

# QUALITY SUWANEE DATA CENTER

Suwanee, Georgia



TECHNOLOGY SERVICES

FOCUSED ON THE RIGHT SOLUTION



## DATA CENTER FACILITY

303,000 sq. ft. footprint  
376,000 sq. ft. total enclosed space

Tilt-up concrete structure with reinforced steel. Dual reinforced roof; 85MPH wind rating.

Large truck (18 wheeler) docks and small truck docks are able to support all of your shipping requirements. Secured receiving area designated for customer owned equipment.

## FLOOR SPACE

168,000 sq. ft. of 48" raised floor  
Raised floor supports 6,000 lb four-point load.

~130 cubes, 49 private offices, 3 conferences rooms and common areas available

## COMMUNICATIONS

Diverse SONet Fiber access from Deltacom, Time Warner Telecom, Atlanta Gas Light Networks and AT&T. Internet access from InterNap and ITC^DeltaCom, providing peering with more than 10 Tier-I Backbones.

From low speed 56kbps to optical carrier level services are available.

Copper or fiber access to carrier bandwidth using cable management trays throughout building.

Multiple secure entrances into building including multiple CO redundancy and fiber access to primary carriers.

## POWER

Underground, encased in concrete from the substation to our site.

Essential (UPS) Power – Six 1800 KVA Hitec rotary constant power units supply up to 7.2 MW of power to the data floor with one unit redundant. Six 2250 KW Caterpillar generators backup a 10 MW Active Power UPS system with one redundant 1 MW UPS module and one redundant 2250 KW Cat generator, all without the need for batteries. 8MW Liebert N+1 UPS Systems. These 3 world-class UPS systems total 25 MW of UPS power for the building.

Critical (non-UPS) Power – Six 2.0MW Caterpillar generators backup critical systems such as chiller plant, data floor lighting, and office space.

Fuel - 84,000 gallons capacity of diesel fuel on site w/ refueling contracts. 48-72 hours at max. load.

## COOLING

N+1 Chiller plant. Over 200-30 ton Lieberts provide air flow to over 176,000 sq. ft. of raised floor space. Redundant piping systems for chilled fluid.

Air temperature above floor is maintained at 70° ± 5° with humidity at 50% ± 5%.

Leak detection under all raised floor. Drains are utilized to remove any water from under floor

## FIRE PROTECTION

Smoke sensors above and below raised floor.

Very Early Smoke Detection Apparatus provides the earliest possible warning of a potential fire event by detecting smoke particles at the incipient (first) stage of fire.

Pre-action dry pipe system requires alert from two sensors, which activates pipe fill and a final stage when the temperature exceeds thresholds. FM200 Fire Suppression used in Transport and selected areas.



## ABOUT QUALITYTECH

Quality Technology Services is one of the nation's largest privately-held providers of mission-critical data centers and managed services. We provide unmatched availability, scalability and security through our nationwide footprint of robust data center facilities. Our corporate headquarters is located in Overland Park, Kansas, and two of our flagship facilities are located in Atlanta, Georgia. These and all QualityTech facilities deliver industry-leading power and cooling density as well as a robust network and world-class managed services. QualityTech's mission is to enhance customers' position within their respective marketplaces by offering operational efficiency, controlling costs and mitigating risks associated with the management of information technology. All QualityTech facilities are developed, owned and managed by Quality's real estate arm.

## ADDRESS

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