

Introduction to Hot Access Areas in Computer Rooms

Learn how Data Center HVAC Systems work using cold and hot aisle strategies and air cooled versus liquid cooled IT equipment racks.

See what hot desking is, how it supports flexible work, why it's popular, strategies for implementing hot desking right, and more.

Implementing hot aisle containment (HAC) within data centers is a robust approach to airflow management, ensuring the efficient redirection of hot air from server racks towards cooling ...

A combination of raised flooring and computer room air conditioner (CRAC) or computer room air handler (CRAH) infrastructure are employed in traditional data center cooling approaches.

A good hot desking space should provide easier access for essential amenities like reliable internet service, comfortable ...

the coolest air temperatures in the data center are found in the cold aisle. Hot aisles are formed by the space between two rows of back to back racks where the hot exhaust air from both racks is directed ...

In this guide, the importance of airtightness in raised floor design will be explained in detail. Real-world challenges will be discussed. Solutions--developed over years of field experience--will be shared.

The Server Room is the heart of the data center, housing critical IT equipment such as servers, storage systems, and networking devices. This area is climate-controlled and equipped with ...

When it is done right, a hot desk workspace model can improve employee productivity, satisfaction, and innovation. Here, we dive into what hot ...

Efficient cooling is essential to protect equipment, minimize downtime, and reduce energy costs in server rooms. This article outlines practical, evidence-based cooling best practices tailored ...

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Curious about hot desking but unsure where to start? This guide unveils the key strategies and tips to transform your hot desking experience.

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Hot aisle/cold aisle layout can still be used in server rooms without raised floors: distinct hot and cold aisles can be created by rearranging server rack locations and then reconfiguring the ductwork ...

To keep the whole computer room cool, technicians advocate turning the area above racks into a hot air plenum by placing ducts and more CRAC units. Hot air escapes into the plenum to be pushed back ...

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This guide provides an overview of best practices for energy-efficient data center design which spans the categories of information technology (IT) systems and their environmental conditions, data center ...

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