



Designed, disciplined and process-managed business colocation and cloud services

SIZE

- **Total building:** Approximately 50,000 sq. ft.
- **Raised floor:** Approximately 30,000 sq. ft. of 36" raised floor, clear ceiling height 12'
- **Expansion:** Future expansion can increase total building to approximately 80,000 sq. ft. and the raised floor to approximately 50,000 sq. ft.
- **Features:** Loading dock space and secure mechanical area

POWER-SIZE & TYPE

- **Total power:** 4.8 Megawatts (fully redundant for a total of 9.6 mW) at full build-out
- **Generator:** PowerSecure implemented in redundant quad 600 kW sets (2N + configuration). Each quad set is capable of 2.4 mW.
- **UPS:** Mitsubishi, implemented in redundant pairs (A & B configuration)
- **Main switch gear:** Packaged Square D by PowerSecure. Implemented in a redundant pair (2N + configuration)
- **2N-Redunancy:** All power is implemented in at least a 2N configuration and designed for continuous maintainability.

COOLING-SIZE & TYPE

- **Equipment manufacturer:** Stulz air handlers (CRAHs) and Trane air cooled chillers
- **Cooling capacity of chillers:** At full build out of the current building, 1,300 tons of cooling in an N+1 configuration. Any future expansion will add the necessary cooling capacity to serve the expansion.

SECURITY

- **Hardening:** Purpose-built facility designed to withstand Category 3 hurricanes with winds up to 160 mph. The raised floor data center does not touch any outside wall. The building is surrounded by 6" diameter by 4' high steel and concrete bollards and a traffic rated wall along the front of the building to prevent vehicle penetration.
- **Access:** By escort only, as authorized by customer-defined access control list. Doors are secured with proximity card readers, which are augmented to require either a pin code or biometric validation.
- **Man traps:** Between the outside building perimeter and the data center floor there are six doors that require a proximity card. Three also require an iris scan.
- **Biometric:** Dual iris scanning biometrics used to augment proximity card security at multiple points within the facility.
- **Surveillance:** Numerous cameras that monitor all activities on both the exterior and interior of the building. All security cameras are continually monitored via our 24x7 Network Operations Center, and recorded data is kept for a minimum of 90 days.
- **Generator / equipment yard:** Surrounded by reinforced concrete wall, 18' in height
- **Fire protection:** Redundant pre-action dry pipe sprinkler system

CARRIER HOTEL

- **Carriers:** Dedicated points of presence with:
 - Windstream, Level3, TW Telecom, CenturyLink, Time Warner Cable
 - Future dedicated points of presence with: Verizon, AT&T and DukeNet
 - Carrier hotel built to accommodate several additional carriers
- **Bandwidth:** Provided via a minimum of 4 carriers using BGP