SANTA CLARA II DATA CENTER CAMPUS OVERVIEW

Expanding in Silcon Valley to Meet Customer Needs

FEATURES

- 9-acre campus
- Planned 75MW of critical IT load across three multi-story data center facilities
- Located less than two miles from our flagship Santa Clara campus
- Power provided by Silicon Valley Power, the leading energy provider in the region
- Three 50MW onsite substations
- Class A building amenities including offices, conference rooms, break rooms and more

SPECIFICATIONS

POWER	75MW of IT capacity
POWER DENSITY	Up to 200W/SF
DATA CENTER AREA	541,000+ SF

AMENITIES

- Customizable offices and workspaces dedicated to individual customers
- Complimentary WiFi
- Secure storage with easy access between data modules
- Large open-area space for customer use and events

POWER

- Powered by Silicon Valley Power
- Three onsite 50MW transformers
- 415/240V electrical distribution
- N+1 redundancy across all systems

COOLING

- Highly efficient chilled water loop system utilizes minimal water for maximum cooling
- Closed-loop chilled water system with water-side economizers
- N+1 redundancy across all mechanical systems
- Design supports water to the rack for high-density deployments (35kW+ per rack)

CONNECTIVITY

- Two diverse fiber paths into the campus (with ability to add a third)
- Both dark fiber and lit fiber services planned across campus
- Multiple diverse inbound laterals

SECURITY

- Onsite security operations center with patrols 24x7x365
- Perimeter security gates and fencing
- CCTV video surveillance from 200+ cameras across the campus
- Minimum of five layers of security protecting each customer's data module
- Visitor management system with controlled and monitored access points, as well as a stringent access control policy