

North Bergen, NJ

5851 West Side Avenue, North Bergen, NJ 07047, USA



Building Specs

The North Bergen site was originally built in 1985 and utilized as a disaster recovery facility. Since its acquisition, Switch and Data has built this site to their high-performance data center standard and can supply more than 200 watts per square foot of power and cooling capacity. At full completion this site will add more than 163,000 gross square feet to Switch and Data's New York Metro data center capacity, bringing the company's data center capacity in the market to more than 250,000 gross square feet. Switch and Data has interconnected this new site to its existing 111 8th Avenue and 60 Hudson Street sites in New York, providing access to more than 300 networks and making it one of the most densely interconnected data centers in North America. It is also a multi level three story stand alone building with access to the New Jersey Turnpike, GWB and Lincoln Tunnel.

Square Feet	163,537
Floor Load	Live Load Ex. 175#/sf first and second floors, 100 #/sf third floor
Roof Rights	Roof rights available
Product Availability	Cage Space Available Cabinets Available UPS Power Available DC Power Available Standard Cross Connects – DS0, DS1, DS3, Ethernet, Fiber Metro Cross Connects – (access to meet-me-rooms in NYC 111 8th and 60 Hudson) – Ethernet, GigE PAIX Ports – 100 Mbps, 333 Mbps (Fractional GigE), 500 Mbps (Half GigE), 1000 Mbps or Gigabit Ethernet (GigE), NxGigE 2-4-6-8, 10 GigE 6-8, 10 GigE SingleCNXT-i (Internet Access) – Access to bandwidth providers in NYC 111 8th and 60 Hudson TechSmart® (Remote Hands): 24/7/365 Technical Support Network Timing: GPS (primary) and CDMA (redundant) time source



Environmental Controls

Fire Suppression	Pre-Action double interlock fire suppression system Dual zoned smoke and heat fire alarm detection system
HVAC	14259 KW of Heat Rejection Capacity Interior and exterior systems are each deployed at N + 1 A/C units maintain a climate of 72 degrees (+/- 5) and 30-60% humidity (SLA Statement)
Alarm Monitoring	All essential equipment is tied into Falcon Alarm System (UPS, DC plant, PMMs, BDCBBs, ATS's, Generators, Diesel tanks, TVSS, Fire System) Operations Alarm Management (OAM) Group monitors facility falcon units 24/7/365 Alarming is a dry contact system set to normally closed



Power Systems

Power Density

200 Watts Per Sq. Ft.

UPS System

Eight parallel UPS systems configured N+1
 Primary UPS systems provide 13568 kW
 UPS System deployed to carry full design load 12 – 15 minutes
 17,638 kW of UPS sub-distribution infrastructure

DC Plant

Six redundant DC plant systems
 Each DC System is deployed as A & B plants design classification as 2N
 Primary DC power systems provide 691 kW
 1037 kW of matching DC sub-distribution infrastructure
 DC Plant systems are deployed to carry full load for 4 hours via dedicated battery banks per DC plant
 -48 Volt DC Battery Plant
 2400 amp expandable to 10,000 amp
 2-hour battery reserve non-redundant, 4 hours redundant
 “True” A/B Power feeds

Standby Generator

2000 kW generators configured in N
 24 hours of continuous generator run time at full design load
 Generator systems both auto start and auto transfer



Security Systems

Security Systems

Card access control at all secure areas/doors
 Surveillance cameras at strategic locations, exterior and interior CCTV coverage
 Fully fenced and secure perimeter
 24/7 On-site security personnel
 24/7 Corporate security surveillance
 Speaker and Phone Systems installed throughout facility for correspondence with local and remote security personnel
 30 days of on-site video back-up



Connectivity

Public Peering

Big Fish Games

This location offers Switch and Data PAIX and MetroPAIX services

Switch and Data MRR

Abovenet	IPC Network Services
Cablevision Lightpath	Level3
Cogent Communications	Reliance Globalcom
Hibernia Atlantic	Verizon Business (MCI)
InterNap	

Access to the carriers in the meet-me-rooms in NYC 111 8th and 60 Hudson