PACKET POWER

Prevent Accidental Damage to Reefers & Gantries with Wireless Power Monitoring

Without tools to monitor the power flowing into reefer containers, port operators face the risk of damaging gantry units. Packet Power's wireless monitoring solution offers an easy and cost-effective way to provide real-time visibility into the power usage and connection status of each reefer. With this critical information, port operators can prevent the accidental movement of connected reefers and avoid unexpected power loss that could compromise temperature control, ensuring the safe handling of perishable goods.

Why Power Monitoring Matters

Packet Power's solution goes beyond standard temperature and GPS monitoring for reefer containers, giving port operators real-time visibility into critical aspects such as:

- **Connection Status:** Ensures safe connection and disconnection of reefers from gantry units, preventing damage to both equipment and infrastructure

- **Power Flow Changes:** Detects fluctuations in power supply to individual reefers, offering early warnings of potential issues

- **Individual Power Consumption:** Tracks power usage at the reefer level, enabling precise billing for customers based on actual consumption

EMX Software Options

Packet Power offers two versions of its proprietary, highly customizable EMX monitoring software: a cloud-based option or a locally installed version.

- **Cloud Software:** Features an Open API for easy integration with existing platforms

- **Customized Dashboards:** Provide real-time data on connection status, power consumption, and alerts (e.g., on/off/standby status, exceeded thresholds)

- **Tailored Reporting:** Enables historical trend analysis and supports consumption-based billing with data customized to your specific operational needs

- **3D Visualization:** Easily model the layout of gantries and reefers in EMX to give a real-time visual representation of your operation

Packet Power's simplicity and reliability is built upon a 20 year operating track record and hundreds of thousands of deployed monitoring units throughout the globe.

How It Works

Packet Power's gateways provide instant global data collection capabilities with LAN and cellular internet connectivity, flexibly supporting between 1 and 1,000s of individual monitoring points per gateway. This scalable solution easily adapts to meet the needs of applications of any size and is compatible across the global power grid (120/240/270V, single-phase/three-phase). The power meters automatically establish a fully secure, self-configuring wireless mesh network, enabling seamless communication between devices and the gateway to ensure complete and efficient monitoring of gantry units.