



Miami Data Center

MIAMI, FLORIDA

QUICK FACTS

- QTS Miami is a 30,000 sq. ft. Category 5 hurricane resistant data center
- 20,000 sq. ft. of raised floor
- Strategically located at the heart of Miami's priority power grid, and is one of the "best hurricane proof facilities in the market"



BENEFITS

- Provides the flexibility, scalability, and security needed to support the rapidly evolving infrastructure demands of web and IT applications
- QTS Cloud Services and Managed Services are available to augment your current and future operations
- Manned and monitored 24x7x365 by experienced QTS engineers



Miami serves as a gateway to the South American financial markets and transcontinental Internet hub.

Hurricane-Ready, Gateway to South America

Due to the unique challenges of the Miami climate, hurricane resistance was of primary importance when QTS built the Miami Data Center. With 30,000 square feet of enclosed space, this Category 5 rated facility is designed to withstand flood damage and carries a wind rating of 185 MPH. State-of-the-art infrastructure and power connections make the QTS Miami Data Center an attractive option for Custom Data Center, Colocation and Cloud Services. With ready access to hundreds of carriers, QTS Miami offers customers with South American or Caribbean networking needs a secure home for their IT infrastructure that easily connects to their desired users.

BUILDING SPECIFICATIONS

- 30,000 sq. ft. of total enclosed space
- 20,000 sq. ft. of 36" raised floor
- Office space available
- Construction type: Pre-cast concrete structure with reinforced steel; Double-tee roof is 24" deep with a 2 1/2" concrete topping; Building has 15' clear height from top of raised floor to bottom of precast concrete double tee stems; 185 MPH wind rating
- Located in a low risk flood area, Flood Zone X (unshaded); Above the 500-year flood level

POWER

- Utility power is provided via dual FP&L feeds to two (2) independent 2000KVA electrical transformers
- Three (3) 2MW diesel generators feed parallel redundant UPS systems
- The facility has a total of six (6) UPS systems; Three (3) 350KW Liebert UPS modules in an N+1 configuration and another three (3) 350KW Liebert UPS modules in an N+1 configuration
- On-site diesel fuel will enable the facility to run at full capacity for one week
- All power cabling below floors is installed in either conduit or sealtight flexible conduit with approved connectors to all equipment

ENVIRONMENTAL CONTROLS

- The facility is equipped with twenty-seven (27), 30-ton Liebert CRAC units; Air-cooled chillers and CRAC units are N+1 redundant
- Leak detection under all raised floor

Miami Data Center

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.



11234 NW 20TH STREET
MIAMI, FL 33172

PHONE 786.515.2106
FAX 305.594.5619

SECURITY

- All building entrances require card key access; Data center floor and secured areas require card key and two-factor biometric authentication (finger print and iris scan) with a “man-trap” entrance
- CCTV monitoring, single site entrance with security office and secure check-in; Property surrounded entirely by a seven foot high fence
- Guards on-site 24x7x365; Active patrols both inside and outside the facility
- Cameras cover inside and exterior of building, property perimeter, all entrances, alternate workspace, and data center floor; Roof of building is monitored with CCTV and motion detectors

CONNECTIVITY

- All Carrier-neutral facility providing access to multiple providers for local, fiber and Internet connectivity; Available carriers include:
 - AT&T
 - Cogent
 - Comcast
 - Fiberlight
 - FPL FiberNet
 - Level 3
 - TW Telecom
 - XO Communications
- Diverse entrances into building including multiple central office redundancy
- QTS Metro Connect Service to NAP of the Americas® (Carrier Hotel)
- Internal cabling, copper, coax or fiber access, to carrier bandwidth using cable management systems throughout the facility

FIRE DETECTION AND PROTECTION

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

SHIPPING AND RECEIVING

- Secured receiving area designated for customer owned equipment
- On-site, fenced-in parking to accommodate approximately 50 vehicles

FACILITY MONITORING AND MANAGEMENT

- Facility engineers on-site and available by pager. Engineers trained to control and maintain all critical facility components
- Critical power system monitored and controlled by an automated management system
- Air temperature, humidity, fire detection, and water pressure all managed by automated control systems

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