



For Immediate Release

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[MEDIA RESOURCES](#)

Upsite Technologies Expands its Cabinet Recirculation Research to Demonstrate the Significant Impact of Blanking Panels on Data Center Energy Efficiency and Cost Savings

SANTA FE, NM, June 23, 2009—Upsite Technologies, Inc., leading developer of highly engineered airflow solutions for the data center, has added to its [HotLok® Blanking Panel](#) research with a recent study about the efficiencies and savings afforded by installing the award-winning HotLok Blanking Panel in IT server cabinets. The HotLok Blanking Panel took home the [best new product Gold award](#) in TechTarget's SearchDataCenter.com's infrastructure category for 2008, for its 99.97 percent effective seal of IT server cabinets.

The original HotLok Blanking Panel research has been expanded to include two financial impact studies in a white paper titled [Seal IT Equipment Cabinets for Significant Annual Cost Savings and Simple Payback in a Few Short Months](#). The paper examines real-life scenarios of two data centers of differing challenges and sizes to demonstrate how installing HotLok Blanking Panels can help data center managers achieve up to 29 percent reduction in annual operating costs and simple payback in a few short months. The paper is available to the public in the [Learn More/White Paper](#) section of [upsite.com](#).

The [first release of this study](#) included a two-dimensional Computational Fluid Dynamics (CFD) analysis, which compared the effect of different types of blanking panels on airflow patterns and IT equipment intake-air temperatures within server cabinets. HotLok Blanking Panels proved the highest effective seal to prevent the circulation of hot exhaust air to the IT equipment intakes. Competitor products, which leave gaps between panels and equipment, allow 19 percent hot exhaust air circulation, which can reduce the reliability of equipment and unnecessarily reduce the efficiency and capacity of cooling units, ultimately resulting in higher operating costs.

About Upsite Technologies

Upsite Technologies, Inc. develops award-winning, highly engineered airflow solutions for the data center to cool IT equipment more efficiently, increase reliability, save energy, and lower operating costs. Upsite is an ENERGY STAR Service and Product Provider Partner.

As the leading innovator of engineered sealing solutions, Upsite continues to develop products and services to enhance the extensive lines of KoldLok® and HotLok® products and Upsite® Services, data center optimization solutions.

Our solutions optimize thermal load capacity, increase equipment reliability, target hotspot remediation, reduce intermittent equipment failures, minimize bypass airflow, and diminish the capital and operating costs associated with installing additional cooling equipment.

Upsite's highly engineered solutions are employed by data centers worldwide to help reduce energy usage and costs, while increasing reliability. Upsite's products and services currently optimize more than 28 million ft² (2.6 million m²) of data center space. Visit [upsite.com](#) for more information.



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