



FLUKE®

Use Study

Transportation application

Name: Pat Weldon

Title: Manager of Electrical Infrastructure and Support

Company:
A commercial airline

“The modular design of the Fluke system and its ability to take simultaneous readings would be very helpful. Many problems are intermittent and we can’t have technicians standing at a panel forever.”

“What would I use a wireless measurement system for?”

Equipping an entire team of technicians

The Fluke wireless system would be very helpful in our monthly testing of UPS units, remote power panels (RPP) and power distribution units (PDU). The cabinets have their own monitoring systems built in, but they are not always as accurate as we’d like them to be, so we verify them by taking amperage and voltage measurements on a regular basis. Instead of using an expensive power quality meter, I could hang current and voltage modules inside the cabinets of the RPP and PDU and leave them for a period of time to measure balances and voltage fluctuations.

We have 36 technicians and I can’t give them all power quality meters, but I could give them the Fluke wireless system to take measurements, which would be a big advantage for our predictive maintenance program.

We are continuously checking power and load issues as part of our general maintenance activities. The modular design of the Fluke system and its ability to take simultaneous readings would be very helpful. Many problems are intermittent and we can’t have technicians standing at a panel forever. Being able to hang modules to log data would be very advantageous.

The size and wireless capabilities would come in handy. For example, if you’re in a cabinet, you can hook up the modules on one side and then walk around to the front to flip switches and get readings. In the datacenter, there are some cabinets where there is no room to set a meter down. With the Fluke system you could hang the modules, close the cabinet and get your readings.

The Fluke wireless system

One central meter that receives wireless voltage, amperage and temperature readings from multiple sister meters placed in a variety of locations up to 20 meters away.

