



## altafiber Advances Climate Action Plan With the Calix Platform, Cutting Power Consumption in Half and Preparing for 50G-PON Growth

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*To achieve net-zero carbon emissions by 2040, altafiber invests in the unique operational efficiencies of the Calix Broadband Platform—migrating to a reliable, future-ready XGS-PON network that will reduce long-term power consumption 48 percent while opening opportunities to delight residential and business subscribers with value-based offerings*

SAN JOSE, Calif.--(BUSINESS WIRE)--Oct. 31, 2024-- Today, [Calix, Inc.](#) (NYSE: CALX) announced that [altafiber](#), a leading service provider in Ohio, Hawaii, Indiana, and Kentucky, is leveraging [Calix Intelligent Access™](#) on the [Calix Broadband Platform](#) to support a simplified broadband infrastructure that will grow markets and open new revenue opportunities. altafiber will transition from legacy access infrastructure to 10 Gbps XGS-PON to deliver reliable multi-gig services on a future-ready fiber network. Choosing Intelligent Access with the [AXOS®](#) operating system will cut broadband network power consumption by 48 percent and pave the way for a seamless evolution to 50G-PON so altafiber can expand its markets. With Calix as an innovation partner, altafiber will seamlessly enhance subscriber experiences through innovative managed services that address the diverse broadband needs of its communities.

altafiber is [committed](#) to enhancing [environmental quality](#) in the communities it serves. The company developed an urgent [Climate Action Plan](#) to execute meaningful climate change, with a goal to be net-zero carbon emitters by 2040 and significantly reduce greenhouse gas (GHG) emissions. altafiber expects to reduce GHG by 9 percent just by upgrading its legacy voice, access, and associated field equipment.

Leveraging Intelligent Access on the Calix Platform, altafiber will rapidly deploy XGS-PON to:

- **Reduce operational costs of its network to support overall growth.** The adoption of industry-leading double-density XGS-PON technology efficiently streamlines network operations—[reducing power consumption](#) and equipment installation space to lower total cost of ownership. This pay-it-forward network innovation allows altafiber to scale cost-effectively as it grows.
- **Advance the altafiber Climate Action Plan, cutting power use and carbon emissions.** By moving residential and small business customers to its high-speed fiber-optic network in lieu of legacy, copper-wire-based broadband, altafiber expects to reduce CO<sub>2</sub> emissions per customer at least 10-fold. The XGS-PON network is also more resilient to weather events and power outages, reducing vehicle emissions thanks to fewer service calls.
- **Support 10G, 50G, and beyond to enhance the subscriber experience.** By enhancing network performance with XGS-PON, altafiber anticipates the delivery of unparalleled broadband experiences for residential and business subscribers. With the cloud-and-software-enabled Calix Platform, altafiber can also develop an environmentally conscious ITU standard 50G-PON roadmap.

“Our subscribers have come to expect amazing broadband experiences from us,” said Ron Beerman, chief network officer at altafiber. “Our goal is to deliver those with sustainability and environmental stewardship in mind. Partnering with Calix enables us to achieve all our goals and support our future growth across markets.”

“The Calix Broadband Platform is the ideal solution to advance altafiber’s expansive business while delivering the operational efficiency needed to support its 2040 initiative of net-zero carbon emissions,” said Shane Eleniak, chief product officer at Calix. “The platform will also enable altafiber to quickly implement new technologies like 50G-PON without requiring extensive resources. With Calix, altafiber is pushing the boundaries of broadband connectivity, helping simplify its infrastructure and streamline innovation with a reduced carbon footprint and lower energy costs. We commend altafiber for setting a new benchmark in sustainable broadband deployment while transforming every community it serves with reliable, next-generation experiences.”

Learn how [Intelligent Access](#) on the [Calix Broadband Platform](#) enables network transformations to lower power consumption and establish a foundation for seamless migration to 50G-PON.

### About Calix

[Calix, Inc.](#) (NYSE: CALX)—Calix is a platform, cloud, and managed services company. Broadband service providers leverage Calix’s broadband platform, cloud, and managed services to simplify their operations, subscriber engagement, and services; innovate for their consumer, business, and municipal subscribers; and grow their value for members, investors, and the communities they serve.

Our end-to-end platform and managed services democratize the use of data—enabling our customers of any size to operate efficiently, acquire subscribers, and deliver exceptional experiences. Calix is dedicated to driving continuous improvement in partnership with our growing ecosystem to support the transformation of our customers and their communities.

#### **About altafiber**

Cincinnati Bell is now doing business as “altafiber” in Ohio, Kentucky, and Indiana. The Company delivers integrated communications solutions to residential and business customers over its fiber-optic network, including high-speed internet, video, voice and data. The Company also provides service in Hawai'i under the brand Hawaiian Telcom. In total, altafiber can deliver gigabit Internet to more than 1 million addresses in the territories it serves. For more information, please visit [www.altafiber.com](http://www.altafiber.com). The information on the Company's website is not incorporated by reference in this press release.

This press release contains forward-looking statements that are based upon management's current expectations and are inherently uncertain. Forward-looking statements are based upon information available to us as of the date of this release, and we assume no obligation to revise or update any such forward-looking statement to reflect any event or circumstance after the date of this release, except as required by law. Actual results and the timing of events could differ materially from current expectations based on risks and uncertainties affecting Calix's business. The reader is cautioned not to rely on the forward-looking statements contained in this press release. Additional information on potential factors that could affect Calix's results and other risks and uncertainties are detailed in its quarterly reports on Form 10-Q and Annual Report on Form 10-K filed with the SEC and available at [www.sec.gov](http://www.sec.gov).

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