

## Data Center

# CHARLOTTE 4

TierPoint helps your organization manage risk, drive performance and improve agility. Our state-of-the-art facility, one of seven in the state of North Carolina, is part of a nationwide network of data centers that share our commitment to:

### 1. Carrier Neutrality and Redundancy

By having many on-net carriers and by supporting cross connects to other carriers, you get access to the Internet bandwidth and connectivity services of your choice.

### 2. Security and Compliance

Equally important is a company-wide emphasis on security and compliance including the establishment of a national office to define and deploy best practices to serve client needs.

### 3. Responsiveness and Expertise

All of our data centers are supported by people who are passionate about client success, responsive to unique client requirements and who have the technical expertise and desire to help clients achieve their business goals.

## DATA CENTER HIGHLIGHTS

- One of four TierPoint data centers in Charlotte, and seven in North Carolina
- 75,000 sq. ft. of raised floor space across four data centers on campus
- Operating in Charlotte since 2003
- Dark fiber ring between Charlotte facilities
- More than 15 on-net carriers
- 100% uptime SLA
- Charlotte airport power grid (region's #2 priority grid)
- Flexible cloud configurations (private, multitenant and hybrid) includes products from EMC, NetApp, HP, Cisco and F5
- Customer work spaces and DR seating available

**The Charlotte 4 data center is a safe, secure facility audited under HIPAA, PCI DSS, SSAE-I6 SOC I Type II, SOC 2 Type II and SOC 3 standards annually.**

# Charlotte 4 Data Center Specifications

## Facility

- 40,000 sq. ft. data center/office building
- 10,830 sq.ft raised floor data center
- 36-in. raised floor rated to support 1,200 lbs. per sq. ft.
- Masonry and steel construction plus hurricane-rated roof and walls

## Security

- 24-hour on-site security staff monitors all cameras, door positions and badge access areas
- Lightning protection throughout the perimeter, rooftop, and electrical and mechanical support infrastructure
- No external signs or branded advertising of facility location
- Redundant off-site monitoring of all security systems
- Badge and biometric scan required for entrance into data center: Biometric hand scanner verifies individual's unique hand geometry and heat signature before allowing entry

## Power

- 2N power design
- Each customer cabinet served by redundant A-Side/B-Side power feeds
- Two 2.25MW Kohler backup generators with two 3,900-gallon fuel tanks
- Four Toshiba G9000 750kVA UPS units with true 2N critical redundancy within the electrical system
- 900kW of UPS critical load capacity

## Network

- Carrier neutral, high availability and resilient Internet connectivity
- Multiple diverse feeds to each from separate paths to the building
- TierPoint provided, redundant IP bandwidth available with 10GB connectivity
- TierPoint provided cross connections of standard media types to connect customers to the carrier of their choice

## Connectivity

### On-Net Carriers

- AT&T
- DukeNet
- Level 3
- Time Warner Cable
- TW Telecom
- XO Communications
- Windstream

## LEARN MORE

Find out how TierPoint can help you with your cloud, colocation and managed services initiatives.

Call: **844.267.3687**

E-mail: [sales@tierpoint.com](mailto:sales@tierpoint.com)

Visit: [tierpoint.com](http://tierpoint.com)



## ABOUT TIERPOINT

TierPoint is a leading national provider of hybrid IT services that help clients improve response times, drive performance and manage risk. The company offers state-of-the-art cloud, colocation and managed services, backed by 39 highly-redundant, carrier-neutral data centers in 20 markets coast to coast.