

# THE MOST CRITICAL DECISION YOU'LL FACE WHEN BUILDING A DATA CENTER

The first and most critical decision for the life, quality, and success of a data center is:

*...How you plan to distribute the air, piping, power, and cables throughout the building.*

Why is this so important?

Your needs will constantly be measured and changing which will affect the sustainability, efficiency and effectiveness of your entire operation.

Your decision regarding the distribution of your electrical and mechanical services will leave you with one of two outcomes:

A data center that presents you with a number of on-going challenges that compromise its efficiency, effectiveness and longevity...

or...

...a Lifelong Building System...A system that equips you with an effective air, piping, power and cable distribution solution that not only addresses "Day One" needs but provides flexibility for the unknown future needs as well.

## The True Measure of a Successful Data Center

In two words...**functionality and sustainability.**

There are few items that will have a greater impact on the efficiency and effectiveness of your data center than the method you choose to distribute the electrical and mechanical services.

Your decision will have many ramifications such as...

- the effects of the distribution method on related issues such as quantity of and kW density of cabinets, effective and efficient cooling of ALL the IT hardware regardless of air, liquid or combination of both, type and size of cooling equipment selected, and the effective redundancy of that equipment.
- the ease, efficiency, and effectiveness of the piping, power and cable distribution methodology without impeding airflow.
- the adaptability to move, add, and make changes in IT equipment as they relate to air, liquid cooling options, power, and cable.
- the effects of the distribution method on CAPX, OPEX and its impact on competitiveness, revenues and margins.

It's critical to have a crystal-clear understanding of how the service distribution solution you ultimately choose will impact the adaptability and functionality of your data center.

This is an extremely important time in the design process.

The Interstitial air, pipe and wire distribution methodology positions you for operational longevity, sustainability and efficiency.

**NEXT STEP:** Contact us and let's discuss your needs and HOW we can save you time and money with our unique data center air, pipe and wire distribution system.



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