SILICON VALLEY SV9

Hybrid Connects Here

www.CoreSite.com
SV9 — Coming Soon!

CoreSite’s strategic Silicon Valley campus expansion includes a new facility, SV9. This purpose-built data center will be constructed to offer 200,000 square feet of turn-key data center space and 34 CMW capacity in 2023.
**Facility Size**
200,000 SF of data center
Four-story facility with optionality for RAF or on-slab deployments

**Deployments**
Cabinets, cages, private suites, and built-to-suit

**Power Availability**
AC at 208V or 415V

**Open Cloud Exchange®**
Real-time control of multi-cloud deployments and simplified inter-market connectivity through a single pane of glass

**Peering Exchanges**
Any2Exchange® for internet peering and AMS-IX Bay Area

**Cross Connects**
Fiber, copper and coaxial

**Security**
Key cards, biometric scanners, and mantrap entries, perimeter site fence

**Cameras**
Perimeters and interior IP-DVR

**Security Officers**
24x7x365 in-house and on-site security qualified personnel

**Reliability**
Onsite 2N Silicon Valley Power Substation

**Generators**
N+2 Redundancy

**Fuel Storage**
24 hours, on-site

**Utilities**
Diverse POEs, MDFs, IDF’s

**Operations**
24x7x365 remote hands

**Water Storage**
12 hours of on-site makeup water storage

**Uptime**
99.999% uptime SLA

**Fuel Storage**
24 hours, on-site

**Systems**
Distributed redundant

**Mechanical**
N+1 redundancy, concurrently maintainable ASHRAE 20-year extreme weather conditions

**Plumbing**
Dual city water sources 12-hour on-site storage

**Structure**
225 pounds/SF

**Clear Height**
11’ above 36” raise floor or 14’ on slab

**Elevators**
Passenger: 5,000 pounds
Freight: 10,000 pounds

**Household**
30’ 4” x 31’

**Loading Dock**
Hydraulic lift gate

**Hanging Load**
35 pounds/SF

**Chiller Plant**
Water-cooled, magnetic-bearing, variable speed chillers, adiabatic dry coolers, minimized water usage

**Electrical**
High-efficiency UPS systems

**Utility Power**
Power taken at 12kV to achieve rate reduction and distribution efficiencies

**Data Hall Cooling**
CRAH unit with EC motors, dedicated outside air roomtop units with heat pump, integrated dehumidification and MERV-13 air filtration, hot aisle containment

**Life Safety**
Fire pump, dual-interlock preaction sprinkler systems, air sampling smoke detection

**Monitoring**
RF code readers for pin-point accuracy of temperature and humidity within customer deployments

**Efficiency**
Lutron Eco-System lighting controls, LED lighting system

**Lighting**
Lutron Eco-System lighting controls, LED lighting system
Sample Plans

Sample plans show potential configurations of cabinets and private suites.
Modular Chiller Plant
HYBRID CONNECTS HERE:

Silicon Valley Market

CoreSite’s Silicon Valley campus is the ideal environment for digital platforms with a rich ecosystem of networks and public and private cloud providers with a need to improve application performance and reduce total cost of ownership – and time to market.

- Create stellar digital experiences
- Lower latency and improve performance
- Reduce costs associated with equipment outages and power and cooling
- Improve performance by spreading workloads over multiple private and public clouds
- Increase security by limiting points of network access
- Gain lights-out capabilities, 24/7 security, field operations, remote hands and access to customer portal

This market is comprised of eight operational data centers, providing a variety of colocation options and native cloud on-ramps in the heart of one of the largest concentrations of internet and technology companies in the world. Our Bay area data center footprint — spanning Milpitas, San Jose, and Santa Clara — is uniquely suited to meet the most demanding compute needs. With over 205 cloud, network, and IT service providers available with our data centers, as well as continual investment in market facility expansions, customers can meet growth and technology needs now and in the future.
CoreSite provides everything you need in a modern Interconnection Hub

- Competitive, aggressive pricing and rapid speed to market
- Native (on-net) cloud ramps to all major cloud providers
- Open Cloud Exchange® (OCX) provides direct cloud interconnection to easily conduct business virtually everywhere
- Campus approach of 24 hyper-connected, interconnected data centers in eight major markets
- 450+ domestic and international carriers and access to 40+ intercontinental cables
- Robust ecosystem of service providers offering cybersecurity, storage/backup, DevOps, AI/ML and high-performance computing
- Operational excellence and a self-service customer portal
- Agile, nimble, responsive provider empowered by a flexible technology platform
- Expert service provided by our own security, technical and customer support teams

AVAILABLE CLOUD PROVIDERS

- CoreSite
- AWS
- Alibaba
- Google Cloud
- Microsoft Azure

SUBSEA CABLE NETWORKS

Southern Cross

Contact your CoreSite Sales representative, or call 866.777.CORE, to learn more.