



Calix and Ericsson Team to Bring NG-PON2 to Verizon

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Calix AXOS and NG-PON2 fulfill promise of Unified Access

PETALUMA, CA – July 20, 2016 – [Calix, Inc.](#) (NYSE: CALX), the world leader in enabling next generation service delivery with an unmatched subscriber experience, today announced that Verizon has invited Calix and its long-time partner Ericsson to test NG-PON2 (Next Generation Passive Optical Network Two) solutions in Verizon's Innovation Lab in Waltham, MA, commencing in July 2016 as part of the next steps in the company's RFP evaluation of NG-PON2.

This announcement is a definitive moment in the evolution of PON technology, providing clear validation of NG-PON2 as the next-generation technology of choice for fiber access networks. Since the standardization work culminated in finalization of the technical standards in October 2015, NG-PON2 has rapidly gained momentum in the industry.

To ready the technology for mass deployment, Calix has used its award-winning AXOS platform to lead the way with advanced technology demonstrations and interoperability work. Starting in late 2015 and throughout 2016, Calix has publicly demonstrated advanced NG-PON2 features, such as technology co-existence and wavelength mobility, and is to date, the only company to have publicly demonstrated bonded NG-PON2 delivering service speeds of up to 40 Gbps over a single fiber connection. (Click for [NG-PON2 channel bonding video](#).)

Further, Calix has been a leader in the interoperability standards work at Full Service Access Network (FSAN) group, acting as co-editor of the PON PMD Layer (Physical Media Dependent) Conformance Test Plan. Recently, Calix successfully tested activation, provisioning over OMCI (ONU Management and Control Interface), and passing line-rate traffic using NG-PON2.

Calix has a long held vision of a Unified Access infrastructure, serving both business and residential subscribers. The Calix architectural approach has always supported this vision. As a result, Calix fiber access customers have benefited from industry-leading efficiency both in installed equipment costs and on-going operational savings. The Calix AXOS NG-PON2 solution extends this leadership by expanding the capacity, resilience, and operational efficiency of fiber networks while allowing service providers to keep pace with the needs of business and residential subscribers over a common infrastructure.



“For over a decade, Calix has led the way in fiber access innovation,” said Michel Langlois, Calix senior vice president of systems products. “Our leadership in innovation has led to this exciting opportunity with Verizon, and we look forward to working closely with Verizon. Our AXOS NG-PON2 solution is built on software defined access (SDA) principles to be fast, always on, and simple, and aligns perfectly with Verizon’s Fios vision of the future.”

To learn more about NG-PON2 technology:

- Visit the next generation PON tutorial at Calix website (<https://www.calix.com/solutions/next-generation-pon.html>)
- Listen to recent IHS webinar sponsored by Calix, includes panelists from FSAN, Verizon, IHS, Calix (<https://www.calix.com/pages/next-generation-pon-webinar.html>)

About Calix

Calix, Inc. (NYSE: CALX) is a global leader in access innovation. Its Unified Access portfolio of broadband communications access software, systems, and services enables communications service providers worldwide to transform their networks and become the broadband provider of choice to their subscribers. For more information, visit the Calix website at www.calix.com.

This press release may contain forward-looking statements that are based upon management's current expectations and subject to inherent uncertainties that could cause actual results to differ materially from those that we express or imply, including the success or market adoption of our solutions, whether our lab tests with Verizon are successful and whether the lab tests will result in any orders or purchases of our solutions. 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.

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