

## Ready To Reduce Your Data Center Energy Costs?



### HOW COOL ARE YOU?

- » Data center energy use doubled between 2000 and 2006, and another doubling is anticipated by 2012.
- » In many industries, data centers are the largest source of green house gas creation.
- » Government legislation may lead companies to require reporting on their carbon footprint.

Are you measuring your power efficiency? If not, you could be over-cooling your data center and driving up energy costs. The average data center is over-cooled and experts say these centers can gain a 30 percent improvement in infrastructure energy from improved airflow management.<sup>1</sup>

Archive Data Solutions offers practical, cost-effective cooling efficiency solutions, ranging from intelligent air flow distribution solutions to curtain or cabinet-based containment systems, which offer measurable ROI in as little as 12 to 18 months.

**CONTACT ONE OF OUR SALES SPECIALISTS TO SCHEDULE YOUR ON-SITE ASSESSMENT AND EVALUATION TODAY!**

CALL 800.899.4979  
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SHOP [www.archivedata.com](http://www.archivedata.com)

### INTELLIGENT AIRFLOW MANAGEMENT SOLUTIONS

Our Intelligent Airflow Solutions modulate air delivery based on real time feedback from networked temperature sensors or from Computational Fluid Dynamics studies that model the thermal dynamics of your data center's airflow. Networked, floor tile-based air movers and sensors optimize air delivery, minimize air mixing, and effectively remove hot air.

### CURTAIN CONTAINMENT SYSTEMS

Available in hardwall and softwall designs for above the rack and in between rows of racks, our curtain solutions meet most fire codes, isolate hotspots, and minimize the mixing of hot and cold air that dilutes data center cooling.

### CHIMNEY OR CABINET CONTAINMENT SYSTEMS

Using an innovative ducted approach that creates a zero-pressure environment between the chimney and the computer room air conditioner, our unity cooling solution optimizes cooling efficiency and effectiveness. Cabinet-based rear door heat exchangers remove heat from cabinet densities in excess of 30kW and are compatible with multiple server cabinet designs.

### WE'VE GOT I.T.

Archive Data Solutions offers a full array of data center products, including **power distribution**, **power protection**, **cable management**, and **monitoring devices** that help you maintain an efficient environment.



<sup>1</sup> Report to Congress on Server and Data Center Energy Efficiency, US Environmental Protection Agency, August 2007