



Shenzhen Topway Video Communication Goes UHD with Harmonic

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Harmonic's Live UHD Solution Supports HDR and Assures Exceptional Video Quality at Low Bitrates

SAN JOSE, Calif., June 11, 2019 /PRNewswire/ -- Harmonic (NASDAQ: HLIT) today announced that Shenzhen Topway Video Communication, one of China's leading cable operators, has deployed a Harmonic live Ultra HD (UHD) video processing solution to power its new UHD broadcast and OTT services. Featuring a software-based, cloud-deployable application supporting advanced features such as HDR, Harmonic's UHD solution enables the operator to deliver exceptional video quality while maximizing bandwidth efficiency.



"Our goal was to be one of the first service providers in China to deliver UHD public broadcasts and bring an enhanced, higher-resolution entertainment experience to viewers," said Wen Zhiqiang, assistant manager at Shenzhen Topway Video Communication. "Harmonic has a solid reputation for reliability and offers a UHD solution that delivers pristine video quality, advanced HDR processing capabilities and flexible deployment options, which made this deployment a breeze."

At the heart of the UHD solution deployed by Shenzhen Topway Video Communication is Harmonic's Electra[®] XOS live video processor, which brings together artificial intelligence-based innovations, deep tuning for Intel processors and a strong expertise in video algorithms to allow delivery of exceptional video quality in applications where bandwidth is limited. The solution supports UHD statistical multiplexing, HDR processing, uncompressed and compressed IP inputs, and integrated packaging to simplify live video workflows for service providers.

"Our solution for live UHD video processing is one of the first in the industry to support AVS2 — the new UHD Chinese standard — ingest, as well as HDR tone expansion, enabling cable operators like Shenzhen Topway Video Communication to deliver outstanding quality of experience," said Tony Berthaud, vice president of sales and video services, APAC, at Harmonic. "As cable operators look to address the demand for UHD video, Harmonic's software-centric, cloud-deployable video processing solutions set the benchmark for flexibility and innovation."

Harmonic will demonstrate its UHD solutions at BroadcastAsia2019, June 18-20, in Singapore at Level 4, Stand 4S2-01 and at Cable Tech Show 2019, June 19-20, in Tokyo at Booth C-07. Further information about Harmonic and the company's solutions is available at www.harmonicinc.com.

About Harmonic

Harmonic (NASDAQ: HLIT), the worldwide leader in video delivery technology and services, enables media companies and service providers to deliver ultra-high-quality broadcast and OTT video services to consumers globally. The company has also revolutionized cable access networking via the industry's first virtualized cable access solution, enabling cable operators to more flexibly deploy gigabit internet service to consumers' homes and mobile devices. Whether simplifying OTT video delivery via innovative cloud and SaaS technologies, or powering the delivery of gigabit internet cable services, Harmonic is changing the way media companies and service providers monetize live and VOD content on every screen. 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. Statements concerning Harmonic's business and the anticipated capabilities, advantages, reliability, efficiency, market acceptance, market growth, specifications and benefits of Harmonic products, services and technology are forward-looking statements. These statements are based on our current expectations and beliefs and are subject to risks and uncertainties, including the risks and uncertainties 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, 2018, 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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Sarah Kavanagh, Sr. Public Relations Manager for Harmonic, +1.408.490.6607, sarah.kavanagh@harmonicinc.com; Nicole Noutsios, NMN Advisors, Investor Relations for Harmonic, +1.510.315.1003, nicole@nmnadvisors.com