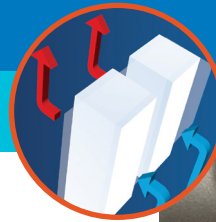


PRODUCT SOLUTIONS BRIEF
UPSITE TECHNOLOGIES

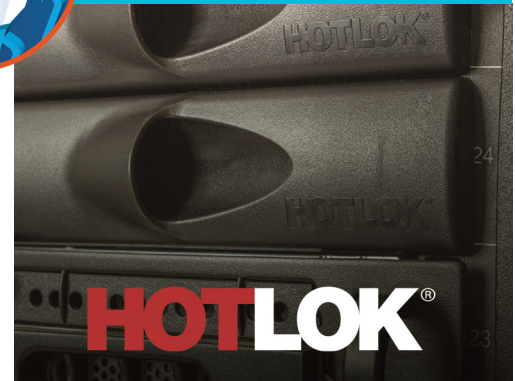
DATA CENTER THERMAL EFFICIENCY



Through our strong global partnerships and alliances with manufacturers such as Upsite Technologies, we are able to present you with the following offering to meet your specific data center requirements.

HotLok® Rack Airflow Management

Upsite Technologies' HotLok Products are designed to control airflow by effectively sealing openings in IT equipment cabinets to improve cooling effectiveness and efficiency. HotLok products can help reduce high intake temperatures (hotspots) by preventing hot exhaust air from circulating to the front of the IT cabinets. This improves IT equipment reliability and supports cooling infrastructure optimization.



CHALLENGE SOLVERS

- Increases usable cooling unit capacity, maximizing the effectiveness and efficiency of the cooling infrastructure
- Reduces hot spots and bypass airflow by preventing equipment exhaust air or hot aisle airflow from migrating to the conditioned air intake stream at the front of the cabinet
- Retains conditioned air in the cold aisle, recovering stranded capacity
- Enables cost savings through adjustments to cooling controls

THE ANIXTER APPROACH

Conditional Environmental Control

- **Supply pressure**
Reduce bypass airflow, providing even cooling of all IT equipment in the cabinet.
- **Airflow segregation**
Segregate airflow to and from the IT load by using techniques based on room design and cabinet power density.

THE UPSITE TECHNOLOGIES SOLUTION

RAISED FLOOR	RACK AND ROW	ROOM
KoldLok®	HotLok® AisleLok®	EnergyLok®

anixter.com/shopupsite



WHAT WE HEAR

Challenges from various data center stakeholders:



Cabinet densities are **INCREASING**



Operational **BUDGET CUTS** year on year



Lack of **AIRFLOW MANAGEMENT**



Overwhelming **DESIGN** considerations



Matching **COOLING** to IT load

Infrastructure as a Platform
by Anixter

Infrastructure as a Platform by Anixter provides an investigative methodology that uncovers gaps in your data center's thermal management strategy and helps you reclaim stranded capacity.

CONFIGURE

We help you discover and map your specific needs to the best solution.

- Opening location
- Opening size
- Equipment row layout
- Monitoring needs

BUNDLE

Your validated, preconfigured solutions are packaged and site ready.

- HotLok[®] rack airflow management
- AisleLok[®] aisle airflow management
- EnergyLok[®] environmental monitoring
- Cooling optimization services

DEPLOY

Controlled, repeatable solutions are delivered on time and under budget.

- Custom packaging and labeling
- Time-sensitive delivery options
- Staged project shipping
- Tailored last-mile delivery

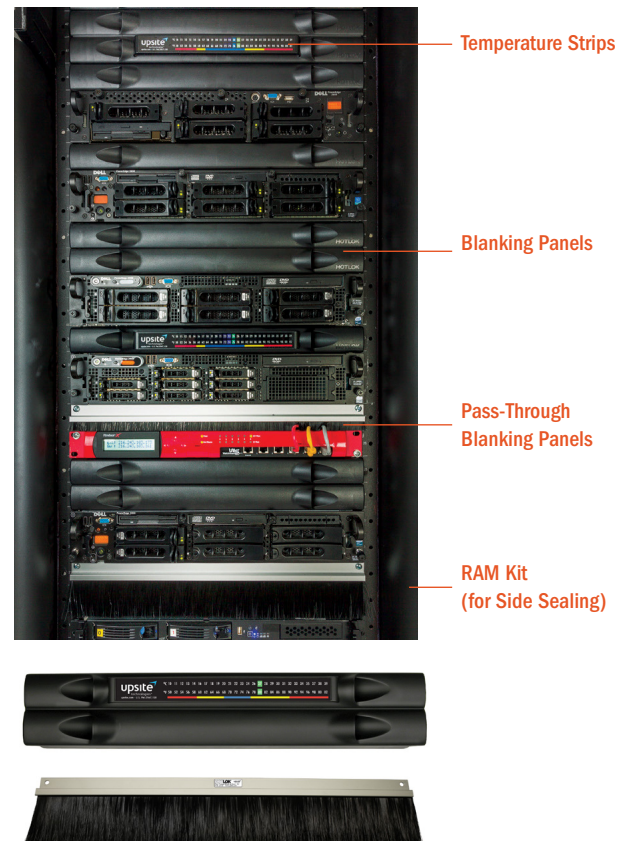
HOTLOK RACK AIRFLOW MANAGEMENT FEATURES

✓ DECREASES OPERATIONAL EXPENSES

- Reduces average server intake temperatures, which allows for more precise temperature control
- Better seals the rack, which allows for cooling set points to be increased
- Uses a tool-less design for a quick and easy installation

✓ IMPROVES AIRFLOW MANAGEMENT

- Reduces hot spots and bypass airflow
- Provides 29 percent better seal than other competitive solutions with cantilevered vanes
- Features optional built-in temperature strip for easy and accurate reading



> FOR MORE DETAILS VISIT ANIXTER.COM/SHOPUSITE

About Anixter: anixter.com/aboutus
Legal Statement: anixter.com/legalstatement

For over 30 years, Anixter has been the leading global, value-added distributor of physical layer communication infrastructure solutions for office, building and campus environments. As experts in large-scale project execution, we are a trusted supplier to leading communication integrator companies and have worked with many Fortune 500 companies.

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