

# The Deployment Focus is on Western States

Using fiber to serve one customer every 10 square miles

By Masha Zager ■ *Contributing Editor, Broadband Properties*

## Border to Border Communications

(www.border2border.com), an ILEC in Zapata, Texas, will use Alloptic's GE-PON access system to provide fiber to the premises in the Dolores remote serving area. Border to Border has a sparsely populated service area – approximately one customer every 10 square miles – and extremely hot summer weather. Alloptic's solution was chosen because it supported the company's 40-km reach requirements and because the ONTs stand up to the 145+ degree heat inside the enclosure during the summer when mounted in direct sunlight.

## Custer Telephone Co-operative

(www.custertel.net), an independent operating company in central Idaho that is in the process of rolling out a FTTH network, will be deploying five CopperCom next-generation softswitches as part of a multiyear and multimillion dollar network upgrade. The CopperCom switches will be used to support both legacy and next-generation IP services over Custer Telephone's new fiber optic network.

## SureWest Communications

(www.surewest.com), a large FTTH provider headquartered in Roseville, California, announced that it was raising its residential Internet offering to 50 Mbps for both upstream and downstream speeds. SureWest is bundling the 50 Mbps offering in its new "Ultimate" quadruple-play package, which also includes more than 250 channels of digital TV; unlimited local and long-distance telephone; and unlimited wireless with 1,000 travel minutes each month.

## West Plains Telecommunications

(www.fivearea.com), a subsidiary of Five Area Telephone Cooperative in Muleshoe, Texas, has selected Alloptic's GE-PON solution for its FTTP rollout. West Plains says the Alloptic solution allow seamless migration to all-IP services.

## First Communications

(www.firstcomm.com), a large CLEC in Akron, Ohio, has deployed advanced voice and data services over existing power lines inside multi-dwelling/multi-tenant buildings to residential and business customers throughout the United States. These services – including broadband

Internet, advanced telephony, video on-demand, smart home and an array of security monitoring offerings – leverage switching and application solutions provided by MetaSwitch.

The new services, known as First-Speed BPL, are provided through medium-voltage electric circuits using Broadband over Power Lines (BPL). In-building BPL utilizes the existing electrical infrastructure of a building to disperse high-speed connectivity throughout a building. This solution does not require expensive re-wiring of the network and delivers throughput of up to 20 Mbps.

## Don't Miss

the Exhaustive 16-page Indie Deployment List and Analysis in Our January Issue!

## Vendor Spotlight:

Alloptic: [www.alloptic.com](http://www.alloptic.com)

CopperCom: [www.coppercom.com](http://www.coppercom.com)

MetaSwitch: [www.metaswitch.com](http://www.metaswitch.com)

SureWest: [www.surewest.com](http://www.surewest.com)