TURN BASIC PDUS INTO “SMART PDUS” ....IN MINUTES

Packet Power wireless “Smart Cables” quickly and easily turn any PDU into a “smart” metered PDU without the need for network cables.

- No costly network cable drops
- Instantly ready to monitor
- Uses your existing PDU
- Secure
- Installs in minutes
- Scalable
- Self configuring
- Works with any hardware or DCIM / BMS system

What is a Smart Cable

Smart Cables are standard power cables with low profile embedded wireless network power monitors.

☑ Provide high accuracy measurements from current (A) to energy usage (kWh)
☑ Fail safe design that can never interrupt the current path
☑ Available in any plug type from 10-63 Amps and certified for use in most countries

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Installing is easy as “1-2-3”

Easy installation makes Smart Cables different from other solutions.

1. Plug Smart Power Cable into PDU
2. Connect wireless Gateway
3. Start Monitoring

THREE EASY STEPS

1. Plug the Smart Power Cable in between the rack power strip and it’s power source: The “Smart Cable” automatically begins to send monitoring information.
2. Connect the Ethernet Gateway module to your network. The Smart Cables and Gateway automatically detect each other and form a self configuring wireless network.
3. Access data in Packet Power’s EMX energy portal or in your existing application via Modbus or SNMP.

Complete Power and Environmental Solution

Packet Power’s wireless environmental monitor shares the same self configuring network technology providing a complete power and environmental monitoring solution.

Each wireless environmental monitor provides up to 12 temperature sensor points, humidity, differential pressure sensing and dry contact support.

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Packet Power Wireless Network Advantages

Self Configuring Mesh Network

The Ethernet Gateway module automatically detects any new Smart Cables and adds them to the network, simplifying installation and scalability. Smart Cables don’t need to directly connect to a Gateway and can link through any nearby Smart Cables to form a dynamic mesh network. This robust and resilient technology results in a wireless network that is as reliable as a wired network. All data can be viewed using the EMX portal, or accessed by most Building Management Systems or DCIMs using the SNMP or Modbus TCP/IP output.

Why customers choose Packet Power wireless solutions

- **RELIABILITY**: Packet Power devices have been used in challenging critical environments around the world. Customers recognize Packet Power as “the wireless solution that really works.”

- **SCALABILITY**: The ideal architecture for high device count environments, the system can accommodate an unlimited number of wireless nodes. Adding a node is easy, with the wireless network automatically incorporating new Gateways and monitoring units.

- **SECURITY**: Packet Power devices use a proprietary node to node wireless communications protocol that is invisible to Wi-Fi, Zigbee and other standard networks. In addition, the option to encrypt wireless traffic and fully segregate the monitoring network provides comprehensive security.

- **INSTANT DATA**: Power and environmental data is instantly available in the EMX application or any application that supports SNMP or Modbus protocols.

- **REDUCED INFRASTRUCTURE COSTS**: Choosing Packet Power means much lower deployment costs, faster installation and lower ongoing operating costs.
Cost Effective

Adding a Smart Cable to your PDU often costs far less than metered PDUs and adds the functionality of a full featured power monitoring system.

SMART CABLE SAVINGS

- No need to remove existing PDUs
- No network cable drops, allocation of switch ports, assigning and setting up IP addresses
- No commissioning or programming costs

Proven in Data Centers

Packet Power designs products with a focus on reliability and security. The first Packet Power wireless monitoring units were installed in data centers in 2008. Since then, tens of thousands of units have proven their reliability in data centers around the world.

THE TRULY SECURE WIRELESS SOLUTION

WHAT MAKES PACKET POWER DIFFERENT THAN ANY OTHER WIRELESS SOLUTION?

Packet Power delivers a wireless solution that’s as secure as any wired system. Using a proprietary protocol only capable of relaying power and environmental data results in an inherently safe solution that is trusted in critical financial and collocation facilities globally.

- Uses a proprietary protocol that will not inter operate with WiFi, Bluetooth or Zigbee
- Limited command set focused on the transmission of power and environmental data
- Cannot be used by a third party to gain access to the site’s wired network
- Gateways do not push data over the wired network
- Able to make Packet Power networks running in the same facility invisible to each other

PTS Data Center Solutions, Inc
16 Thornton Road
Oakland, NJ 07436
1-866-787-3271 Extension 2
sales@ptsdcs.com