

FACT SHEET

# SANTA CLARA, CA DATA CENTER



## Navisite® Data Centers

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

### Floor Space

- Three, secure, standalone data halls.
- 3.6 MW of 30" raised access floor, rated at 150 lbs/sf.
- Building renovated in 2011, with structural and seismic upgrades, including a new roof.
- Seismic Zone 4 rating.
- Cages secured by 6,000 bolts; each individually pull tested by city inspectors.
- Three-bay loading dock area.
- Close proximity to major highways.
- Airports – SJC: 10 minutes; OAK & SFO: 60 minutes.
- Plenty of convenient parking.
- Located outside of the 100-year-flood-area.
- An ADA compliant facility.

### Power

- Utility Power:
- Three 4.5 MVA primary/redundant feeds entering the building.
- Each of the three data halls has 1.2MW primary/redundant feeds.
- Generator:
- Each data hall is backed up by a primary and a shared redundant generator of 2000kW each.
- Double-walled enclosures.
- Each generator has a skid mounted, above-ground tank with a 4,000 gallon capacity.

- Diesel fuel onsite provides for 24 hours of full suite runtime.
- Generators can be refueled while running. Three-hour local SLA refueling contract, 24-hour national refueling contract, and FEMA approved.
- One 400kW diesel generator for life safety (e.g. lights, fire panel, etc.).
- UPS:
- Suite 110 and 120 - Four 600KVA/600kW parallel/redundant UPS modules; 1200 kW @ 2N.
- Suite 130 - Four 625KVA/563kW, parallel/redundant UPS modules; 1125 kW @ 2N.
- Output to raised floor has redundant feeds to A/B.
- Maintenance:
- Generators are run under-load monthly.
- Generators are serviced monthly.
- UPSs are serviced semi-annually.
- Batteries are tested quarterly.
- Key systems are under service contracts.

### Environmental

- Four, 130-ton Trane rooftop package units per hall, configured for N+1 redundancy.
- Integrated airside economizers.
- Supports hot or cold aisle containment.
- Ambient air temperature of 72-degree (+/- 2 degrees).
- Humidity of 45% (+/- 5%).

## Location



## Learn More

For more information about Navisite® and our data center capabilities, visit our website [navisite.com](http://navisite.com), or email us at [webInfo@navisite.com](mailto:webInfo@navisite.com).

### Fire Systems:

Dry-pipe, pre-action, double interlock fire suppression system in ceiling and floor.

### Control Systems:

- Continuum and Foreseer monitoring system used for monitoring the facility's internal environment, power and HVAC, etc. Monitored 24x7 by a central Global CI NOC in Syracuse, NY.
- Tyco Systems for monitoring fire.
- Physical rounds & readings performed by DLR Engineering 1x8hr shift.

### Physical Security:

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

- Dual authentication required for access to the data center.
- Bio-scan fingerprint reader.
- Video surveillance 24x7x365. Cameras recording both inside and outside the building, with 90-day video retention for each camera.
- Offices and common areas isolated from the data center.
- On-site, bonded security staff 24x7x365.
- Can provide DOD FISMA-High physical standards (inc. cage-based TDAR mantraps and sub-floor security bars and cameras).

### Network:

- Multiple diverse feeds that enter the facility from diverse locations, all encased in a concrete-covered conduit.
- Navisite has its own IP address space and autonomous system number, and is running Border Gateway Protocol with full Internet table routes to ensure dynamic re-routing of data if any links are interrupted.
- Private line, frame relay and MAN services also available.
- Redundant Cisco ASR 9000 core routers.
- Multiple pairs of Cisco Nexus 7000s for distribution routers.
- Cloud services supported by Cisco Nexus 7000 Core routers.
- Secure fault tolerant system.

### On-network Carriers

- AT&T
- Layer 42
- Charter Communications / Spectrum Enterprise
- Verizon
- Zayo (Abovenet)

### Prevention / Recovery

- Generator sized to run entire site at full load for 24 hours minimum.
- Systems monitored on-site and by Navisite's Network Operations Center (NOC).
- AMAG for monitoring security.

### Monitoring

- Client IT infrastructure monitored by two redundant NOCs staffed 7x24x365.
- 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 critical electrical components and HVAC.
- Monitoring and logging on card access system; logs reviewed monthly per audit.

### 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).