

Independent Telco Deployments - October 2006

By Masha Zager ■ *Contributing Editor, Broadband Properties*

Broadweave Networks (www.broadweave.com), a Utah CLEC specializing in fiber-to-the-home deployments, announced the groundbreaking of a new FTTH network in the Sienna Hills Master Planned Community in Washington City, Utah. Sienna Hills is a 740-acre development run by the Utah School and Institutional Trust Lands Administration. Broadweave plans to offer 30 Mbps Internet service, as well as voice and video services, over an active Ethernet fiber system from Telco Systems.

Cooperative Telephone Exchange (515-826-3206), an ILEC based in Stanhope, Iowa, selected Occam Networks equipment for Gigabit Active fiber to the home. The company plans to be providing triple-play services to more than 500 homes.

Infinity Communications, a communications and entertainment company in the Cayman Islands, has begun construction of a fiber-to-the-premises network that will deliver Internet, digital television and telephone services, as well as enhanced services including Web hosting, virtual private networks, videoconferencing and interactive gaming. The network, based on Wave7 Optics' Trident7 Optical Access System, is expected to be available to more than 24,000 households on Grand Cayman by the end of 2008.

New Knoxville Telephone Company (www.nktelco.net), an ILEC based in New Knoxville, Ohio that currently offers high-speed data, VoIP and video services over a FTTP network to more than 1000 customers in Ft. Loramie, OH, is expanding its fiber network to the nearby town of Botkins. Subscribers in Botkins will receive 200 RF or IPTV video channels, including HDTV, up to five traditional or VoIP telephone lines and high-speed Internet services. Business customers will also be able to order 10/100 Ethernet Base-T and similar connections. NKTELCO is deploying Wave7 Optics' Trident7 Optical Access Platform; in its previous project, it used Wave7 Optics' Last Mile Link platform.

Scott County Telephone Cooperative (www.sctc.org), an ILEC in Gate City, Virginia, has deployed a new fiber-to-the-home network in the town of Nickelsville, using equip-

ment from Wave7 Optics. The telco will provide triple-play services to about 400 homes and businesses, as well as to the local school, clinic, fire department and community center. The project was funded in part by the Rural Development Utilities Program of the USDA; a portion of the RDUP funding went to establish a public-access computer lab at the Nickelsville Community Center. The Nickelsville deployment was the second one for Scott County Telephone Cooperative, which had already brought fiber-to-the-home to the town of Duffield.

Westphalia Telephone Company (989-587-5000), based in Westphalia, Michigan, is installing an active fiber network in its CLEC territory, using equipment from Occam Networks.

Windstream Communications (www.windstream.com), headquartered in Little Rock, Arkansas, is building fiber-to-the-home networks in new subdivisions within its service areas in nine states – Alabama, Arkansas, Florida, Georgia, Kentucky, Nebraska, North Carolina, South Carolina and Texas. The first network, in Canton, Georgia, was deployed this summer, and a second, in Lincoln, Nebraska, has been deployed in the development's model home. Windstream expects to pass 2,000 homes with fiber by the end of 2006; the total for all the subdivisions could eventually reach 24,000. Windstream was formed earlier this year through a spin-off from Alltel followed by a merger with VALOR Communications; it serves 3.4 million customers in 16 states.

Vendor spotlight:

Broadweave Networks	www.broadweave.com
Occam Networks	www.occamnetworks.com
Telco Systems	www.telco.com
Wave7 Optics	www.wave7optics.com
Windstream Communications	www.windstream.com