

# Data Center Management

## Results You Can Measure

Considering that a data center generally consumes 10 to 100 times more energy per square foot than the average office building, the need to effectively manage energy is critical. Yet data center personnel usually don't possess the comprehensive management tools needed to monitor and control energy. But IPS does.

Managing energy effectively can lead to widespread benefits, including utility savings of 40 percent or more; improved reliability; valuable asset reconfiguration; and even the delay of capital expenditures through enhanced utilization of existing resources.

Let IPS help you identify your data center's trouble spots — and provide optimal ongoing management.

## Knowledge is Power

Today's data center managers are faced with an ever-increasing list of challenges: facilities reaching operational capacity limits, power resources becoming increasingly strained, and energy costs continuing to skyrocket. It's never been more important to understand just how much power your operations are utilizing, and where you can improve efficiency.



Intelligent Power Solution (IPS) is uniquely qualified to provide you with the knowledge you need to implement measures that will enhance operations, increase efficiency and ultimately, bolster your bottom line. We can also help you achieve LEED certification and meet your green goals.

## Proactively Manage Your Data Center

With the expertise and resources required to identify poor power usage and proactively maximize efficiencies within your data center, IPS uses the latest and most innovative technology to uncover risks to your ongoing operations and determine strategies that will yield the greatest benefits. We deploy a variety of measures, including:

- **Equipment & Environmental Monitoring** — Using monitoring software to assess the overall health of your data center, IPS conducts in-depth trending analysis and provides monthly reports — often identifying and eliminating potential issues before they become a problem.
- **PUE (Power Usage Effectiveness) Analysis** — IPS will conduct a component-by-component analysis and help you formulate goals and measures for data center energy conservation.
- **Power Quality Audits** — We employ circuit tracing for all critical power-dedicated circuits from source to receptacle; accurate labeling for all circuits traced; and digital metering and trending to record and report key data.
- **Power Quality Analysis Metering** — IPS uses state-of-the-art technology to diagnose — and correct — a wide variety of power problems.



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*IPS: The Intelligent source for managing your data center.*