

## Community College

### CHALLENGE

A community college in Austin, Texas approached Data Canopy with their infrastructure challenges. The college had outdated hardware on their campus that needed to be replaced, were unable to access highspeed, cost-effective bandwidth on site and could not provide proper power circuits to their resource intensive IBM gear. The college was also in need of a robust disaster recovery solution.

### SOLUTION

Data Canopy worked with the college's MSP partner to develop the recommendations for the college's infrastructure and data center requirements. Data Canopy recommended that the college deploy a 10-cabinet private cage with dual factor authentication, a minimum of the following certifications PCI, HIPAA, FISMA, SOC and ISO27001. Additionally, the data center should offer 99.999% uptime on power and network and 24/7/365 physical security. We also recommended three phase power whips in the cabinet to provide up to 25kW of power in the IBM cabinet.

### SOLUTION (CONT.)

With this recommendation, we enabled them to fully support their IBM equipment. To ensure the college was able to meet their fully redundant DR environment (physical to physical) requirements, we recommended the college have a secondary data center site with the equivalent infrastructure of their primary data center location. Additionally, the MSP partner and Data Canopy recommended 40Gbps between both the primary and DR site to ensure that the college has high-speed, cost effective connectivity with maximum protection for their data.

### RESULT

The college accepted our recommendations and as a result, the college has a truly redundant data center solution that delivers high-speed data transfer and high-density power capacity that is physically compliant with required regulations. With this solutions, the college has the peace of mind to know that their data center has the power and network to meet their needs and that this solution can scale as their needs grow within their current environment.