

APPLICATION NOTE 131



THE PROBLEM

There is a requirement for a cost effective solution to monitor status of remote power distribution switching cubicles.

THE SOLUTION

Satellite communications, discrete inputs and battery powered operation makes the SAT110 ideal for monitoring switch status of remote power distribution switching cubicles. With 3 discrete inputs, the SAT110 can monitor status of 3 phase power systems to identify the phase alarm. The SAT110 SatSCADA Server allows secure access to remote satellite terminals from the Power-Utilities SCADA host using Modbus RTU over TCP protocol via an authenticated HTTPS connection.

SYSTEM FEATURES

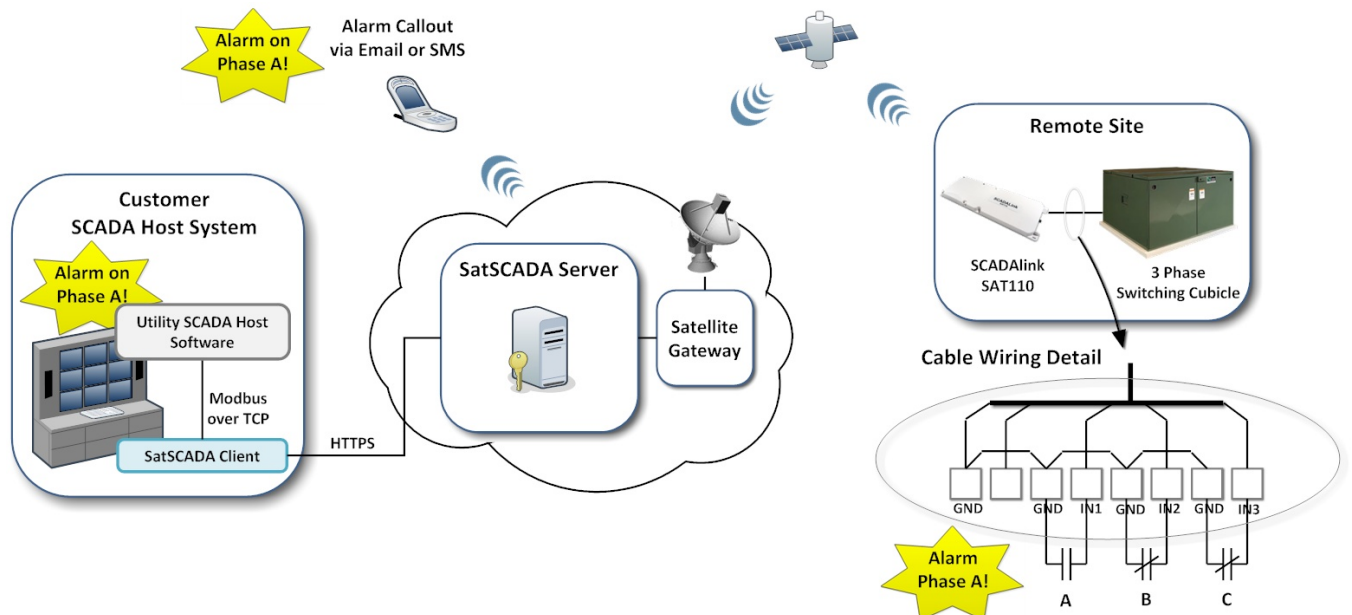
- Satellite Based for World Wide Operation
- Battery Powered with up to 2 year Battery Life
- 3 DI, Supply Voltage Monitoring
- SatSCADA Server provides Secure Modbus Interface
- Alarm Callout via Email, SMS Callout

APPLICATIONS

- Remote Power Distribution Switching Cubicle



SYSTEM DIAGRAM



r1.0