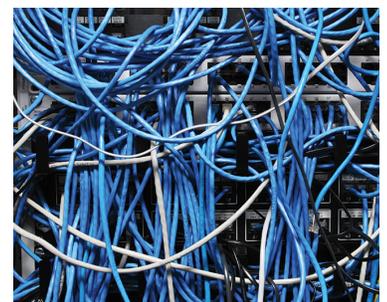




Providing a Future-Ready Network While Addressing Organizational Issues



**Interconnection and Data Center Company:
Rocky Mountains, United States**

Background

- Multitenant data center (MTDC) with operations in more than 20 locations across eight North American markets.
- The existing network included a carrier meet-me room, which connected to a main distribution area (MDA) where cross connections occurred. From there, connections were delivered to the customer cage.



Challenge

Decision makers were looking for a better way to organize their network. In the MDA, many of the jumpers (also referred to as patch cords) were longer than the required distance, which was not only an eyesore, but also became a safety risk. The disorganized cables also made moves, adds, and changes (MACs) difficult, requiring too much time to identify connections and increasing the risk of accidental disconnection. Because of the overall appearance and disorder, the company was not even comfortable giving tours to current and potential customers.

Meeting the End Users' Needs

- Improved network organization and ease of future MACs.
- Aesthetically pleasing design and components to reassure current and attract new potential customers.
- Scalable network capable of addressing both current and future requirements.
- Simple and intuitive inventory management.

Solution

The MTDC selected a Corning solution, including optical cable, hardware, and connectivity products. The Corning enhanced management frame (EMF) offers an integrated, modular design that allows for growth and expansion of the network one frame, module, or fiber termination at a time. With features such as a single jumper length, inbay jumper storage, and multiple interbay routing, the EMF helped the company address its cable management issues.

The MTDC also used Corning's Jumper in a Box (a packaging solution that contains up to 70 jumpers, in lengths up to 20 meters), based on the customer's specific requirements. Corning's self-tracking inventory system also delivers simplified inventory management, decreases the risk of running out of stocked jumpers, and facilitates easy recognition for reorder.

By ordering the specific jumper lengths needed, the company was able to decrease clutter and clean up its interconnection room. This allowed it to open up the facility for current and potential customers to tour. Organizing jumper routing also has the potential to make a significant difference, yielding up to 30% cost savings.

With Corning, the MTDC was able to deploy a reliable and organized network, meeting their requirements both during and after installation. The deployment was so successful, the Corning solution became the standard in several other locations.

 **See What's Possible in Your Network**

CORNING

Corning Optical Communications LLC • 4200 Corning Place • Charlotte, NC 28216 USA
800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • www.corning.com/opcomm

Corning Optical Communications reserves the right to improve, enhance, and modify the features and specifications of Corning Optical Communications products without prior notification. A complete listing of the trademarks of Corning Optical Communications is available at www.corning.com/opcomm/trademarks. All other trademarks are the properties of their respective owners. Corning Optical Communications is ISO 9001 certified. © 2019, 2024 Corning Optical Communications. All rights reserved. LAN-2424-AEN / June 2024