

THE SHORT ANSWER: DATA MUST MOVE OR YOU DON'T HAVE A DATA CENTER.

THE LONGER ANSWER:

Moving data is what enables your data center to serve your customers' needs in the first place. Efficiently and effectively transporting data from the point of demarcation to your center's servers, processors and storage facilities and back out to your center's customers is the reason your center exists. And it doesn't matter whether your data center is 500 or 50,000 square feet in size, moving data through your cabling infrastructure is central to your efficient, effective operation.

As technology has changed and processing speeds have increased, the demands on your center's structured cabling have increased. And as the amount of data your center must handle has multiplied, so have the demands on your cabling infrastructure multiplied.

Five years ago category 3 and 5 copper could handle the work. Today it is category 6 / 7 copper and up to 10 gig fiber. What will be the demands five years from now? 40 gig fiber? 50? 100?

Most data center managers realize that their data centers are probably "behind the curve" the day the center opens.

Realizing this, today's best practices demand that data center managers be future oriented; planning for the next set of demands and what will be required of them five years down the road.

As customer expectations change, the performance requirements of your cabling infrastructure must keep pace. What's the solution? Your cabling infrastructure provider must work with you to anticipate future demands and the appropriate cabling design to accommodate those demands.

An appropriate cabling design will take into consideration current and future cooling and energy requirements. It will take into consideration the density of the equipment the data center must handle and how cabling can be upgraded down the road. It will anticipate updated cabinet design to accommodate higher densities.

In all, properly designed, installed, labeled, tested and documented cabling infrastructure is a critical first step in ensuring that any data center continues to move data effectively and efficiently 24/7 today and five years from now.



**For more information, or to get in touch with our account executives,
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