



Santa Clara Data Center

SANTA CLARA, CALIFORNIA

QUICK FACTS

- QTS Santa Clara currently houses 55,000 sq. ft. of raised floor across two distinct data center buildings
- Caters to customers across a broad spectrum of businesses, including Web 2.0, media and entertainment, and multi-national corporations



BENEFITS

- Provides carrier-neutral connectivity and a full array of managed services offering complete solutions to business hosting infrastructure
- QTS Cloud Services and Managed Services are available to augment your current and future operations
- Monitored 24x7x365 by experienced QTS engineers



QTS Santa Clara provides ample expansion options in a stable and secure environment.

Data Center Campus in the Heart of Silicon Valley

The West Coast beachhead for QTS is the Santa Clara Data Center Campus. It is home to some of the world's largest enterprises and service providers. Located in the heart of Silicon Valley and reliable access and connectivity options, this is the perfect data center for growing businesses..

BUILDING SPECIFICATIONS

- 135,000 sq. ft. campus; Two distinct data center buildings
- 80,000 sq. ft. data center footprint
- 55,000 sq. ft. of raised floor
- Steel frame/concrete tilt up walls
- Office and conference room space available

POWER

- Building I
 - Power delivered via dual entrances from redundant Silicon Valley Power substations UPS in an N+1 configuration
 - 10,200 gallons of on-site diesel fuel with multiple refueling contracts
- Building II
 - Four (4) 600KW Liebert UPS in an N+1 configuration deliver 1.8MW of conditioned power to the data center floor
 - Supported by three (3) 2.0MW generators in a N+1 configuration
 - 19,800 gallons of diesel fuel on-site with refueling contracts
- All power cabling below floors is waterproof conduit encased, with waterproof connectors to all equipment

SECURITY

- All building entrances require card key access; Data center floor and secured areas require card key and biometric authentication
- Security guards on-site 24x7x365; Active patrols both inside and outside the campus
- The facility has security cameras for video surveillance of critical areas in and around the building with on-site and off-site logging and storage of video

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ABOUT QTS

QTS is a leading national provider of data center solutions and fully managed services. The company offers a complete, unique portfolio of core data center products, including custom data center (C1), colocation (C2) and cloud and managed services (C3), providing the flexibility, scale and security needed to support the rapidly evolving infrastructure demands of web and IT applications. With 10 locations in seven states, QTS owns, operates and manages approximately 3.8 million square feet of secure, state-of-the-art data center infrastructure and supports more than 875 customers.



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ENVIRONMENTAL CONTROLS

- Building I
 - Four (4) state of the art chillers provide cooling to the data center floor and non-critical office space, N+1 Chiller plant
- Building II
 - Two (2) state-of-the-art 500 ton chillers provide cooling to the data center floor and non-critical office space, N+1 Chiller plant
- Leak detection under all raised floor
- Supported by 24x7x365 computer monitoring and data center technicians

CONNECTIVITY

- Carrier-neutral facility providing access to multiple providers for local, fiber and Internet connectivity; Available carriers include:
 - AT&T
 - CenturyLink
 - Cogent
 - Comcast
 - Integra Telecom
 - Layer 42
 - Level 3
 - SiliconValley Power
 - TW Telecom
 - Verizon Business
 - XO Communications
 - Zayo Group
- Diverse entrances into building including multiple local central office redundancy with fiber and network access to multiple primary carriers
- QTS Metro Connect Service offers additional connectivity to providers in 11 Great Oaks (Carrier Hotel)
- Internal cabling, copper, coax or fiber access, to carrier bandwidth using cable management systems throughout the facility

FIRE DETECTION AND PROTECTION

- Building I
 - The building is equipped with a dual interlock pre-action dry pipe suppression system
 - A Fenwal FM-200 fire detection provides an additional level of fire suppression in the first floor data center
 - Very Early Smoke Detection Apparatus (VESDA) type smoke detectors provide enhanced protection for the second floor data center
- Building II
 - VESDA (Very Early Smoke Detection Apparatus) systems are implemented on all data floor spaces
 - Dual Zone Pre-action systems provide fire suppression via dry-pipe application

FACILITY MONITORING AND MANAGEMENT

- Data center technicians on-site and available by pager; Technicians trained to control and maintain all critical facility component
- Critical power systems are monitored and controlled by the Building Management System (BMS)
- Air temperature, humidity, fire detection, and water pressure all managed by automated control systems

 For more information about QTS visit QTSDATACENTERS.COM or call 877.QTS.DATA.