



Calix to Demonstrate Advanced IPTV and Internet Video Services at TelcoTV

Calix Teams with 180Squared, Scientific Atlanta, a Cisco company, Clear Access, GridNetworks, MobiTV, Motorola, Tandberg, and Vudu to Demonstrate Advanced Broadband Applications Over 2.5 GPON, VDSL2, and ADSL2+ at TelcoTV

OCTOBER 23, 2007, ATLANTA—Calix will demonstrate advanced new IPTV and internet video services delivered over the Calix C7 and E5 access platforms at TelcoTV in Atlanta (October 23-25, Georgia World Congress Center, booth #613). This demonstration of standard and high-definition video over 2.5 Gbps GPON, VDSL2, and ADSL2+ will include such rich IPTV features as picture-in-picture, instant channel change, digital video recording, interactive caller ID, and video on demand, as well as advanced new on-demand and broadcast internet video currently being deployed by Calix customers.

The end-to-end ecosystem delivering the IPTV demonstrations will include a number of Calix Compatible interoperability partners and industry leaders including 180Squared, Scientific Atlanta, a Cisco company, Clear Access, Motorola, and Tandberg. Service providers seeking to establish clear differentiation from their cable and satellite competitors are increasingly looking to these leaders for a superior IPTV user experience, and to Calix fiber to the premises (FTTP) and advanced DSL solutions for the bandwidth and quality of service required to deliver such applications.

Matt Davis, director of multiplay research with IDC, said "Calix is an established access provider with a growing installed base of GPON, VDSL2 and ADSL2+ deployments in the North American marketplace. By supporting an array of advanced video services, service providers can match leading-edge broadband access technology with globally deployed IPTV and internet video platforms. This combination creates the potential for the delivery of advanced multiplay service that will deliver a truly differentiated service offering from cable and satellite."

Calix will also be highlighting robust new broadband services from Clear Access, GridNetworks, MobiTV, and Vudu that are currently being deployed by Calix customers. Clear Access is providing DSL modems for the IPTV demonstrations, as well as its TR-69 auto-configuration server (ACS) integrated with the Calix Management System (CMS), creating opportunities for remote service provisioning, troubleshooting, and home network management across FTTP and DSL. The GridNetworks, MobiTV, and Vudu services, which promote broadband service penetration, retention, and "upsell" opportunities by providing on-demand access to top Hollywood films or broadcast video content, are redefining how entertainment content is being delivered over the Internet and are currently being deployed by Calix customers.

According to Geoff Burke, Calix director of field marketing, "This TelcoTV demonstration of advanced IPTV and broadband applications creates a clear picture of how service providers are raising the bar in redefining the integrated home experience. Combine these services with Calix access solutions that provide bandwidth options up to two orders of magnitude greater than even DOCSIS 3.0-enabled cable

operators, and you have a clear answer for communications service providers looking for ways to compete and win.”

The multifaceted demonstrations employ ITU-T H.264 / MPEG-4 AVC and VC-1 to encode both standard and high-definition video content for delivery over three types of access infrastructure: GPON operating at 2.5 Gbps and delivered over Calix 700G ONTs with Gigabit Ethernet subscriber-side ports, VDSL2 operating at 25 Mbps, and ADSL2+ operating at 15 Mbps.

Specific enabling technologies being highlighted by Calix include the following:

1. IPTV middleware, which provides a robust service environment including picture-in-picture, instant channel change functionality, digital video recording, and video on demand
2. Set-top boxes from Scientific Atlanta and Motorola that support MPEG-4 AVC and VC-1 SD and HD content as well as digital video recording
3. Advanced applications from 180Squared that provide caller ID monitoring and management on the TV
4. MPEG-4 AVC encoding and compression systems designed for delivery of HD-IPTV content from Tandberg Television
5. Internet video appliances and services from GridNetworks, MobiTV, and Vudu that allow service providers to deliver on-demand video and monetize internet-based video content

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.

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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