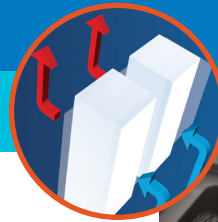


PRODUCT SOLUTIONS BRIEF
UPSITE TECHNOLOGIES

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.

KoldLok® Raised Floor Airflow Management

Upsite Technologies KoldLok brush grommets are the industry standard for sealing Raised-Floor openings. On average, 48 percent of the open area in a raised floor is wasting valuable conditioned air. Known as bypass airflow, this lost air contributes to IT equipment hotspots, cooling unit inefficiencies, and increasing infrastructure costs. KoldLok Products specifically address bypass airflow and its detrimental effects on data center cooling.



CHALLENGE SOLVERS

- Complies with best practices for all raised floor cooling configurations
- Increases under-floor static pressure and cool air delivery through perforated tiles and grates
- Recovers stranded cooling unit capacity
- Provides greater IT equipment density per cabinet.
- Enables cost savings through adjustments to cooling controls

THE ANIXTER APPROACH

Conditional Environmental Control

- **Supply pressure**
 Directs conditioned air to supply tiles, providing more cooling where it is needed at the cabinet.
- **Airflow segregation**
 By segregating airflow to and from the IT load cooling controls adjustments can be made to increase capacity and reduce operating costs.

THE UPSITE TECHNOLOGIES SOLUTION

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

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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.

- Surface opening type
- Surface opening dimensions
- New or existing raised floor application
- Grommet type

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

KOLDLOK RAISED FLOOR AIRFLOW MANAGEMENT FEATURES

✓ DECREASES OPERATIONAL EXPENSES

- Increases static pressure
- Increases existing cooling unit capacity
- Reduces the need for additional cooling units

✓ IMPROVES AIRFLOW MANAGEMENT

- Improves cool air delivery through perforated tiles
- Features brushes and sealing membranes that automatically seal around cable penetrations
- Comes in a range of different sizes and shapes



> FOR MORE DETAILS VISIT ANIXTER.COM/SHOPUPSITE

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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