

Packet Power[®] Power Manager



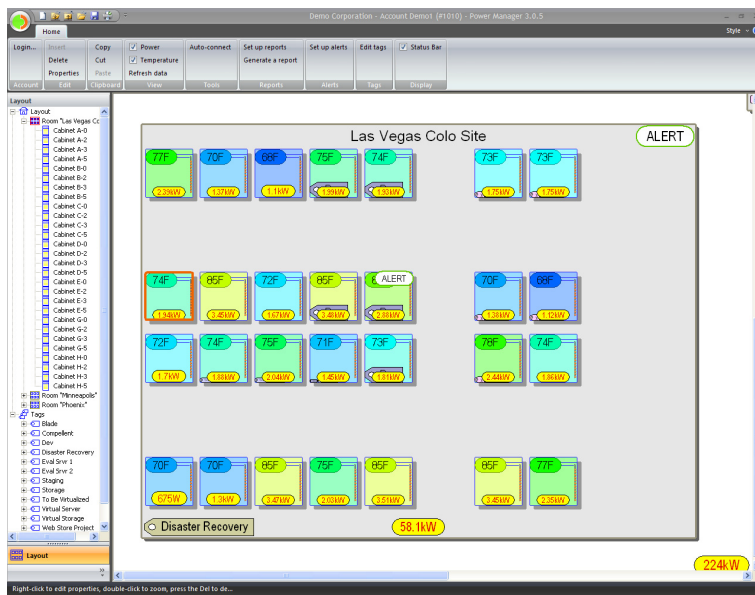
Introduction

Power Manager makes it easy for data center managers to use Packet Power's wireless power and environmental monitoring system to track and analyze detailed power and temperature information across time.

Overview

Data is gathered from up to thousands of Packet Power Smart Power Cables and Environment Nodes using Packet Power's advanced wireless mesh data network. Power Manager is used to position power and temperature measurement in the data center facility, depict current power and temperature readings, manage alerts and customize reports.

Power Manager can be used to monitor a single wiring closet or multiple full-scale data centers.



Key features

- Measures voltage, current, power, volt amps reactive, energy consumed, frequency, temperature and relative humidity
- Intuitive, easy-to-use interface
- Displays real-time power and heat maps of a facility
- Easily set power and temperature-based alerts
- Access data in Excel-based reports or via the Web
- Minimum need for IP addresses (only one per Gateway)



Summary

- Easiest way to get accurate data center power and temperature information
- Leverages wireless monitors and cloud-based data analysis service for rapid installation and minimal ongoing support requirements
- Designed to allow you to use whatever combination of circuit- and device-level monitoring best suits your needs
- Supports thousands of monitoring points across multiple data center facilities

Monitoring Components

- Capture true power usage in real time using advanced energy monitors embedded in "smart power cables"
- Measure multiple power parameters and temperature
- Many connector types
- 110 to 240V, 10 to 100A, fully certified
- Measure temperature at multiple points per cabinet
- Accurately track relative humidity
- Operate on AC or battery power
- Can be deployed at hundreds of points per data center
- Ethernet Gateway gathers data from hundreds of monitoring devices.
- Devices automatically form a self-configuring mesh
- Uses 900 Mhz frequency to meet unique challenges of data center environment
- Multiple security measures
- Meets FCC, EU and other government requirements

Smart Power Cables



Environmental Nodes



Wireless Data Network

