

DP Facilities South LLC Mineral Gap Data Center

Wise, Virginia

CCG provided overall planning and MEP engineering and commissioning services for DP Facilities South’s new Mineral Gap data center. This Tier III data center is a secure, multi-user facility developed at the Lonesome Pine Technology Park located in Wise, Virginia. Initial users include confidential government agencies.

The full build-out will consist of six data hall units and a common services area, for a total constructed area of approximately 65,000 square feet. A phased implementation was incorporated into the facility design.

The current phase construction includes general site work, two fully fit-out data hall units and a third shell-only unit. Construction of the common services area, including offices associated with users, and any site infrastructure elements necessary to support the construction of future data center units was also completed.

The site and facility are designed to meet stringent US government AT/FP standards.

CCG engineered the critical mechanical and electrical systems, as well as the lighting, security, life safety and data communications systems serving the data center. In addition, CCG provided comprehensive infrastructure commissioning services to demonstrate infrastructure system performance.

Key Metrics
Tier III Uptime Institute Certified
65,000 SF
6 Data Halls
N+N Electrical Redundancy
N+1 Mechanical Redundancy

