

# Syracuse, NY data center



## Navisite data centers

- Andover, MA
- New York City, NY
- Oak Brook, IL
- Redhill, UK
- Santa Clara, CA
- **Syracuse, NY**
- Woking, UK

### Space

- Approximately 8,262 square feet of data center space.
- 19" cabinets - 24"W x 37"D x 84"H, lockable, 19" mounting rails, available in Full, Half, or Third configurations.
- 23" cabinets - 30"W x 37"D x 84"H, lockable, 23" mounting rails.
- Cages - locking wire mesh partitions.
- Select roof space - available, 2 roof penetrations, distance to roof is 30ft.

### Power

- Utility Power (Amps) - 1,600A/480Vac.
- Backup UPS Capacity (kVA) - 120kVA (3 MGE UPS modules and 2 Eaton, parallel redundant).
- Power Generation Capacity (kW) - 300kW (office spaces) & 1,000kW (data center & life safety).
- AC Power plant with battery and generator backup.
- Parallel redundant, Uninterrupted Power Supply (UPS) systems, with catcher UPS.
- Diesel generator, Navisite®-owned. Generator can be refueled while running.
- Diesel generator enables "maintenance bypass" capabilities. Running on generator, Navisite can shut down UPSs to perform maintenance, upgrades, etc. without affecting or interrupting data center operations.
- Redundant power feeds to A and B Power Distribution Units (PDUs) for each rack.

- Generator is run tested every 2 weeks and serviced semi-annually.
- UPSs are serviced and batteries tested semi-annually.
- Select systems are under service contracts.

### Environment

- Full data-grade HVAC system with N+1 redundancy.
- 100 tons of cooling active.
- 72 degree ambient air temperature (+/- 2 degrees).
- 45% humidity (+/- 5%).

### On-network carriers

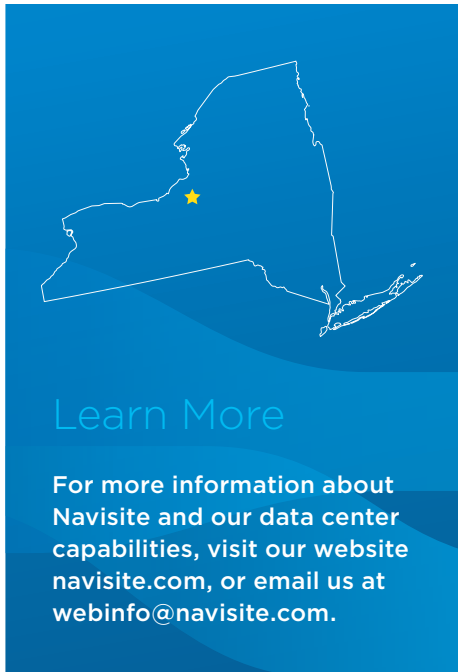
- Fibertech
- Level 3 (Telecove)
- Charter Communications / Spectrum Enterprise
- Verizon (MCI)

### Security

- On-site, bonded security staff 24x7x365.
- Offices and common areas isolated from the data center.

### Monitoring

- Client IT infrastructure monitored by two redundant NOCs staffed 24x7x365.
- Extensive array of monitoring tools, including leading commercially-available tools and Navisite proprietary tools.



- Technology agnostic (can receive events from a variety of sources, including agent- based and agent- less, SNMP, MIB, MIB2, OpenView, etc.).
- Client has the ability to use NaviView management portal to view both event and performance data.
- Facilities monitoring on all critical electrical components and HVAC.
- Monitoring and logging on card access system, logs reviewed monthly (SSAE-18 standardized).

**Fire Systems:**

- Orion early warning high-sensitivity smoke detection system.
- VESDA early warning aspirating smoke detection, with continuous air sampling.
- Dry-pipe, pre-action, double interlock two stage fire suppression system.
- Power room utilizes FM-200 suppression systems.

**Control Systems:**

- Foreseer monitoring system used for monitoring the facility’s internal environment, power and HVAC, etc. Monitored 24x7 by onsite staff as well as Navisite NSC.
- Liebert Leak detection systems.

**Physical Security:**

- Mandatory visitor registration and visitor escorts, as well as mandatory employee badge access.
- Single factor authentication required for access to the building.
- Three factor authentication required for data center access.

- 24x7x365 video surveillance and recording both inside and outside the building, 90 day offsite storage

**Prevention / Recovery**

- Generator sized to run the entire site at full load for 24 hours minimum.
- Power room utilizes FM-200 suppression systems.
- Dry-pipe, pre-action, double interlock two stage fire suppression system throughout the DC.
- Vanderbilt access control system is utilized for controlling physical access.
- Doyle Security remotely monitors the fire suppression control system.

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**About Navisite**

Navisite, Inc., a part of Spectrum Enterprise, is a leading international provider of enterprise- class, cloud-enabled hosting, managed applications and services. Navisite provides a full suite of reliable and scalable managed services, including Application, Cloud Desktop, Cloud Infrastructure and Hosting services for organizations looking to outsource IT infrastructures to help lower their capital and operational costs. Enterprise customers depend on Navisite for customized solutions, delivered through an international footprint of state-of-the-art data centers. For more information about Navisite’s services, please visit [navisite.com](http://navisite.com) or [navisite.co.uk](http://navisite.co.uk).