

CHARLOTTE DATA CENTER



GENERAL

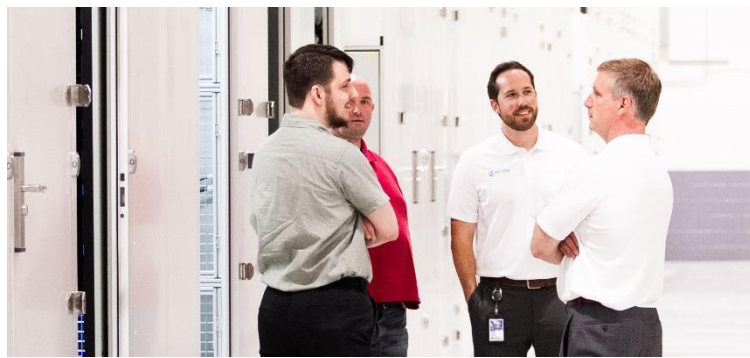
Renovation	Completed 2019
Campus	21.25 acres
Total Building SF	165,000 sq. ft.
Total Data Hall SF	120,000 sq.ft. / up to 60MW
Building Construction	72" thick Concrete slab-on-grade and Structured Steel
Structure Rating	Data Hall FM-120; Office FM-90 ASCE/SEI 7 occupancy category IV
Loading Dock	3 Dock Bays, 5 Drive-in Bays
Office Space	Dedicated: Available for rent Shared: Conference rooms and drop-in office space
Storage Space	Available for rent
Access	24 x 7 x 365
PUE	Guaranteed 1.15 at all utilization rates
Design	Tier III Facility ¹
Reliability SLA	100% Uptime SLA

TELECOMMUNICATIONS

Telco Duct Banks	Two diverse conduit entrances
Carrier Neutral	Multiple carrier providers
Carriers In/Available	AT&T, CenturyLink/Level(3), Cogent, Conterra, Continuum, Segra, Spectrum, Telia, Windstream, Zayo
Meet-Me Rooms	Two diverse-entry MMRs
Exchange Access	NoVA, ATL & CLT Internet Exchanges
Public Cloud	AWS, Azure, Google, & IBM on-ramps

POWER

Utility Power	Duke Energy Heavy Power Substation on premise, Green/Renewable Power
Available Power	Initial Build: 3 MW Full Build: 60 MW
UPS	2N or N+1 supported, Concurrently maintainable
Generators	2N Power Block redundancy
Distribution	Redundant A+B distribution systems to each Cabinet/POD
Power Metering	Revenue-grade, real-time metering available to rack/POD



CLT-1 Data Center

GIGA Data Centers converted the former Dale Earnhardt Motorsports building into a data center fully compliant to Tier III¹ standards. Located just north of downtown Charlotte at 1035 Mecklenburg Hwy in Mooresville, NC, our newest data center has a Heavy Power Distribution Substation located on premises, and is directly connected to two Duke Energy power generation plants (Nuclear & Hydro) on Lake Norman, ensuring high capacity access to North Carolina's highest availability network and plentiful green and renewable energy. A carrier-neutral facility, access to several major long-haul fiber carriers and their MPLS networks is delivered through diverse route entry into dual Meet-Me rooms.

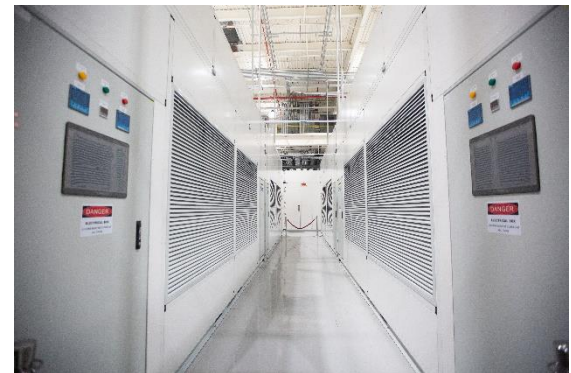
WindChill™ Modular Enclosure Provides Best Efficiency

- High efficiency with PUE of 1.15 guaranteed, through our proprietary adiabatic cooling with hot & cold aisle containment
- Each rack cabinet bay is customizable to support power & cooling from 4kW to 50kW per 52U Rack
- Dual-path (A+B) Redundant Power Distribution for Concurrent Maintenance
- Dual Redundant Environmental Controls
- 2N High Efficiency UPS & Power Systems
- 2N Backup Power Generator Sets
- 2N, 2N+1, and N+1 configuration support is available



Security and Access Control

- 24x7x365 Security Guard monitoring of all premises
- Multiple Layers of Physical Security
 1. Security fencing surrounds site and two entrance gates
 2. Three-factor authentication with biometrics required to access Data Hall, two-factor to access each WindChill Enclosure. Every customer has a private suite experience as standard.
 3. Security badge, combination lock or keyed locks to access individual rack cabinets
- Security cameras positioned outside and throughout interior of site provide complete monitoring of all doorways, entrance and egress points
- Lightning protection & perimeter grounding system installed
- VESDA Fire Detection system with Triple Interlock sprinkler system



Standards Compliance

- SOC 2 Type II compliance, including HIPAA and PCI DSS 3.1
- Only data center in North America to be OCP-Ready™ per Open Compute Project

Economic Incentives

- Sales and Use Tax Exemption on all equipment through 2028, including on Electricity

1. "Tier III" and the Tier Classification System are copyrights owned by the Uptime Institute, LLC

