



AT&T Internet Data Center Site Specification - New York City II (Midtown)

Site Biography

Market Area: **New York, New Jersey & Connecticut Areas**

Location: New York, 10019

Address: 811 10th Avenue

CLLI, POP, NPA/NXX Code: NYCMNY54, NYCMNY54, 212/247

History of Facility: Existing hardened Telco data center upgraded in 2000 to AT&T Internet Data Center

Center Amenities:

- Customer Lounge Facilities
- Customer Conference Rooms

Customer Briefing/Visit Request:

- If you would like to schedule an IDC Tour, [click here to use the scheduler](#)
- If you are not a Certified Tour Manager and would like to schedule a visit to a Domestic IDC, please contact your local Enterprise Hosting Specialist.
- [For the Corporate Briefing Center Online Visit Scheduling System](#)

Gross Sq. Ft.: 117, 500

Total Net Square Feet: 43,900

This site undergoes annual SAS70 Type 2 auditing.

Network

Internet (Front-end) IP Capacity: Minimum of two (2) high speed uplinks to the AT&T IP Network

Redundancy: Redundant and path-diverse entrances and exits. Dual access routers connect the Internet Data Center to the AT&T IP Network via multiple network access points.

Administrative (Back-end) Access: Access the [AT&T Back-End Connectivity Guide](#) for options

Architectural Section

Building

- Raised Floor Specifications: The equipment areas have 36 inch access floor.
- Loading and Receiving Dock: Loading dock facilities are available. Onsite security personnel monitor access to the loading dock. **Customer shipments to the IDC require customer site ID # on all shipping labels.**

Power

- Watts / Square Foot: Required Industry Standards per net sq. ft.
- Electrical - Redundancy: The utility company has a service entrance dedicated to this building. The vault has four (4) – 2000kVA transformers connected in parallel to supply power at 480 volts to the service entrances.
- Standby Generator Systems: There are four (4) – 2000kW/2500 kVA diesel generator sets dedicated to the Internet Data Center with (3) 20,000-gallon fuel oil storage tank. There is provision to connect 2000kW portable generator to the system.
- Uninterrupted Power Supply: There are three (3) - UPS systems, each with three (3) - 400kW/500kVA modules. A fourth system with four (4)-400kW/500kVA modules acts as a fall back unit for the remaining three systems for a n+1 redundancy @ 90 watts/sq.ft. (based on usable area) Commercial power feeders or standby generators supply power to the UPS systems. Each UPS system can support its designed full load for 15 minutes via its internal battery plant.
- Grounding Architecture: Master ground plates located on each floor are connected to the building ground in the basement. All cabinets, raceways and the raised floor pedestals are connected into the master ground plates.
- Commercial Power Contingency Arrangements: In case of a commercial power failure, the standby generators provide power to the Internet Data Center within one minute of a commercial power outage. The one-minute gap is covered by the UPS system. During an extended commercial power outage, the diesel generators can provide power for 48 hours using the fuel stored at the site. There are processes and procedures to connect a portable generator to ensure N+1 redundancy.

Environmental Controls

- HVAC Distribution: Four (4)-700 ton dedicated chillers located on the 2nd floor serve the web hosting area. They supply chilled water to the CRAC units located on the web hosting floors. Conditioned air from the CRAC units on various floors is delivered to the equipment cabinets/racks through access floor, which serves as an air plenum.
- HVAC System: 30 ton CRAC units located around the access floor perimeter on each floor. CRAC units discharge conditioned air into the 3ft. high access floor.
- HVAC Redundancy Architecture: The CRAC units are designed for N+1 redundancy requirements based on the usable area.
- HVAC Contingency Arrangements: If a chiller fails, a standby chiller will carry the load continuously will carry the load until the failed chiller is fixed. Two out of the four chillers can carry the site at full load. Operations may choose to run all or some of the CRAC units, which will share the load, operating at less than full load. If a CRAC unit fails, heat load will get redistributed automatically.
- Fire Suppression: The Internet Data Center has pre-action dry pipe fire suppression system supported by a state-of-the-art VESDA smoke detection and alarm system. The VESDA system is considered 100 times more sensitive than conventional, passive fire detection systems. Conventional smoke detectors are also utilized and are grouped into zones. When one or more detectors in different zones detect smoke, the fire alarm panel opens the deluge valve to fill the sprinkler piping with water. In case of an actual fire, the seal on the sprinkler heads will melt and discharge water on the affected area. Water will not be discharged in unaffected areas. For more information on the VESDA system, please visit <http://www.vesda.com>



Architectural Section - *continued*

Security

Building Access: Security staffing 24x7, closed-circuit monitors, secure-card key access, biometrics scanners, man traps, and alarmed doors. Guards maintain access to the loading dock and access requires a card key. Security personnel also monitor the building. AT&T maintains a current list of authorized personnel. AT&T maintains all keys for cabinets and cages in a lock box on-site. Customers must open a ticket before appearing at the Internet Data Center and then pass biometrics scan and be escorted to floor.

Site Monitoring:

- 24x7 monitoring is performed on site and remotely.
- Shipping & Receiving: No unidentified packages will be accepted. Onsite security personnel monitor access to the loading dock.
- **Customer shipments to the IDC require customer site ID # on all shipping labels.**

Operations

Staffing: Internet Data Center technicians and building engineers are available 24x7.

Remote Hands: Available 24x7. See [AT&T Enterprise Hosting Service Guide](#) for details