



# SILICON VALLEY MARKET

BUILD A HOLISTIC, GLOBAL IT PLATFORM WITH DIRECT ACCESS TO **ALL THE CLOUD, NETWORK AND IT PROVIDERS YOU NEED WITHIN A CONTINUALLY EXPANDING DATA CENTER CAMPUS.**

CoreSite's Silicon Valley market currently consists of eight data centers across three regions — Milpitas, San Jose and Santa Clara. Our facilities offer native access to over 250 cloud, network and IT providers, as well as the flexibility to cost-effectively scale as business requirements evolve. Whether you need 100% uptime backed by a highly-trained operational and security staff, or the capacity to support compute-intensive, dense requirements, we have you covered.

ONE DATA CENTER PROVIDER. **EVERYTHING YOU NEED.**

## FACILITIES

**Room to Grow:** With nearly one million square feet of data center space, we can support nearly any growth requirement in the heart of Silicon Valley — from a single rack to build-to-suit options

**Edge Locations:** Place your latency-sensitive workloads closer to businesses and end users without sacrificing quality of the data center infrastructure

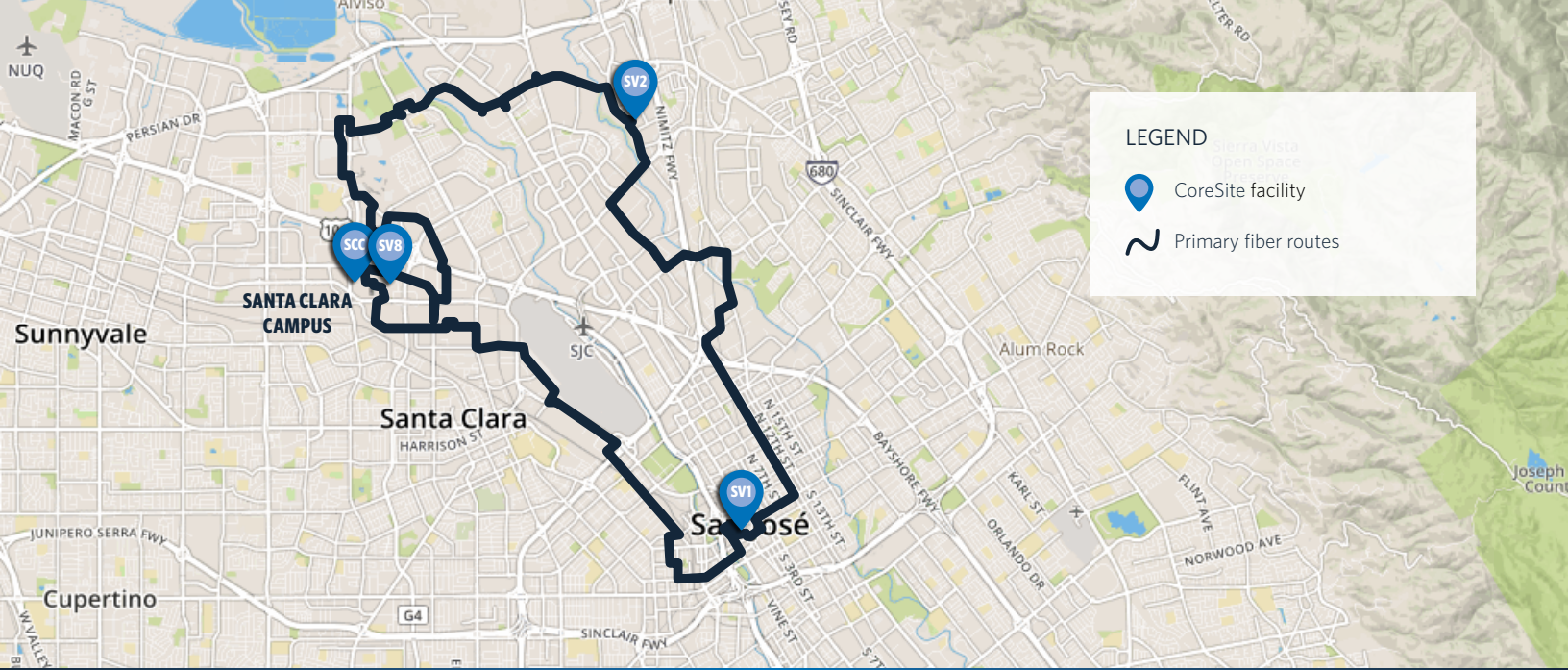
**Customer Experience:** Our seasoned operational staff and in-house security team offer unrivaled customer service and operational excellence — as evidenced by our leading customer satisfaction scores

## CONNECTIVITY

**Cloud Access:** We are one of the only providers to offer native, direct interconnection to leading cloud providers within our data centers — reducing latency and improving experience over network-based connectivity methods. Services include AWS Direct Connect, Microsoft Azure ExpressRoute and Alibaba Cloud

**Network Connectivity:** Our network-neutral data centers allow you to create a more efficient IT architecture with access to your choice of providers within the facilities, including SDNs, global carriers, subsea networks, metro providers and more

**Peering and Cloud Exchanges:** Connect to CoreSite's Any2Exchange®, the largest Internet exchange on the west coast, or AMS-IX Bay Area, or gain one-to-many access to cloud providers of your choice through the CoreSite Open Cloud Exchange®



## AVAILABLE CLOUD PROVIDERS

CoreSite  
**OPEN CLOUD EXCHANGE®**



Microsoft Azure

Alibaba Cloud

## SUBSEA CABLE NETWORKS

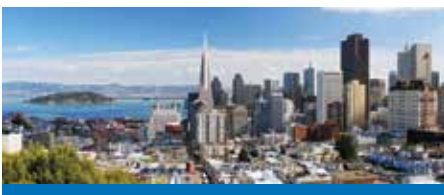
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## WHY SILICON VALLEY?

### The Nation's Technology Core

Benefit from unmatched network and cloud access next to your end users, combined with scalability in enterprise-class data centers.

## FACILITY FEATURES

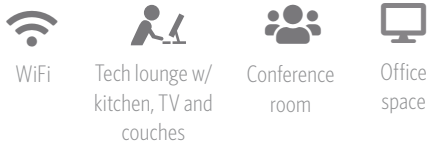


### SV1

Square Feet  
**85,000+**

Networks  
**50+**

#### Amenities

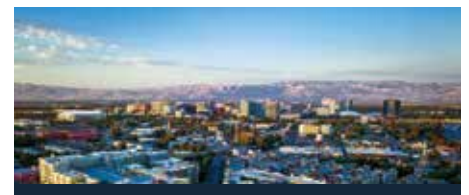
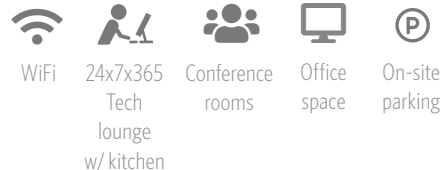


### SV2

Square Feet  
**76,000+**

Networks  
**10+**

#### Amenities

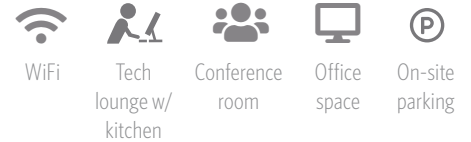


### SANTA CLARA CAMPUS

Square Feet  
**790,000+**

Networks  
**30+**

#### Amenities



ONE DATA CENTER PROVIDER. **EVERYTHING YOU NEED.**

		SV1	SV2	SV4	SV7	
SPACE	Facility Size	85,000+ sq. ft. of data center space	76,000+ sq. ft. of data center space	790,000+ sq. ft. of data center space (campus total)		
	Deployments	Cabinets, cages and private suites		Cabinets, cages, private suites and build-to-suit		
		Rooftop space available				
	Power Availability	AC and DC			AC	
Fitout	Turn-key			Turn-key, infrastructured shell and powered shell		
CONNECTIVITY	Peering Exchanges	Any2Exchange® for Internet peering and AMS-IX Bay Area				
	Diversity	Diverse POEs, MDFs and IDFs				
	Carrier Availability	See our carrier list located at <a href="https://www.coresite.com/resources/carrier-list">CoreSite.com/resources/carrier-list</a>				
	Cross Connects	Fiber, copper and coaxial				
SECURITY	Access	Key cards, biometric scanners and controlled site access	Key cards and biometric scanners and mantrap entries			
		-	8' Perimeter fence and controlled site access			
	Cameras	Perimeter and interior IP-DVR				
	Security Officers	24x7x365 in-house staffed				
RELIABILITY	Utilities	Multiple utility feeds	Diverse utility feeds	Silicon Valley Power		
	Generators	N, N+1 redundancy	N+1 redundancy			
	Operations	24x7x365 remote hands				
	Uptime	100% uptime SLA				
	Fuel Storage	24 hours, on-site				
	UPS/PDU/RPP	N+1 mechanical systems		N, 2N redundancy		
	Mechanical	N+1 mechanical systems	N+1 central plant	N+1 rooftop AC units		
	BMS Controls	State-of-the-art mission-critical controls and monitoring				
	Flood Plain	Systems above 500-year flood plain			-	
STRUCTURE	Floor Loading	80 lbs./sq. ft.	300 lbs./sq. ft.	350 lbs./sq. ft.	180 lbs./sq. ft.	
	Clear Height	13' slab to slab	19'- 21' floor tile to ceiling	10' above 36" raised floor	11' above 36" raised floor	
	Elevators	7 Passenger: 7'w x 4'd x 9'h (2,500 lbs.)	-	Passenger: 7'w x 4'd x 9'h (3,500 lbs.)	Passenger: 5000 lbs.	
		Freight: 9'w x 11'd x 9'h (5,000 lbs.)	-	Freight: 9'w x 11'd x 9'h (5,000 lbs.)	Freight: 6000 lbs.	
	Loading Dock	None, delivery vehicle requires lift gate	Hydraulic lift gate			
	Hardened Exterior	-	1.5 Importance Factor			
Column Spacing	28' x 32'	24' x 24'	28' x 36'	30'4" x 31'		
EFFICIENCY	Cooling	N+1 cooling towers and condenser water pumps	Variable speed CRAHs and ultrasonic humidification	Variable speed fans for optimal under floor pressure control	Variable speed fans for optimal efficiency	
	Chiller	-	-	Self-contained rooftop AC units with integrated evaporative condensing units, air-side economization	Self-contained rooftop AC units with integrated de-humidification system and air-side economization	
	Electrical	-	High-efficiency UPS systems			
	Life Safety	Dual-interlock dry-pipe sprinkler system		Dual-interlock pre-action dry-pipe sprinkler system with VESDA		
	Lighting	Motion sensing, T8 fixture illumination		Lutron Eco-System lighting	Lutron Eco-System lighting controls, LED lighting	
	Utility Power	-	Power taken at 12kV to achieve rate reduction and distribution efficiencies			
	Monitoring	RF Code readers for pin-point accuracy of temperature and humidity within customer deployments				

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CoreSite's data centers offer a blank canvas for us to design, build and configure everything just as we need it to be. Very few providers offer that level of customization and flexibility, and almost none of them can deliver it in the locations we need.

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■ **Searl Tate**, Director of Network Engineering,  
Paul Hastings, LLP

## SCALABILITY IN **EDGE MARKETS**

If you need colocation with connectivity options to clouds and networks, but also require the flexibility to expand as your compute needs evolve, we've got you covered. We are constantly investing in expansions and developments to ensure our customers can continue to grow with us. For more information on CoreSite in other markets nationwide, please visit [coresite.com/data-centers/locations](https://coresite.com/data-centers/locations)



### **SANTA CLARA, CA**

- **SV8:** Will be comprised of 175,000 sq. ft. at 18 MW
- 58,000 sq. ft. under construction at Phase 1 of SV8

*Expected completion late-2019*