



A Solution for Managed Power Distribution

Employing technology for more accurate measurement of power consumption in the data center

Background

Faced with the need to increase efficiency as well as effectiveness, IT departments have recognized the benefits of selecting a data center co-location (co-lo) provider for their mission-critical equipment.

Power consumption is one of the hottest buttons in co-location today. To get the most from their investments, companies need to understand their power requirements: where it's coming from, how they use it and what it costs. This understanding will also keep them on the same page as their data center hosts. Data center operators typically charge co-lo customers for power usage based on antiquated procurement processes and assumptions. So without a good way to measure

actual power consumption, companies may be using less than 30 percent of the power for which they are being charged.

The Solution

INSYS Group and Telect, Inc. have partnered to deliver a world-class solution that accurately measures a company's individual power consumption in a co-lo data center in real-time, at the circuit level, leading to significant cost savings. The partnership combines INSYS Group's recognized IT and management consulting expertise with Telect's leading connectivity and power solutions, offering companies real-time power consumption measurement and management.

The INSYS /Telect solution gives operators the ability to manage their co-lo power requirements based on the actual power used by a network that has been configured for their business needs, as opposed to Manufacturers Maximum Configuration Models. This can reduce their MRCs for power by 40 percent or more.

In one recent engagement, the estimated cost savings from a distributed power solution was nearly \$10 million per year.

The Approach

Working with the client's IT team over a 6-to-12 week period, INSYS Group professionals:

- Evaluate the current co-lo environments and contracts
- Build the business case and ROI evaluation
- Plan and schedule to prepare for implementation
- Implement the power solution as a proof of concept

After a successful proof of concept roll-out, customers can either assume responsibility to plan and implement the power solution across additional co-los, or partner with INSYS Group to continue future power solution implementations.

For more information

If you would like to learn more about the INSYS/Telect solution, contact telect@insys.com.

Our Companies



INSYS Group is a full-service management and technology consulting firm wholly committed to our client's success. We approach each engagement as a partnership, based on the conviction that success depends on a mutual understanding of the client's systems complexities, and how they align with their business goals. We assist data center co-lo clients, from start to finish.

INSYS Group is a wholly-owned subsidiary of Luxoft Holding, Inc.

Telect

Since 1982, Telect has been an industry leader in broadband network connectivity, power and physical layer management. Telect's innovative product and solutions portfolio gives communications service providers and enterprise and data centers the ability to connect, power, monitor, store and manage broadband optical and wireless network equipment. At Telect, success begins and ends with you, our customer. Telect aims to provide you service and support that is second to none.