



## **Calix Ships GPON ONTs with Standards-based RF Return**

*First to Market with an Integrated RFOG / GPON ONT*

**JANUARY 8, 2008, PETALUMA, CA**—Calix today announced the availability of the first gigabit passive optical network (GPON) optical network terminal (ONT) that utilizes standards-based radio frequency over glass (RFOG) technology for two-way communication with RF-enabled consumer devices. By integrating the most advanced fiber to the premises (FTTP) and RFOG technologies, Calix is maximizing service provider flexibility in meeting consumer demand for advanced broadband and entertainment services over fiber.

The Calix 725 ONT supports all of the current and emerging cable RF return path standards, including the Society of Cable Telecommunications Engineers (SCTE) standards 55-1 and 55-2, and CableLabs® DOCSIS and DOCSIS Set-top Gateway. Service providers can seamlessly deploy the 725 ONT and ensure interoperability with their video headends and conditional access systems.

According to Joey Anderson, COO at Muenster, Texas based Nortex Communications, “We looked at several alternatives for RF return over FTTP systems for leveraging our Motorola headend. We liked the Calix solution because it is standards-based, so we won’t get locked into proprietary RF return solutions. The solution allows for interoperability between GPON OLTs and ONTs. When coupled with the proven leadership of Calix in GPON, we see this as the best overall solution in the industry today.”

RFOG has emerged as the standards-based technology enabling support for widely used cable return path protocols over FTTP. At the subscriber premises, by incorporating RFOG technology into the 725 ONT, Calix has eliminated any additional packaging or powering requirements. This approach significantly simplifies craft training and installation time. At the headend, service providers can utilize the same return path receivers commonly used in the cable industry, such as those from Motorola and Scientific Atlanta, a Cisco company.

“By integrating the RFOG technology into the GPON ONT and using equipment commonly used by the cable industry, Calix is giving service providers greater choice in how they roll out broadband to their subscribers,” said David Russell, solutions marketing director at Calix, “Cable operators can deploy the 725 ONT, and move to a fiber-based access network, while leaving their subscriber infrastructure intact. Independent telcos who own cable systems and wish to begin deploying GPON can now enhance their product mix with powerful interactive services enabled through RF return, such as video on demand and pay-per-view.

Calix completed extensive field testing of the 725 ONT during the second half of 2007 and has received production orders for the product from a wide range of service providers implementing RF return on FTTP systems. In GPON mode, the Calix 725 ONT interoperates with either the Calix C-

Series multiservice access platform (MSAP) or the F-Series multiservice over GPON optical line terminals (OLTs), both of which are widely deployed in North American service provider networks.

**About Calix**

Calix is the largest telecom equipment supplier focused solely on access solutions for broadband service delivery. Service providers deploy Calix access systems to enable a rich set of information, communication, and entertainment services and to expand their revenue base beyond connectivity. Calix access innovation helps service providers transform their networks from circuit to packet, narrowband to broadband, and copper to fiber. Calix has deployed millions of ports and tens of thousands of systems into hundreds of service provider networks throughout North America. For more information, visit the Calix website at [www.calix.com](http://www.calix.com).

This press release may contain 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. Actual results and the timing of events could differ materially from current expectations.

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