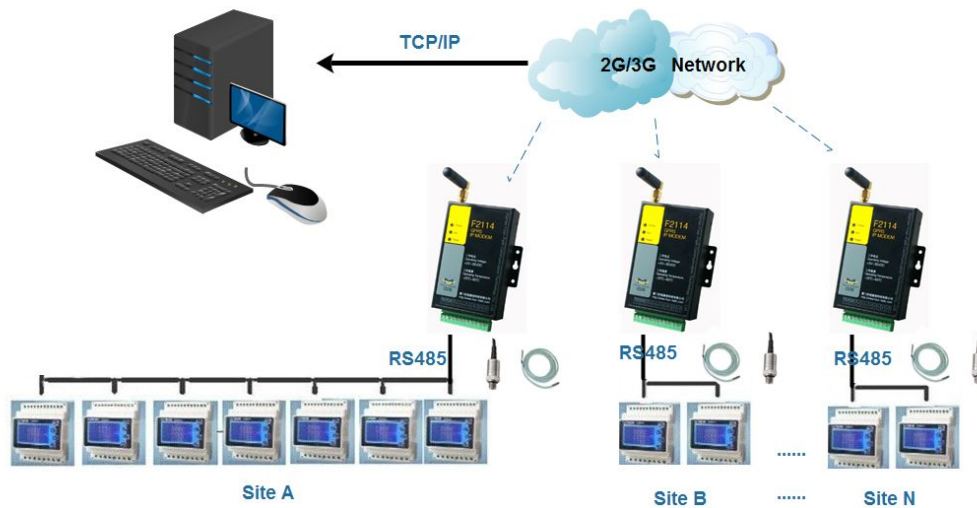


### Four-Faith IP Modem Applied on Power Monitoring Project

The System provides real-time meter reading, System consist of the meter, F2414 GPRS IP MODEM ( DTU ), acquisition and the central server. Collector electricity users real-time collection of data, F2414 IP MODEM collect the data through the 2G/3G network to the server. With fast and accurate data collection, statistical analysis can quickly generate electricity, payment receipts, etc. compared with the traditional manual meter reading, meter telephone line , greatly improving efficiency.

The topology is as below:



The practical application is as below:





### Why Four-Faith:

- ◆ High-powered industrial cellular module
- ◆ Support low power consumption mode, including multi-sleep and trigger modes to reduce the power dissipation farthest
- ◆ RS232/RS485/RS422 port: 15KV ESD protection
- ◆ Supply 5 I/O channels, compatible 2 pulse wave output channels, 2 analog inputs and one pulse input counters.
- ◆ Power port: reverse-voltage and overvoltage protection