



## Harmonic Extends Lead in Virtualized Broadband

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***Enhanced cOS Platform Includes Powerful Array of New Capabilities Spanning DOCSIS 3.1, DOCSIS 4.0 and 10G Fiber***

SAN JOSE, Calif., Oct. 17, 2023 /PRNewswire/ -- Harmonic (NASDAQ: HLIT) today announced that its virtualized cOS™ broadband platform, previously known as CableOS®, now offers a rich array of next-generation capabilities that further extend its unique market-leading position. These capabilities include unified DOCSIS 4.0, BoostD 3.1, simplified timing synchronization for DAA, hitless software upgrades, integrated Profile Management Application (PMA) intelligence, and significantly reduced data center power consumption.



"Harmonic innovation is driven by our commitment to empowering broadband service providers with practical solutions that accelerate their networks for the 10G-powered future and beyond," said Nimrod Ben-Natan, senior vice president and general manager, broadband business at Harmonic. "The cOS platform is unique in the marketplace today, making it even easier for operators to address the very real economic, environmental and technical requirements they face, while also ensuring greater agility and versatility to strategically extend high-speed services to more subscribers."

Enabling top-tier symmetric gigabit services, cOS now offers unified support for the DOCSIS 4.0 specification, including full duplex (FDX) and extended spectrum DOCSIS (ESD), as well as 10G fiber. Additionally, new cOS platform capability called BoostD 3.1 supports the new class of cable modems currently coming to market, allowing broadband service providers to leverage the full spectrum and deliver fiber-like speeds over DOCSIS 3.1 networks ahead of DOCSIS 4.0 roll outs.

The cloud-native cOS platform has been further enhanced to optimize network operations significantly. The platform now includes a unique feature to simplify device timing synchronization across networks deployed in distributed access architectures (DAA), allowing service providers to easily circumvent requirements related to utilization of specific timing protocols when necessary.

The cOS broadband software platform offers hitless software upgrades, enhancing security responsiveness. Frequent and seamless system updates provide a more robust platform to service providers while ensuring a more reliable, always-on service experience for subscribers.

In a move to further enhance its Profile Management Application (PMA) capabilities, Harmonic has integrated OpenVault's OV PMA software (previously Nimble This) with the cOS platform. This integration reduces PMA cycle durations and provides operators with an advanced, automated solution to ensure optimal network performance at scale.

Harmonic continues its commitment to sustainability with the consistent density and performance improvements made to the cOS platform over seven generations of commercial off-the-shelf servers. Since 2016, these improvements have resulted in a remarkable 75% reduction in power consumption, minimizing operational expenses and reducing the overall carbon footprint of Harmonic's solution.

Harmonic, known for inventing the industry's first virtualized core software almost a decade ago, revolutionized the cable broadband industry with its cOS platform. The cloud-native platform supports virtualized CMTS, BNG, OLT and third-party applications on the same compute infrastructure to improve network agility as more operators accelerate their software-defined network transformation and leverage network function virtualization. The Emmy Award-winning cOS platform is the only field-proven, deployed-at-scale solution on the market and has since become the industry's most deployed platform with over 100 customers worldwide serving 21 million cable modems.

Harmonic will showcase the market-leading cOS broadband platform and versatile family of network edge devices at the SCTE Cable-Tec Expo, Oct. 17-19 in booth 915. 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 broadband 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 broadband networking via the industry's first virtualized broadband 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, 2022, 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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