



How an Indian reservation in North Dakota was able to provide high-speed Internet connectivity to a Tribal College, Tribal institutions and satellite campuses through a National Science Foundation grant.

- The Problem:** Tribal communities and colleges on the Turtle Mountain Reservation in North Dakota lacked Internet access and could not afford the expense of running fiber optic or cable to provide high-speed service.
- The Solution:** With a NSF grant, the Tribal Wireless Project was created. The American Indian Higher Education Consortium selected three colleges, including Turtle Mountain Community College (TMCC) for the project. www.anmsi.org. www.educause.edu
- The Result:** The Dandin Group deployed a Motorola Canopy™ point-to-point infrastructure ring around the Reservation providing Internet connectivity throughout the reservation. www.dandin.com. www.motorola.com/canopy.

Background

A few years ago, the Tribal College on the Turtle Mountain Reservation had only one computer connected to the Internet, and that connection was via dial-up access. Today, through the NSF grant funding the Tribal Wireless Project, Turtle Mountain and Fort Berthold Reservations in North Dakota and Fort Peck Reservation in Montana now have wireless broadband Internet connectivity. Today, the Motorola Canopy systems at all three Reservations have been in place and performing well. The Tribal Wireless Project is cost-effective and easy to maintain for the Reservation's needs. It has pushed wireless technology to a level never before attained in terms of "First Mile" access.

For interviews, contact:

Roderick Kelly
Kelly|LoDestro Global Relations
For Motorola's Canopy Group
(630) 761-0700
KLGRKelly@aol.com

Beyond Wireless is a weekly media alert that is intended to illustrate a unique deployment of Motorola's Canopy wireless broadband technology. Our goal is to assist you as you develop current and future story ideas depicting the evolution of wireless broadband technology that connects people to people and people to devices.



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