

Application Profile: East Carolina University, Brody School of Medicine Telemedicine Center- Greenville, NC

AEI FASTLINKS was chosen by the ECU Brody School of Medicine to design, install, and maintain a 100BaseT radio link WAN between its facility and two remote hospitals (Bertie Memorial in Windsor, NC & Roanoke Chowan in Ahoskie, NC) up to 60 miles away. This project was funded by the National Library of Medicine to prove the concept of using wireless as a means for providing telemedicine services. Six links and four repeater sites were required to span the distances (up to 22.5 miles) and overcome the obstructions to line of sight to make these connections. The installation was completed in July 2002, and the wireless WAN was made operational in September.



The Wireless WAN Pros!



FYI – In May 2002, the ECU Telemedicine Center participated in a full-scale terrorism response exercise sponsored by amongst others, the Camp Lejeune Marine Corps Base. The event included live fire training, hostage situations, and responding to chemical/biological incidents, mass casualties, and mass fatalities.