

Best Demonstrated Practices to Protect Your Data Center

The top 10 things you can do to protect and improve your data center

1	Consistent Data Center Cleaning Perform subfloor cleaning annually, quarterly cleaning of equipment surfaces and the raised floor.	✓
2	Encapsulate the Subfloor Encapsulate the subfloor deck to prevent oxidization of your concrete subfloor.	✓
3	Utilize Contamination Control Sticky Mats Utilize sticky mats at every entrance point into the data center to reduce contamination.	✓
4	Restrict Paper and Boxes in the Data Center Restrict the storage of paper and boxes inside the data center to reduce contamination.	✓
5	Limit Traffic in the Data Center Limit traffic in the data center, and enforce subfloor work procedures for contractors.	✓
6	Regular Replacement of Air Filters Replace HVAC system filters as recommended by the manufacturer.	✓
7	Seal Holes in the Subfloor Firewall Close holes in the subfloor firewall to prevent depressurization and contamination.	✓
8	Seal Holes in the Raised Floor & Server Racks Seal cabling holes in the raised floor and open slots in cabinets to reduce bypass air flow and improve inlet air temperatures across your server racks.	✓
9	Utilize Directional Airflow Panels Replace standard perforated floor tiles with directional airflow panels and dampers to improve inlet temperatures across your server racks.	✓
10	Utilize Cold or Hot Aisle Containment Utilize cold or hot aisle enclosures to eliminate bypass air flow and to significantly improve cooling efficiency.	✓

The right choice for preventing data center downtime