



# Jersey City Data Center

## JERSEY CITY, NEW JERSEY

### QUICK FACTS

- Stable power fed to facility from diverse substations
- Three (3) diverse points of entry for numerous in-house carriers and dedicated, reliable high bandwidth connectivity to 111 8th Ave (Carrier Hotel)
- Convenient location: 17 minutes, by train, from World Trade Center and 6 minutes, by car, from Holland tunnel



### BENEFITS

- QTS Cloud Services and Managed Services are available to augment your current and future operations
- Carrier-neutral connectivity to multiple network providers
- Manned and monitored 24x7x365 by experienced QTS engineers



Our network is engineered to provide highly available and redundant connectivity options from multiple carriers for both Internet access and telecommunication services.

## Serving the Financial Capital of the World

Located just six miles from Manhattan, QTS' Jersey City Data Center provides a crucial and convenient presence in the tri-state area where data center space is highly coveted, given the proximity requirements and strong demand from the financial services market.

### BUILDING SPECIFICATIONS

- 115,000 sq. ft. facility
- 51,000 sq. ft. data center footprint
- 31,500 sq. ft. of 18" raised floor
- Construction type: 19-story concrete structure with reinforced steel

### POWER

- Power to facility is provided via dual 480V PSE&G feeds originating from two separate substations
  - Three (3) 625KVA Liebert UPS systems units supply 1.0MW of power to the 16th and 18th floor, with one unit redundant
  - Two (2) 750KVA Liebert UPS systems currently supply 500KW of power to the 16th and 17th floor in an N+1 configuration. Upgrade plans include additional UPS power and the related switchgear and generators
  - Two (2) 1,250KW and one (1) 2MW diesel generators backup the critical and non-critical power loads and are capable of delivering power to the facility for a minimum of 48 hours at full load utilizing 6,900 gallons of diesel fuel stored on-site
- All power cabling below floors is installed in either conduit or sealtight flexible conduit with approved connectors to all equipment

### ENVIRONMENTAL CONTROLS

- N+1 dry cooling plant; Redundant piping systems for glycol
- Backup for cooling system provided by generators
- Leak detection under all raised floor; Drains are utilized to remove any water from under floor

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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.



95 CHRISTOPHER COLUMBUS DRIVE  
16TH FLOOR  
JERSEY CITY, NJ 07302  
PHONE 212.625.7200  
FAX 212.334.8650

## SECURITY

- All building entrances require card key access; Data center floor and secured areas require card key and biometric authentication. Dedicated elevators to the QTS space
- Closed circuit video cameras cover QTS entrances, alternate workspace and data center floor
- Security guards on-site 24x7x365

## CONNECTIVITY

- Carrier-neutral facility providing access to multiple providers for local, fiber and Internet connectivity; Available carriers include:
  - AT&T
  - CenturyLink
  - Cogent
  - Level 3
  - Lighttower
  - Lightpath
  - RCN
  - Reliance GlobalCom
  - Sunesys
  - TW Telecom
  - Verizon / Verizon Business
  - Zayo Group
- Diverse entrances into building; SONET and fiber access with 3 points of entry
- QTS Metro Connect Service offers additional connectivity to providers in 111 8th Ave (Carrier Hotel)
- Internal cabling, copper, coax or fiber access, to carrier bandwidth using cable management systems throughout the facility

## FIRE DETECTION AND PROTECTION

- Multi-stage protection pre-action dry pipe system requires alert from two sensors, which activates pipe fill and a final stage when the temperature exceeds thresholds
- Halon fire suppression or VESDA in all data center areas
- Smoke sensors above and below raised floor

## SHIPPING AND RECEIVING

- Secured shipping and receiving area designated for customer owned equipment
- Large truck docks and small truck docks are capable of supporting all shipping requirements

## 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 Johnson Controls, an automated management system
- Data center air temperature and humidity is monitored and controlled by Johnson Controls. Fire detection and suppression is managed by Johnson Controls

 For more information about QTS visit [QTSDataCenters.com](http://QTSDataCenters.com) or call 877.QTS.DATA.