



EQUINIX

Data Center Technical Specifications

SV1

Silicon Valley IBX® Data Center

Equinix Silicon Valley Data Centers

Equinix is the world's digital infrastructure company™. Digital leaders harness our trusted platform to bring together and interconnect the foundational infrastructure that powers their success. Our Silicon Valley data centers are business hubs for 730+ companies. Our Silicon Valley customers can choose from a broad range of network services from 135+ providers. They can also interconnect directly with customers and partners in their digital supply chain.

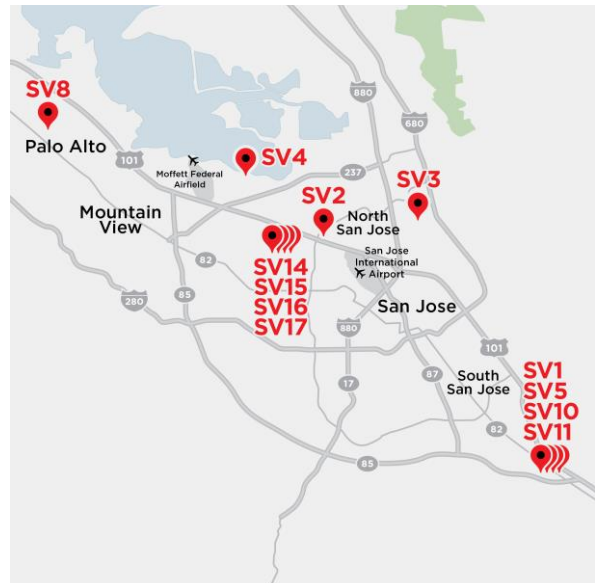
Our Silicon Valley colocation centers serve the highest concentration of technology companies with the largest peering hubs in the world. Top software, IT, engineering, computer, internet content, and microprocessor companies use our Silicon Valley colocation facilities to distribute high-availability, high-speed digital services. Silicon Valley is also home to Equinix's corporate headquarters.

Silicon Valley Data Centers Benefits

- Interconnections to one of the world's largest internet exchanges and peering
- Dense mix of top global networks, cloud service providers, digital content companies, and social media platforms
- Largest retail colocation footprint and densest interconnectivity in the Silicon Valley region, with many mature business ecosystems to match customers with the right business partners
- Direct connection available to Amazon Web Services
- Access to the two largest peering hubs in the Silicon Valley market
- International carrier connections, including China Telecom, AT&T and BT

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[Click here](#) to view the metro interconnection map.



Building

Space	
Colocation Space	82,849 ft ² (7,697 m ²)
Building Type	1-story, steel frame, metal skin, concrete slab on grade
Parking	Adjacent to building (for fee)
Floor Type	Slab
Floor Load Capacity	400 psf (19.15 kN/m ²)
Seismic Rating	
Seismic Design Category	4
Fire Protection	
Fire Suppression	Double-interlocked, pre-action (dry pipe)

Facilities

Power and Cooling	
Cabinet Density	2.4 - 3.0 kVA per cabinet
Power Distribution	120V/208V
UPS Configuration	Distributed redundant
UPS Redundancy	N+1
Standby Power Configuration	3 x 750 kW and 4 x 2,000 kW diesel generators
Standby Power Redundancy	N+1
Cooling Configuration	CRAH units, water-cooled centrifugal chillers and air handling units
Cooling Redundancy	N+1
Security	
Physical	Man trap entry
Human	24/7 on-site security officers
Electronic	Biometric readers, fiber vault, CCTV surveillance with 30-day retention, motion detection

Amenities

- Break Room
- Loaner Tools
- Showers
- Crash Carts
- Work Kiosks
- Wifi
- Conference Room

Products and Services

Data Center

- Private Cage
- Secure Cabinet
- AC Power Circuits
- DC Power Circuits
- Antenna
- Equinix Flex Space

Interconnection

- Equinix Fabric®
- Equinix Internet Exchange®
- Equinix Internet Access
- Metro Connect®
- Cross Connects
- Campus Cross Connect

Digital Infrastructure

- Equinix Precision Time®
- Equinix Metal
- Network Edge

Services

- [Smart Hands®](#)
- Equinix Smart Build
- Equinix Smart View

Find the latest product availability on [Equinix Marketplace](#)

Reliability

Our IBX data centers boast an industry-leading, high average uptime track record of >99.9999% globally.

Certification and Sustainability

Certifications

- SOC 1 Type II
- SOC 2 Type II
- ISO 27001
- ISO 22301
- NIST 800-53/FISMA
- PCI DSS
- HIPAA

Sustainability

- Certifications: ISO 50001:2018, LEED Gold
- Renewable Energy Coverage: 100% from RECs from wind VPPAs, and Green-e wind RECs
- Sustainable Tech: 4 MW Bloom Energy fuel cells (growing to 20 MW) installed as primary generation with utility electrical grid and generators as backup sources, HCAC, EV, LED lighting, Intelligent mode of operation on UPS

About Equinix

Equinix (Nasdaq: EQIX) is the world's digital infrastructure company™. Digital leaders harness Equinix's trusted platform to bring together and interconnect foundational infrastructure at software speed. Equinix enables organizations to access all the right places, partners and possibilities to scale with agility, speed the launch of digital services, deliver world-class experiences and multiply their value, while supporting their sustainability goals.