


Lucent Technologies, Naperville, Illinois

Challenge:

Lucent Technologies, with more than 100,000 employees, has firmly established itself as a leader in networking applications and is one of the premier entities within the IT world. A display of technology at its most impressive, Lucent's newest research and design centers in the neighboring techno-communities of Naperville and Lisle, Illinois (west of Chicago) comprise six buildings housing 20 telecommunications closets. Each of the two campuses has more than 650,000 square feet of space and contains nearly 5,000 workstations. With such a massive undertaking, harnessing all the technology (and all of the cable management) proved daunting. Installation of the network while all the other massive construction was underway was not a preferred option.

Solution:

Using existing CAD drawings from the architects, project designers planned the complete network infrastructure using CPI open mounting systems and cable management products from the outset. Rather than become an obstruction to the other construction projects going on, more than 400 CPI rack systems were pre-assembled off-site and then transported directly to the closets. Thanks to the easy assembly and construction integrity of CPI's mounting systems, squaring up the racks after they were delivered to each site proved a simple task. From an installer's point of view, the CPI system was perfectly suited for this data-intensive application because it was easy to install, it supported the widest variety of hardware and cabling, and it adapts easily to changing environments. 



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