



NBC Olympics Selects Harmonic to Provide Media Storage and Playout Server for Its Production of 2016 Olympic Games in Rio

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Harmonic MediaGrid Shared Storage and Spectrum(TM) MediaDeck Server Systems to Enable Rapid, Remote NBC Olympics Highlights Creation for Broadcast and Multiplatform Coverage of 2016 Rio Olympics

SAN JOSE, CA -- (Marketwired) -- 04/14/16 -- NBC Olympics, a division of the NBC Sports Group, has selected Harmonic MediaGrid shared storage system and Spectrum™ MediaDeck integrated media servers for its production of the Games of the XXXI Olympiad, which will take place in Rio de Janeiro, Brazil, from Aug. 5 - Aug. 21. The announcement was made today by David Mazza, CTO & SVP of NBC Olympics and Bart Spriester, SVP, Video Products at Harmonic.

NBC Olympics will use the multiple Harmonic solutions in its most critical production areas: in 10 global locations covering the event for broadcast, on demand, digital, news operations, and long term archive. This wide-area production model facilitates cost-effective content creation by helping NBC Olympics maintain a portion of its operation in the United States.

"Harmonic infrastructure has been at the heart of the NBC Olympics production workflow since the 2008 Beijing Olympics, supporting the evolution of coverage into a spectacular multiplatform offering of exciting, timely content," said Spriester. "We're proud to be a trusted partner of NBC Olympics once again, and we look forward to a hugely successful 2016 Rio Olympics."

"We are counting on Harmonic's integrated systems as part of our high and low resolution workflows. From ingest through media storage across 10 locations, MediaGrid and Spectrum systems are the backbone of our content acquisition and production workflows," said Darryl Jefferson, VP, Post Production Operations, NBC Sports Group.

During the Rio Games, Harmonic infrastructure and production solutions, which are already well-established at NBC Olympics' Stamford, Conn., facility, will operate with systems installed at the NBC Olympics production compound within the International Broadcast Center in Rio to enable NBC Olympics to offer high volumes of timely content on multiple television channels. Incorporating MediaGrid ContentStore 5840 high-density storage nodes, the Harmonic MediaGrid system will provide centralized shared storage that packs tremendous bandwidth and capacity into a nearly 70 percent smaller footprint than alternatives, delivering significant cost savings on equivalent storage capacity. The MediaDeck server systems will facilitate on-the-fly capture and proxy generation for all incoming materials.

Harmonic MediaDeck media servers will simultaneously record as many as 60 incoming venue feeds as both XDCAM-HD at 50 Mbps and H.264 low-resolution proxy. These systems also will give NBC Olympics personnel at the Stamford facility independent control over 60 additional channels of local ingest. Each recording's proxy will be replicated in near real time on a 960-TB Harmonic MediaGrid storage system connected via two 10-Gigabit circuits to a second 920-TB MediaGrid installed at the Stamford facility. In less than a minute, content created on the Rio MediaGrid system will be replicated on the Stamford MediaGrid system.

The NBC Olympics production staff in the U.S. and Brazil will have direct access to content stored on either MediaGrid system through the media asset management (MAM) system, even if the event is still in progress and the files are still being received. Once recordings begin, dozens of loggers, producers, and editors in Stamford will access the material, extract what they need, and make highlight files. Using extensive live logs and stats, scoring and timing information embedded as metadata, editors will be able to make shot lists that can be quickly and automatically conformed in proxy resolution for streaming along with live multiscreen services, or conformed in high resolution for use in NBC Olympics' traditional broadcast edit suites in Stamford and other U.S. facilities.

Integration of the MediaGrid system into NBC's EVS server workflows, with EVS IPDirector devices directly mounted on the MediaGrid, will extend and pool the storage capabilities of the EVS systems. From any IPDirector seat, NBC Olympics personnel will have immediate access to footage from any venue, from any day of competition. An LTO-6 library in Stamford will also make it easy for production staff to access and use content from previous Olympic Games.

About NBC Olympics

A division of the NBC Sports Group, NBC Olympics is responsible for producing, programming and promoting NBCUniversal's Olympic coverage. It is renowned for its unsurpassed Olympic heritage, award-winning production, and ability to aggregate the largest audiences in U.S. television history.

For more information on NBC Olympics' coverage of the Rio Olympics, please visit: <http://nbcsportsgrouppressbox.com/>

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.

--NBC OLYMPICS--

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 MediaGrid and Spectrum MediaDeck products. Our expectations and beliefs regarding these matters may not materialize and are subject to risks and uncertainties, including the possibility that such products will meet some or all of its anticipated capabilities or provide some or all of its anticipated benefits, such as cost savings, ingest capacity, near real-time replication of ingested content and workflow integration and speed.

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, 2015, 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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