



Atlanta-Suwanee Data Center

SUWANEE, GEORGIA

QUICK FACTS

- 370,000 sq. ft. office and technology center incorporates a Class A office environment and diverse high-speed fiber network
- Located in a valley, adds protection from strong winds and allows for a more private and secure setting
- Equipped with one of the largest constant power systems in the world, QTS Suwanee is designed for the utmost in reliability



BENEFITS

- Ample expansion options in a stable and secure environment
- Carrier-neutral connectivity to multiple network providers
- Manned and monitored 24x7x365 by experienced QTS engineers



Home of the QTS Operations Service Center

With 370,000 square feet of data center and office space in the north suburbs of Atlanta, the QTS Atlanta-Suwanee Data Center is home to some of the largest QTS customers. This site also provides infrastructure for each of our core data center services - Custom Data Center, Colocation and Cloud Services- as well as hosts our National Operations Service Center, providing 24x7x365 monitoring and support for Suwanee and other QTS data center customers.

BUILDING SPECIFICATIONS

- 370,000 sq. ft. facility
- 185,000 sq. ft. of 48" raised floor
- Raised floor supports 6,000 lb four-point load
- Customer office and conference room space also available on-site
- Construction type: Tilt-up concrete structure with reinforced steel
- Dual reinforced roof: 125 MPH wind rating

POWER

- Utility power is provided via four (4) independent redundant Georgia Power feeds
- 3 unique UPS systems deliver protection to the data center floor
 - Six (6) Hitec series 1800KVA rotary constant power units supply up to 7.2MW of power to the data floor with N+1 redundancy; Backup generator protection provided six (6) built-in 1.44MW diesel generators (N+1 redundancy configuration)
 - 10MW Active Power UPS systems supply power to the data floor with N+1 redundancy; Backup generator protection provided by six (6) Caterpillar 2.25MW diesel units in an N+1 redundancy configuration
 - 8MW Liebert N+1 UPS systems supplies power to the data floor with N+1 redundancy; Backup generator protection provided by six (6) Kohler 2.8MW diesel units in an N+1 redundancy configuration
- Critical (non-UPS) Power - Six (6) 2MW Caterpillar generators backup critical systems such as chiller plant, data floor lighting, and office space
- Approximately 114,000 gallons of on-site diesel fuel that can provide three (3) days of power for the data center at full load
- All power cabling below floors is installed in either conduit or sealtight flexible conduit with approved connectors to all equipment

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ABOUT QTS

QTS Realty Trust, Inc. (NYSE: QTS) is a leading national provider of data center solutions and fully managed services and a leader in security and compliance. 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 hybrid infrastructure demands of web and IT applications. With 12 data centers in eight states, QTS owns, operates and manages approximately 4.7 million square feet of secure, state-of-the-art data center infrastructure and supports more than 850 customers. QTS' Critical Facility Management (CFM) can provide increased efficiency and greater performance for third-party data center owners and operators.



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SECURITY

- Single point of entrance. Data center floor and secured areas require card key and two-factor biometric authentication (finger print and iris scan)
- Security Guards on-site 24x7x365; Active patrol both inside and outside facility
- Over 100 closed circuit video cameras cover the interior and exterior of building

ENVIRONMENTAL CONTROLS

- N+1 chiller plant; Over two-hundred (200), 30-ton CRAC units provide air flow to raised floor space; Redundant piping systems for chilled fluid; Generator backup for cooling system is provided by six (6) 2.0MW generators and six (6) 2.8MW generators
- Leak detection under all raised floor; Drains are utilized to remove any water from under floor
- Supported by 24x7x365 computer monitoring and facility engineers

CONNECTIVITY

- Carrier-neutral facility providing access to multiple providers for local, fiber and Internet connectivity; Available carriers include:
 - AT&T
 - CenturyLink
 - Charter
 - Cogent
 - Comcast
 - DeltaCom
 - Fiberlight
 - Level 3
 - One Ring
 - TW Telecom
 - Verizon/Verizon Business
 - Windstream
 - 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 Atlanta-Metro 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
- Pre-action dry pipe system requires alert from two sensors
- Smoke sensors above raised floor
- FM200 Fire Suppression used in transport room

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

- Facility engineers on-site and available by pager. Engineers trained to control and maintain all critical facility components
- Critical power systems are monitored and controlled by Building Management Systems
- Data center air temperature and humidity is monitored and controlled by Andover Continuum
- Fire detection and suppression is managed by Cheetah Systems in tandem with VESDA

For more information about QTS visit QTSDATACENTERS.COM or call 877.QTS.DATA.