



Atlanta-Metro Data Center

ATLANTA, GEORGIA

QUICK FACTS

- 970,000 sq. ft. data center complete with diverse fed utilities, redundant power systems and advanced redundant communications network
- Facility is monitored and patrolled 24x7x365 and has a manned entry gate, secure fence around the perimeter and multiple layers of access control



BENEFITS

- Delivers industry-leading power and cooling density as well as a robust network and world-class managed services
- Ample expansion options in a stable and secure environment
- Manned and monitored 24x7x365 by experienced QTS engineers



QTS achieved LEED Gold Certification for the Atlanta Metro Phase II of the facility.



The Atlanta-Metro Data Center boasts an on-site Georgia Power substation with up to 120MVA of utility power.

One of the Largest Data Centers in the World

With 970,000 square feet of total space, the QTS Atlanta-Metro Data Center is one of the largest data centers in the world. This massive facility features its own on-site Georgia Power substation and direct fiber access to a wide variety of carrier alternatives. QTS recently completed and achieved the Leadership in Energy and Environmental Design (LEED) Gold Certification for Phase II of the facility. Atlanta-Metro offers significant growth opportunities for clients across all QTS product lines, including Custom Data Center, Colocation and Cloud Services.

BUILDING SPECIFICATIONS

- 970,000 sq. ft. total enclosed space
- 531,000 sq. ft. data center footprint
- 358,000 sq. ft. of 48" raised floor
- Customer office and conference space also on-site
- Construction type: Concrete & brick structure with reinforced steel
- Dual reinforced roof; 85 MPH wind rating

POWER

- A total of 120MVA of utility power is delivered to facility by Georgia Power
- Electrical redundancy is achieved via two (2) feeds from separate substations that power three (3) on-site 40MVA transformers
- Forty (40) generators support nineteen (19) independent UPS systems
- All power cabling below floors is installed in either conduit or sealtight flexible conduit with approved connectors to all equipment

ENVIRONMENTAL CONTROLS

- Over six-hundred (600) CRAC units, (30-ton and 70-ton), provide air flow to raised floor space
- Leak detection under all raised floor
- Supported by 24x7x365 computer monitoring and facility engineers on-site

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ABOUT QTS

QTS is a leading national provider of data center solutions and fully managed services. The company offers a complete, unique portfolio of core data center products, including custom data center (C1), colocation (C2) and cloud and managed services (C3), providing the flexibility, scale and security needed to support the rapidly evolving infrastructure demands of web and IT applications. With 10 locations in seven states, QTS owns, operates and manages approximately 3.8 million square feet of secure, state-of-the-art data center infrastructure and supports more than 875 customers.

SECURITY

- All building entrances require key card access; Data center floor and secured areas require card key and two-factor biometric authentication
- Security fence surrounds perimeter of property; Single site entrance with security gate and guard house; Security guards on-site 24x7x365; Active patrol both inside and outside facility
- Closed circuit video with 140 cameras cover inside and exterior of building, property perimeter, all entrances, alternate workspace, and data center floor; Roof of the building is monitored with CCTV and motion detectors

CONNECTIVITY

- Carrier-neutral facility providing access to multiple providers for local, fiber and Internet connectivity; Available carriers include:
 - AT&T
 - CenturyLink
 - Cogent
 - Comcast
 - Fiberlight
 - FPL Fibernet
 - Georgia Public Web
 - Internap
 - Level 3
 - One Ring
 - Sprint
 - TeliaSonera
 - TW Telecom
 - Verizon Business
 - XO Communications
 - Zayo Group
- Diverse entrances into building including multiple central office redundancy
- QTS Metro Connect Service offers additional connectivity to providers in 56 Marietta (Carrier Hotel)
- Fiber connectivity to QTS Suwanee Data Center for business continuity
- Internal cabling, copper, coax or fiber access, to carrier bandwidth using cable management systems throughout the facility

FIRE DETECTION AND PROTECTION

- VESDA (Very Early Smoke Detection Apparatus) throughout data center
- Multi-stage protection via pre-action dry pipe system that requires alerts from two sensors
- Smoke sensors above and below raised floor

SHIPPING AND RECEIVING

- Secured shipping and receiving area designated for customer owned equipment
- Large truck (18 wheeler) docks and small truck docks available

FACILITY MONITORING AND MANAGEMENT

- Mechanical and electrical facility engineers on-site and automated alerts delivered by email and phone
- Critical power system controlled by an automated management system, which controls all switching
- Air temperature, humidity, fire detection, and water pressure all managed by an automated control system



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 For more information about QTS visit QTSDataCenters.com or call 877.QTS.DATA.