



consulting

CASE STUDY

TIGHT TIMELINES AND NEW CONSTRUCTION REQUIRED A TRUSTED PARTNER TO DEPLOY A COMPLEX DATA CENTER NETWORK INFRASTRUCTURE SOLUTION

The new construction of a high-profile culture and arts complex in New York required a trusted partner with the expertise and experience needed to juggle multiple vendors and deploy a complex network infrastructure solution on a tight timeline. Judge Consulting was selected to provide the rack, stack, patching, and labeling for the Main Distribution Frame (MDF) and seven Intermediate Distribution Frames (IDFs).

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THE CHALLENGE:

With New Construction Underway, Deployment of Data Center Network Infrastructure for a Complex Project Was Already Behind Schedule

The client was tasked with delivering the network infrastructure for the data center required to support a massive, high-profile new construction project for an innovative culture and arts space with flexible infrastructure and operational capabilities on New York's west side. With construction underway, technology deployment was behind schedule prior to kickoff. The project, already delayed, required precise coordination to deploy the network infrastructure, which included configuring the MDF and seven IDFs with proper rack placement, stacking, patching, and labeling. A successful partner would need to quickly assemble a team of engineers capable of rapidly adapting and staying agile in the fluid, unpredictable environment of a new construction already behind on timelines. Additionally, the team needed expertise across a range of networking technologies and diverse equipment, including servers, Cisco, and Arista network devices.



THE SOLUTION:

A Reliable Team of Experienced Engineers and Project Management for Tight Timeline

The ideal provider needed to coordinate with multiple technology partners, trades, and other vendors, providing the integration required to ensure a successful deployment. The client turned to Judge Consulting, confident in the team's ability to quickly grasp the complexities of the technology, timeline, and overall goals of the project. Judge assembled a highly skilled team of engineers with the experience needed to complete the necessary tasks in the short time frame available.

Judge's solution included a team of L1 and L2 engineers, as well as the project management and oversight required to deploy the solution effectively. The team quickly met with project owners and team leads for an initial walk through and to establish an agreed-upon standard patching convention. These guidelines were strictly followed throughout the project and included the use of gray copper patch cables, yellow single mode fiber patch cables, and aqua multi-mode fiber patch cables.



 **THE RESULT:**
Experience, Expertise, and Solid Project Management Allow Judge Consulting to Meet Critical Project Deadlines

The Judge Consulting team quickly aligned with the necessary partners to ensure seamless integration of the solution. Judge's project management team documented and regularly communicated the progress of the build out to ensure timelines were met. In under four months, the Judge team was able to build out, patch, and label all incoming and outgoing connections at the MDF and each of the seven IDF's and turn up all network equipment required for deployment. In addition to completion of the work, Judge provided documentation to coordinate with other technology vendors and accommodate future management of the network infrastructure. Documentation provided by Judge included photos and details of all cable management and patching across the project. Judge provided extensive documentation for any discrepancies from the agreed upon standard patching convention or notable aspects of the patching, switching, and cabling performed by other vendors or equipment.

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