

Arkansas Western Gas Company Cellular Wireless Remote Meter Data Collection

For over 70 years Arkansas Western Gas Company has provided Arkansans with natural gas service. The Company serves more than 148,000 customers in over 90 communities. With all of these locations, Arkansas Western Gas Company needed a way to more efficiently measure their remotely located meters. Now, with the help of the Multi-Tech MultiModem® GPRS cellular wireless modem, they've found a solution.

In some remote locations, access to a standard PSTN line for a dial-up connection can be difficult. Arkansas Western Gas Company discovered that they could connect their electronic flow measurement (EFM) unit to the RS-232 access port on the MultiModem GPRS wireless modem to capture and calculate gas volumes in remote locations via a cellular connection. Arkansas Western Gas dials approximately 150 EFM units each day to gain access to their gas volumes.

With packet data speeds up to 85.6K bps, the MultiModem GPRS wireless modem can exceed the performance capacity of a standard dial-up modem. It utilizes industry-standard AT-style commands and can integrate seamlessly with virtually any software application.

"One of our corporate strategies is to operate our utility systems safely and efficiently," explains Ira Canoy, Supv. Scada for Arkansas Western Gas Company. "The MultiModem GPRS wireless modem allows us to meet this goal by providing a means to inexpensively obtain readings from our remote locations without having to send out personnel. We chose this modem because it was affordably priced, compact in size, and overall a good quality unit."



MultiModem GPRS

- GPRS Class 10
- Packet-switched data rates up to 85.6K bps
- RS-232, USB, Bluetooth and Ethernet interfaces
- Desktop or panel mounting
- Carrier approved

Arkansas Western Gas Company

is a natural gas distribution company engaged in the gathering, distribution, and transmission of natural gas to approximately 148,000 residential, commercial and industrial customers in northern Arkansas. Primarily a distribution company, Arkansas Western Gas handles everything from well head to burner tip. They are a utility subsidiary of Southwestern Energy Company of which is primarily focused on the exploration for and production of natural gas.



For more information contact:

Arkansas Western Gas Company
Telephone: 1-479-582-8279
Web: www.swn.com