

Sunnyvale – San Francisco Bay Area

444 Toyama Drive, Sunnyvale, CA 94089, USA



Building Specs

Facility originally built in 1999 and utilized as a Carrier Datacenter. Facility upgraded in 2008 to Switch and Data high-performance data center standard and can supply more than 200 watts per square foot of power and cooling capacity. It is a two story stand alone building with access to Highways 85, 101, 237, and 880 and the Light Rail System.

Square Feet	41,867
Floor Load	80 lbs / sq ft
Roof Rights	Roof rights available
CLLI	SNVCACY
NPA-NXX	408-400
Product Availability	<p>Cage Space Available</p> <p>Cabinets Available</p> <p>UPS Power Available</p> <p>DC Power Available</p> <p>Standard Cross Connects – DS0, DS1, DS3, Ethernet, Fiber</p> <p>Metro Cross Connects – DS1, DS3, Ethernet, GigE (Palo Alto, San Jose)</p> <p>PAIX Ports – Metro PAIX to all Bay Area PAIX sites: Palo Alto, San Jose, San Francisco 200 Paul, and San Jose Market Post Tower - Sunnyvale and Palo Alto connected by a diverse fiber ring</p> <p>SingleCNXT-i (Internet Access)</p> <p>TechSmart® (Remote Hands): 24/7/365 Technical Support</p> <p>Roof Space</p> <p>Network Timing: GPS (primary) and CDMA (redundant) time source</p>
Certification	SAS 70 Type II Compliant



Environmental Controls

Fire Suppression	Pre-Action double interlock fire suppression system
HVAC	<p>1722 KW of Heat Rejection Capacity</p> <p>(21) Primary and (6) Redundant CRAC Units</p> <p>512 Tons of Primary Cooling</p> <p>A/C units maintain a climate of 72 degrees (+/- 5) and 30-60% humidity</p>
Alarm Monitoring	<p>All essential equipment is tied into Falcon Alarm System (UPS, DC plant, PMMs, BDCBBs, ATS's, Generators, Diesel tanks, TVSS, Fire System)</p> <p>Operations Alarm Management (OAM) Group monitors facility falcon units 24/7/365</p> <p>Alarming is a dry contact system set to normally closed</p>
Seismic	<p>Seismic Zone 4 with importance factor in excess of 1.25</p> <p>Concrete tilt-up with steel column construction</p> <p>Steel seismic bracing</p> <p>All cabinet and racks are installed with seismic bracing</p> <p>All mechanical, electrical, HVAC systems are seismically braced including ductwork, piping, conduits and CRAC units</p>



Power Systems

Power Density

200 Watts Per Sq. Ft.

UPS System

(5) 500 KVA UPS units in parallel N+1 configuration
 Each UPS unit can support its designed full load for 15 minutes via internal battery plant
 (10) AC Distribution Units

DC Plant

1200 Amp Parallel 2N system
 (2) DC Distribution Units
 Each DC Plant can support its designed full load for 4 hours via internal battery plants

Standby Generator

(3) 1.25MW and (1) 2MW Generators in N+1 Design
 10,000 gallons of diesel storage on site to provide a minimum of 24 hours of continuous generator run time
 (2) Diesel vendor contracts in place with 4 hour SLAs
 Generator Farm is located in environmentally protected secured enclosure



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

Switch and Data MRR

AboveNet
 AT&T
 Cogent

Global Crossing
 Level 3
 XO Communications