

KANNAPOLIS, N.C.

465 CHARLES BABBAGE LN

Our Kannapolis data center is the only purpose-built data center in the region.

The 50,000-square-foot facility was engineered to provide the highest levels of availability, features the latest in security technology and is designed to withstand a Category 3 hurricane. Like all of our data centers, it has its own network operations center that is staffed 24x7x365.

QUICK FACTS

- 45,216 sq. ft. data center floor footprint
- 2.4 MW power capacity
- 100% uptime SLA
- 2 N+1 Cooling Redundancy
- Multi-layer security access
- 24x7x365 Network Operations Center

FACILITY

- 50,000 sq. ft. of data center facility
- Cat 3 Hurricane rating
- Overhead power via bus bar and data runs via basket tray
- Loading dock with Overhead door for easy delivery
- Customizable Cages, full cabinets, and 1/2 cabinets
- BYOC option available

SECURITY

- 24x7x365 Security Cameras throughout facility
- Kevlar lined exterior walls for additional security
- Man Trap doors to access data center
- Multiple layers of security to include but not limited to check in, dual authentication access, and biometric scanners
- Standard cabinet locks
- Optional keypad or card access locks



NOC AND FACILITIES

- On-site staff monitors all cameras, access doors, and badge access areas
- 24x7x365 customer access via NOC escort
- Break room available
- Access to conference room if needed
- Staffed 24/7

POWER & COOLING

- Redundant UPS Systems provide temporary power while being switched to generators
- Redundant A/B Transformers
- 2N Generators owned and managed by Segra
- Exterior wall of generator yard is Cat 3 hurricane-rated
- N+1 cooling system
- Hot/cold aisle configuration
- 100% power SLA

NETWORK & CONNECTIVITY

- Diverse fiber PoE feeds
- Carrier hotel connectivity
- 100Gbps network backbone
- Carrier neutral
- Multi-cloud exchange access to AWS and Azure
- Hybrid and Multi-cloud solutions

FIRE SUPPRESSANT

- Kiddie FM 200 system
- Redundant FACP Panels
- 223 active smoke detectors
- Large monitors that show visually each individual smoke detector
- Dual Redundant
- Water sprinkler system as a backup