



## **Calix to Demonstrate Live, End-to-End, IP-based Switched Video Services Delivery Over DSL at TelcoTV**

*Along with Calix, multi-vendor demonstration includes industry-leading video delivery components from Amino, i3 micro technologies, Minerva Networks, Myrio, Thomson, Tut Systems, and Westell Technologies*

**NOVEMBER 13, 2003, LAS VEGAS, NEVADA**—Calix, a supplier of advanced telecommunications platforms that simplify voice, data, and video service delivery over both optical and metallic access networks, will be demonstrating a multi-vendor, standards-based implementation of switched video services over DSL at TelcoTV in Las Vegas (booth #512). Calix will be showcasing two separate switched video delivery lineups: one using Minerva Networks encoders and middleware, another using Tut Systems encoders and Myrio middleware. In both cases, the Calix C7 simplified services platform will provide transport, aggregation, and multicasting of the video streams, processing of IGMP channel change commands, and delivery of multiple video streams over ADSL. This broad demonstration of video interoperability will also highlight DSL modems from Westell Technologies and set top boxes from Amino, i3 micro technologies, and Thomson.

“Dramatic improvements in capacity, coupled with vastly improved economics and simplified service provisioning, are making video a reality for traditional telephone operating companies,” stated Calix president & CEO Carl Russo. “The interoperability being demonstrated at TelcoTV affords service providers the opportunity to quickly and cost effectively roll out switched video services.”

This demonstration is representative of the half dozen full production video deployments using the Calix C7 platform—including Ringgold Telephone, Panhandle Telephone, and others—that are already generating significant subscriber revenue. “Adding a single IP Resource Card to our existing Calix C7 DSL network allowed us to rapidly expand into scale video services,” stated Ron Strecker, CEO of Oklahoma-based Panhandle Telephone Cooperative, Inc. “The combination of IP and ATM in the C7 platform gave us the robust, standards-based functionality we needed to confidently expand services and revenues.”

The demonstration also illustrates the benefits enjoyed by wireline service providers deploying an IP-based video delivery system. Video streams are encapsulated in IP before being transported over a service delivery network that is simultaneously addressing conventional voice and data service delivery to business and residential subscribers. Use of IP as the end-to-end protocol allows service providers to mix and match components in order to optimize cost and performance. This breadth of interoperability is also being demonstrated at the currently-underway Calix Simplified Services Tour, a 13-city nationwide educational seminar program (visit [www.calix.com](http://www.calix.com) for details).

Calix will also present service providers attending the show with a free copy of “The Book on Video,” a comprehensive guide to the entire switched video services infrastructure from headend to subscriber premises and everything in between.

***About Calix***

Calix is a leading supplier of telecommunications infrastructure platforms engineered to facilitate all aspects of voice, data, and video service delivery to business and residential subscribers for local exchange carriers of all sizes. Providing massive optical and metallic density, unprecedented system capacity and functional headroom, advanced management and provisioning capabilities, and complete service flexibility, the Calix C7™ platform dramatically simplifies service provider networks, yielding radical improvements in infrastructure value.

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