



## SES Completes C-Band Transition Months Ahead of Schedule with Harmonic's XOS Edge Software

December 13, 2021

SAN JOSE, Calif., Dec. 13, 2021 /PRNewswire/ -- Harmonic (NASDAQ: HLIT) today announced that it has successfully completed technology upgrades associated with SES's Phase 1 transition plan for C-band spectrum in just nine months. This was accomplished utilizing Harmonic's XOS Edge software-based solution for satellite media processing and edge delivery.



"Tight-knit collaboration between partnering companies led to a successful world-first deployment of software solutions for the transformation of C-band spectrum, and we are proud of this momentous achievement," said Jeremy Rosenberg, senior vice president, business development, at Harmonic. "Deploying software on off-the-shelf appliances for both the uplink and at hundreds of affiliate locations enabled rapid completion of this project, exceeding the FCC's stringent deadline. This project is a testament to the flexibility that Harmonic's edge media processing provides and has opened the door to additional and ongoing opportunities with video programmers for new edge distribution strategies."

Harmonic's XOS Edge media processing solution, integrated with encryption from NAGRA, enables satellite delivery networks to seamlessly distribute video services with optimized bandwidth and improved quality utilizing the inherent flexibility of software.

"We are excited to lead this transformation for the communications industry and accelerate the path to 5G," said Steve Corda, vice president of technology at SES. "Freeing up 5G spectrum while maintaining the quality and resilience of critical video services was a significant challenge. By adopting state-of-the-art edge technology, we can ensure that millions of people across the United States will continue to receive high-quality programming."

The project ensures a seamless transition for Comcast Technology Services (CTS) and its Managed Satellite Distribution affiliates.

"The task of freeing up C-band spectrum was massive and complex," said Allison Olien, vice president and general manager of the Communications and Technology Provider Suite at Comcast Technology Solutions. "We are in the midst of a significant technology change, and SES and Harmonic provided a clear and streamlined transition path that assures service continuity for our partners and customers."

Further information about Harmonic and the company's solutions is available at [www.harmonicinc.com](http://www.harmonicinc.com).

### About Harmonic

Harmonic (NASDAQ: HLIT), the worldwide leader in virtualized cable access and video delivery solutions, enables media companies and service providers to deliver ultra-high-quality video streaming and broadcast services to consumers globally. The company 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 software platforms, or powering the delivery of gigabit internet cable services, Harmonic is changing the way media companies and service providers monetize live and on-demand content on every screen. More information is available at [www.harmonicinc.com](http://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, 2020, 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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