



Case Study: DHL International Ltd.

The Challenge

As part of their global strategy, DHL, one of the world's foremost shipping companies, needed to design and build a new Data Center in Prague, Czech Republic. The project was to be one of the largest of its kind – 450,000 square feet with 150,000 square feet of raised floor data center space.

The IES Solution

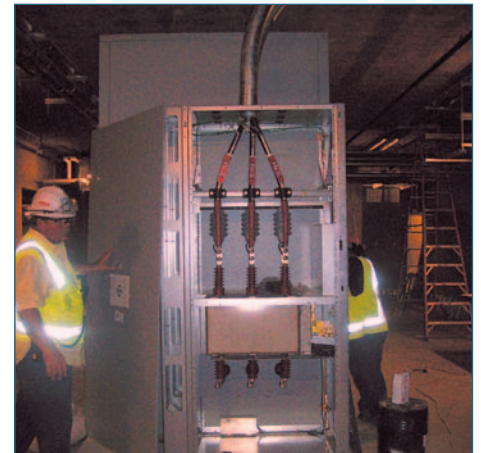
In the pre-design phase, IES worked with DHL's network team to collect requirements and assist with budgeting, scheduling and planning. Once under way, IES worked with DHL to design an under-floor cable pathway for fiber and copper connections to support the cabling infrastructure in the data center and administrative space. As space was very limited, IES designed deep telco racks back-to-back to maximize available space and number of cable terminations. Due to the limited space allocated, a Systimax cable plant was designed for the building, implementing the visi-patch system for copper.

During the build phase, IES also provided consultative services. This phase of the project needed to be completed within three months. To meet the nearly \$10 million infrastructure support and cabling infrastructure scope, IES engaged all three of the country's largest cable contractors. Since DHL's specifications and Systimax's recommended installation practices utilized new technology, it was also necessary for IES training and QA teams to educate the local contractors' fiber teams in the technique of polishing fiber, as they had only previously used pre-terminated fiber in the field environment.

The Rewarding Results

The project was completed on-time and was an unqualified success. IES deployed three shifts to train, manage and quality test work crews on-site, 24 hours a day, every day for the duration of the project.

The job was completed with no failures upon implementation, and IES continues to provide project and service support for DHL sites and projects.



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