QTS MIAMI

Due to the unique challenges of the Miami climate, hurricane resistance was of primary importance when QTS built the Miami Data Center. With 38,000 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 Hybrid Colocation Services.

Building Specifications

- 38,000 sq. ft. facility
- 20,000 sq. ft. raised floor
- 3 major highways for easy access plus local roads available
- Category 5 resistant data center with 185 MPH wind rating
- Located in a low risk flood area, Flood Zone X (unshaded); 10 Feet above the 500-year floodplain

Power

- Configuration Options: N+1, N+2, 2N
- 2MW of critical power capacity, expandable to 3MW
- 7 UPS units
- 3 2MW diesel generators feed parallel redundant UPS systems
- Utility power is provided via dual FP&L feeds to two independent 2,000 KVA electrical transformers
- 60,000 gallons of diesel on site, can last 25 days without utility power

Quick Facts

- Category 5 hurricane resistant data center is designed to withstand flood damage
- Diverse connectivity options including major SDN providers and proximity to multiple subsea cable landings
- All critical infrastructure lives inside the building
- Only half a mile from NAP of the Americas –telecom gateway to Latin America

Cooling

- 3 chillers at 300 tons each
- 38 Emerson/Liebert 30-ton CRAC units, model FH740C
- Temperature, humidity and leak sensors throughout data halls
- VESDA smoke detection above and below raised floors
- Dual action suppression system, fire life safety, electrical and mechanical monitoring
- Fully automated Building Management System providing remote indications and operations capabilities
On-net Carriers
- AT&T
- Atlantic Broadband
- CenturyLink
- Cogent Communications
- Comcast
- Crown Castle
- PacketFabric

Connectivity Solutions
- QTS Switchboard Interconnection Service
- QTS internetConnect
- QTS crossconnect – online ordering available

Cloud Connectivity
- Seamless, on-demand connectivity to AWS, Azure and Google Cloud via QTS Switchboard
- Multiple options to reach any cloud based on your timeline, budget and capacity requirements including Alibaba Cloud, AWS, Google Cloud, Microsoft Azure, IBM Cloud, Oracle Cloud, Salesforce
- Automated, quick provisioning to local carrier hotel(s)

Security
- Outer perimeter fencing with multi-check points
- External pan-tilt-zoom motion sensor cameras and video intercom
- Internal PT motion sensor cameras
- Biometric and iris scan required to enter data hall through the security vestibule
- Security guards on-site 24×7×365

Compliance
- SOC 1
- SOC 2
- SOC 2 – HIPAA
- PCI
- ISO 27001
- HITRUST

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 24×7×365 by experienced QTS engineers