Data Center Technical Specifications

SV12x

Silicon Valley xScale® Data Center

123 Great Oaks Blvd
San Jose, California, 95119

+1.866.378.4649 (Customer Support)
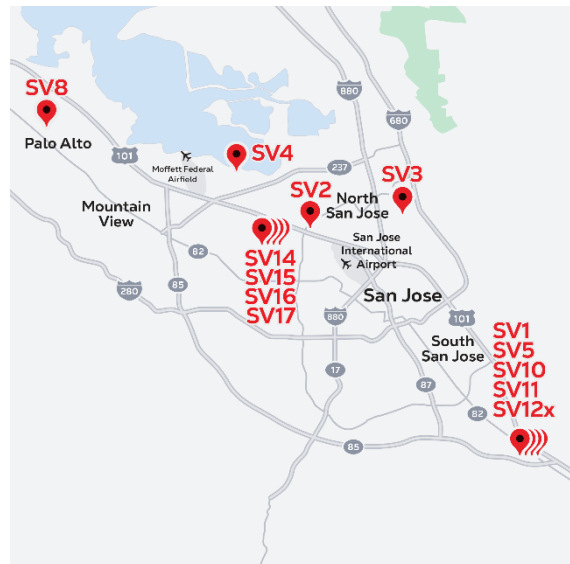+1.408.451.5200 (International)

support@equinix.com

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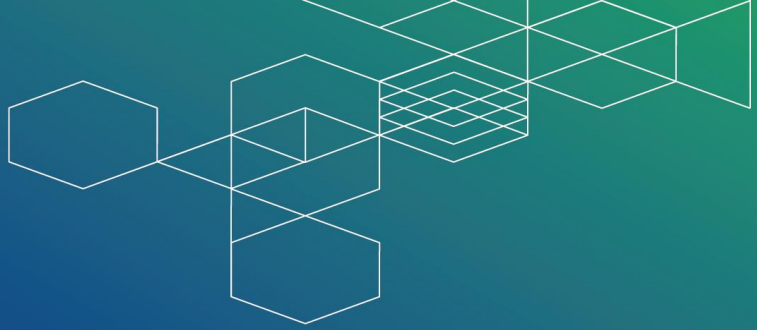
Our Silicon Valley colocation centers serve the highest concentration of technology companies with the largest peering hubs in the world. Top software, IT, engineering, computer, internet content, and microprocessor companies use our Silicon Valley colocation facilities to distribute high-availability,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

Silicon Valley xScale 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
- 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

Click here to view the metro interconnection map

Building

SPACE

Colocation Space	76,000 ft² (7,060m²)
Building Type	Two Story concrete and steel building
Parking	Adjacent to building (no charge)
Floor Type	Concrete Slab
Floor Load Capacity	250 psf (12 kN/m²)

FIRE PROTECTION

Fire Suppression	Sprinkler (wet and double-interlock preaction system)
Fire Detection	VESDA

Facilities

POWER AND COOLING

Power and Cooling Density	28.8 MW IT
Utility Feeders	Single Substation/dual non-redundant feeds with 21.6 kV supply
UPS Configuration	Block Redundant
UPS Redundancy	N+1
Standby Power Configuration	Low voltage 1 x 3,500KW diesel generator dedicated to each power block with 48hrs of onsite fuel storage
Standby Power Redundancy	N+2
Cooling Configuration	Air-cooled chiller and cool arrays providing flooded cold-aisle
Cooling Redundancy	Minimum N+1

SECURITY

Physical	Gated Entry into parking, Portal Entry at lobby, Goods Trap at Shipping and Receiving
Human	24/7 on-site security officers
Electronic	Card and biometric readers, AMAG CompleteView CCTV surveillance with 90-day video retention

Products and Services

Data Center

- Equinix Flex Space
- Antenna Rail

Interconnection and Services provided by Equinix

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

- HIPAA (targeted)
- ISO 9001 (targeted)
- ISO 22301 (targeted)
- ISO 27001 (targeted)
- NIST 800-53 (targeted)
- PCI-DSS v4.0 (targeted)
- SOC 1 and SOC 2 (targeted)

Green by Design

- LEED Certified (targeted)
- Site designed to meet ASHRAE A1A ranges

About Equinix

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. We enable our customers to access all the right places, partners and possibilities they need to accelerate advantage. With Equinix, they can scale with agility, speed the launch of digital services, deliver world-class experiences and multiply their value.