



## Harmonic Unwraps the Game Plan for Next-Gen Broadband Delivery at SCTE TechExpo25

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### *Harmonic's DOCSIS and Fiber Innovations Enable Low-Latency Multi-Gigabit Connectivity and Unlock New Revenue for Broadband Service Providers*

SAN JOSE, Calif., Aug. 27, 2025 /PRNewswire/ -- Harmonic (NASDAQ: HLIT) today announced that the company will once again bring game-changing innovations to SCTE TechExpo25, empowering operators to deliver fiber-grade multi-gigabit broadband connectivity and outstanding subscriber experiences. Harmonic's industry-leading cOS™ virtualized broadband platform and extensive ecosystem of DOCSIS and fiber solutions leverage cutting-edge advancements including Unified DOCSIS 4.0, a full spectrum of PON options and the new cOS Central AI Assistant to simplify operations, elevate quality of experience and unlock new revenue streams for broadband service providers.



"Broadband operators today are facing unprecedented demand for high-speed, reliable connectivity while navigating tight budgets and fierce competition," said Asaf Matatyau, senior vice president, product, broadband business at Harmonic. "At SCTE TechExpo25, we're unveiling real-world strategies for building future-ready broadband networks fueled by breakthrough innovations in DOCSIS and fiber. Our solutions empower operators to evolve their networks, capture new market opportunities and establish a strong foundation for long-term business success."

Harmonic will showcase transformative innovations at SCTE TechExpo25 that empower operators to:

- **Unlock next-gen broadband with DOCSIS 4.0**

Harmonic's cOS broadband platform enables Unified DOCSIS 4.0 broadband services supporting both Full Duplex (FDX) and Frequency Division Duplex (FDD) technologies for industry-leading delivery of ultra-high-capacity throughput. Together with Harmonic's Ripple and Oyster DAA nodes, Unified DOCSIS 4.0 on the cOS platform empowers operators to deliver blazing-fast speeds and improved quality of service, gain deployment flexibility and realize significant cost savings.

- **Leap forward to fiber service delivery**

Harmonic's cOS broadband platform with Pearl R-OLT device, Jetty remote switch and Pier OLT shelf offers an evolutionary path from GPON to XGS-PON and up to 100G PON, helping operators cost-effectively address the demand for high-speed fiber service delivery. Harmonic's Open ONT approach gives operators the freedom to choose the CPE device that best meets their needs, eliminating vendor lock-in and reducing fiber deployment costs.

- **Offer brilliant experiences with AI-powered network insights**

At SCTE TechExpo25, Harmonic will showcase the new AI Assistant capability for cOS Central that enables smarter, self-healing networks for operators and brilliant broadband experiences for subscribers. Harnessing rich telemetry data from the cOS platform, Harmonic's new AI Assistant helps operators improve network reliability, enhance subscriber satisfaction and reduce operating costs through data-driven decision-making.

- **Deliver game-changing broadband experiences**

Featuring field-proven L4S capabilities, Harmonic's cOS platform delivers ultra-low-lag experiences in congested environments. **This is a game changer** for latency-sensitive interactive applications such as online gaming, video conferencing and AI responsiveness, allowing operators to deliver real-time connectivity to subscribers. Additionally, Harmonic's Beacon ISM application enhances spectrum efficiency and maximizes bandwidth while reducing truck rolls and subscriber calls, helping operators deliver faster, more reliable services to subscribers.

- **Accelerate fiber-like speeds to MDUs**

Harmonic's **SeaStar™** optical node redefines broadband connectivity for lower-density MDUs by enabling cost-effective, rapid deployment of fiber-grade connectivity in brownfield environments. Powered by the cOS platform, the SeaStar node successfully addresses the challenge of delivering multi-gigabit connectivity to MDUs without costly infrastructure changes — reducing capital expenses for operators while enabling revenue expansion.

**Sharing Broadband Expertise at SCTE TechExpo25**

Harmonic experts will take the stage at SCTE TechExpo25 with fresh insights and critical perspectives on the trends shaping tomorrow's broadband:

- Asaf Matatyaou, an industry-recognized broadband thought leader, will share his viewpoint on "Generating the Next-Gen Network" during Light Reading's SCTE TechExpo25 Breakfast Session on Monday, Sept. 29 at 7:30 a.m.
- Amir Leventer, vice president of cloud services and Jensen McCoy, senior staff engineer at GCI, will share real-world strategies for managing operational complexity and delivering business results during the session "Using AI and Automation for Broadband Operations" on Monday, Sept. 29 at 4 p.m.
- Hy Huynh, vice president of fiber products, will share his insights on "The Future of FTTx: How Does PON Fit into the Equation?" during a panel discussion on Tuesday, Sept. 30 at 1 p.m.
- Andrii Vladyka, vice president of growth and technologies, will bring his expertise on broadband QoE to a demo session with CableLabs on Tuesday, Sept. 30 at 3:30 p.m. titled "Real-Time Congestion Management at the Speed of Software."

Harmonic's cOS platform powers next-gen broadband services through more than 35 million CPE devices worldwide for leading operators in North America, Europe, Latin America and Asia.

Harmonic will demonstrate its breakthrough broadband innovations at SCTE TechExpo25, Sept. 29 - Oct.1 in booth H1065. To schedule a meeting with Harmonic, visit [www.harmonicinc.com/scte-2025](http://www.harmonicinc.com/scte-2025). To learn more about Harmonic's broadband solutions, visit [www.harmonicinc.com/broadband](http://www.harmonicinc.com/broadband).

#### **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 operators to more flexibly deploy gigabit internet services to consumers' homes and mobile devices. Whether simplifying OTT video delivery via innovative cloud and software platforms, or powering the delivery of gigabit internet 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).

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