



## **Volcano Communications Deploys Ethernet-based Calix E-Series Platform**

*Small Form Factor E5-100 Family Supports HDTV, VOIP, and Very High Speed Data in Deep Fiber Applications*

**JANUARY 16, 2008, PETALUMA, CA**—Calix today announced that Volcano Communications, an innovative California-based service provider, has successfully deployed the Calix E5-100 Ethernet Service Platform (ESP) to deliver very high bandwidth services to its customers. Located east of Sacramento, Volcano delivers a full set of information, communication, and entertainment services to over eleven thousand local residents. In conjunction with the Calix C7 multiservice access platform (MSAP), Volcano is deploying line-powered, Ethernet-based E5-100s to deliver DSL (initially ADSL2+, followed by VDSL2) and POTS services. This access network architecture allows Volcano to cost effectively deliver advanced broadband services to its customers.

According to John Lundgren, Volcano Communications vice president, "Delivering the latest high-value services to our subscribers is of critical importance to Volcano Communications. The Calix access solution portfolio yields tremendous architectural flexibility—we can take fiber all the way to the premises or leverage existing copper—while also maximizing the range of high-value services we can deliver to our customers."

The Volcano deployment also utilizes the new Calix ODC-100, a modular, flexible broadband enclosure designed to maximize heat dissipation capability. The ODC-100 accommodates the small form factor E-Series products and provides the powering, protection, and cable management necessary to serve up to 96 subscribers. As with all Calix enclosures, the ODC-100 supports 100 percent density of narrowband and broadband services.

Teresa Sperry, Calix director of multiservice over Ethernet market development, calls the E-Series products "ideally suited for a service provider like Volcano Communications. Coupled with the ODC-100, it provides them with a compact, cost effective network point of presence from which they can rapidly deploy a variety of high-bandwidth services."

The E5-100 family of small form factor, native Ethernet platforms is available in a variety of configurations.

1. E5-110: 48 ADSL2+ ports with integrated splitters
2. E5-111: 48 ADSL2+ ports with integrated analog POTS-to-VOIP conversion
3. E5-120: 24 VDSL2 ports with integrated splitters and ADSL2+ fallback capability

4. E5-121: 24 VDSL2 ports with integrated analog POTS-to-VOIP conversion and ADSL2+ fallback capability

With multiple Gigabit Ethernet uplinks, optional pair bonding and line powering, the E5-100 provides all of the functionality necessary for retrofits, augments, and fiber to the node applications.

***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.

*For additional information contact:*

Jeannette Bitz  
Engage PR  
510-748-8200 x207  
[jbitz@engagepr.com](mailto:jbitz@engagepr.com)