

Winston-Salem, NC Data Center Specifications

Environmental Space



- Owner occupied, stand alone facility housing data center
- Expansion capacity in excess of 20,000 square feet
- Available individual locking cabinets and/or customer cages
- Work area recovery space and numerous private conference rooms and war rooms available

Physical Security



- Monitored 7/24/365 by Network Operations Center (NOC) staff using multiple (35) exterior and interior video camera
- NOC staff ability to immediately turn off any card access at any time
- Badge verification for both ingress and egress of data center areas, including building, underground bunkered data center and data center pre-staging area
- Ingress to the data center requires biometric hand topography verification

Fire Detection and Suppression



- FM 200 fire suppression system tested and certified semi-annually
- Backup dual pre-action dry pipe system

Power Infrastructure



- Redundant Liebert and Powerware UPS systems
- Generator run and tested weekly, with quarterly full-load test
- Redundant "A" and "B" power feeds provided to equipment as specified by customer
- On-site dedicated Duke Energy substation is dual fed by different power feeds

Environmental Design



- 18 feet below ground bunkered concrete, surrounded by 18-in. concrete lead lined wall
- Fully monitored for temperature, humidity, and water penetration
- All environmental (HVAC) equipment is monitored for functionality and alarms
- Liebert HVAC units for a total of at least 145 tons of cooling capacity, backed by redundant 120 ton system

Telecommunications Network



- Telecom Carrier Hotel which provides connectivity to virtually all major fiber networks both nationally and regionally

Network Operations Center



- Services provided by certified engineers including tape rotation, reboot, and remote hands