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

Space

- Three, secure standalone Data Halls
- 3.6 MW of 30" raised access floor rated at 600lbs/sf raised floor, broken into Three halls
- Building renovated in 2012 with structural and seismic upgrades including a new roof
- 2-bay loading dock area
- Close proximity to Major Highways
- Airports- SJC 10mins OAK &SFO 60 mins
- Plenty of Convenient Parking
- SSAE-16 SOC 1 Certified
- Located Outside the 100 year flood area
- ADA Compliant Facility

Power

Utility Power

- Three 4.5 MVA Primary/Redundant feeds entering the building Each of the Three halls has 1.2MW Primary/ Redundant Feeds Generator
- Each Data Hall is backed up by a Primary and a Shared Redundant Generator-
- 2000KW each
- Double-walled enclosures
- Skid mounted, above-ground tank of 4,000 gallon capacity (each gen) 4,000 gallons of diesel fuel onsite provides for 24 hrs of full suite run time
- Generators can be refueled while running. 3 Hour local SLA refueling contract, 24 hour national refueling contract, FEMA approved.
- One 400 KW diesel generator for life safety (e.g. lights, fire panel, etc.)

UPS:

Four 625KVA/563kW parallel redundant UPS modules 1125 kW @ 2N for each Suite 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 tested quarterly
- All major systems are under service contracts

Environmentals

- Four 130 Ton Trane Rooftop Package Units per Hall configured for N+1 Redundancy
- Integrated Airside Economizers
- Supports Hot or Cold Aisle Containment
- 72 degree ambient air temperature (+/- 2 degrees)
- 45% humidity (+/- 5%)

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
- Bioscan palm reader
- 24x7x365 video surveillance. Cameras recording for both inside and outside the building. 90 day video retention for each camera.
- Offices/common areas isolated from the data center
- On-site, bonded security staff 24x7x365

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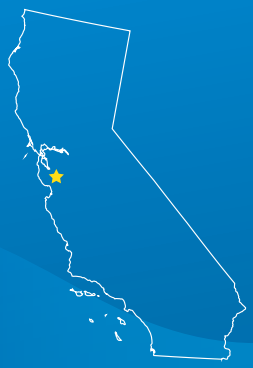

Learn More

For more information about Navisite and our data center capabilities, visit our website navisite.com, or email us at webinfo@navisite.com.

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 7000's for distribution routers
- Cloud Services Supported by Cisco Nexus 7000 Core Routers
- Secure Fault Tolerant System

Network carriers

- AT&T
- Zayo
- Level3
- Layer 42
- Verizon Business

Prevention / recovery

- Generator sized to run entire site at full load for 47 hours minimum
- Systems monitored on-site and by NaviSite's Network Operations Center (NOC)
- WinPAK for monitoring security

Monitoring

- Customer 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.)
- Customer 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 (per audit)

Seismic

- The NaviSite Data Hall is in the Digital Realty Trust Data Center complex on Lafayette, is in the California Uniform Build Code (UBC) Zone 4 region. And is constructed as follows:
- Latitude = 37.3722, Longitude = -121.9482
- Site Class D, Occupancy Category: II, I = 1.5 (voluntary)
- Seismic Design Category: D
- Analysis Procedure: Equivalent Lateral Force Procedure
- R = 6 (Steel Special Concentrically Braced Frames)
- V = 0.250W (Strength Design)
- R = 5 (Special Reinforced Concrete Shear Walls)
- V = 0.300W
- NaviSite Critical Infrastructure personnel have installed the cabinets, cage walls, and racks in accordance with California law, which requires location-specific compliance with seismic standards at all data centers located within the state. According to these standards, structural bracing systems must meet or exceed seismic design requirements of local building codes for lateral seismic design.
- Additionally, all cabinets and racks in all data centers must be anchored, braced, and grounded according to the 2005 International Building Code and the National Electric Code.

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 or navisite.co.uk.

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