7100 and ProView 8100 IRDs for satellite reception. The ProView units integrate with Harmonic's market-leading Electra X2 advanced media processors for high-quality, low-bandwidth MPEG-4 AVC variable bit rate encoding of SD video content for live DTH services. Powered by the Harmonic PURE Compression Engine™, the media processors support a wide range of video formats and codecs for satellite delivery, including HD and HEVC, simplifying operations and future upgrades for the media company.

Tight integration between the Electra X2 processors and Harmonic's ProStream 9100 stream processors with DiviTrackIP™ statmux technology maximizes the efficiency and flexibility of JMC's statistical multiplexing operations. Through the unified headend solution, JMC can support up to 100 services per statistically multiplexed pool, 14 pools per platform, and three pools within a single transport stream in order to increase bandwidth efficiency. Using a combination of Electra and ProStream for statistical multiplexing has led to significant cost savings and enhanced video quality for JMC.

The ProView, Electra and ProStream solutions are controlled by Harmonic's NMX video network management solution, which provides mass configuration, monitoring and automated redundancy in centralized or distributed architectures.

"JMC is one of the largest media hubs in the Middle East, with the ability to playout and uplink television channels from all over the world. As new SD and HD channels are added to the JMC lineup in the future, bandwidth efficiency will be essential," said Ian Graham, vice president of sales for EMEA at Harmonic. "Using an end-to-end headend solution from Harmonic, JMC can deliver more channels than ever before, with better video quality. By providing JMC with an affordable solution for DTH service delivery, and flexibility to migrate to future codecs like HEVC, Harmonic will enable the media company to stay competitive in this growing market."

Harmonic will showcase its headend solutions in stand ZA2-42 at CABSAT 2016, March 8-10 at the Dubai World Trade Centre. Further information about Harmonic and the company's products is available at www.harmonicinc.com.

About Jordan Media City (JMC)

Jordan Media City is a state-of-art media service provider located in Amman as a free zone company. Making the best use of Jordan's geographical location between Asia, Africa and Europe, JMC transmissions currently deliver 378 DTH TV and 52 Radio channels to viewers in MENA, Asia and Africa. JMC has become a regional hub for media organizations, providing Teleport, OTT services, Production, Technical and anti-piracy monitoring, Transmission facilities (SD and HD playout centre), AD-HOC fiber links to satellite and satellite to fiber, and Internet connectivity with all Jordanian ISP providers. Visit www.jordanmediacity.com/ for more information.

About Harmonic

Harmonic (NASDAQ: HLIT) is the worldwide leader in video delivery infrastructure for emerging television and video services. Harmonic enables customers to produce, deliver and monetize amazing video experiences, with unequalled business agility and operational efficiency, by providing market-leading innovation, high-quality service and compelling total cost of ownership. 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 Proview, ProStream, Electra X2 and NMX products. Our expectations and beliefs regarding these matters may not materialize and are subject to risks and uncertainties, including the possibility that such products as an integrated end-to-end solution will continue to meet some or all of the stated capabilities or provide some or all of the stated benefits, such as relating to bandwidth efficiency, video quality, cost savings.

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, 2014, 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.

Image Available: http://www.marketwire.com/library/MwGo/2016/3/8/11G086708/Images/Harmonic_Electra_X2_Front_View-8d625396c8b5812d83f8c71fd0a1eb4d.jpg

CONTACTS:

Paulien Ruijsenaars
Senior Director, Corporate Marketing

Harmonic

+1.408.490.7021

paulien.ruijsenaars@harmonicinc.com

Blair King

Director, Investor Relations

Harmonic

+1.408.490.6172

blair.king@harmonicinc.com

Source: Harmonic Inc.