

Data Center Specifications: CA1

Building



LOCATION: Sacramento, CA

BUILDING SIZE: 250,000 SF

NEAREST AIRPORT: Sacramento International Airport

POWER: 12.6 MW of critical IT load

LOCATION STABILITY: Located on much more stable North American tectonic plate than Silicon Valley

FIRE PROTECTION: Double interlocked pre-action sprinkler system with VESDA monitoring system standard

Located in seismically stable Sacramento and driving distance from the Bay Area and Silicon Valley, CA1 features the most advanced data center architecture in the industry, backed up with a 100% uptime SLA and a 24x7 staff of highly trained professionals that will oversee your mission critical IT systems so you can focus on what's important: your business.

CA1's highly customizable colocation solutions are designed to meet the fast-paced demands of your business' mission critical IT systems. This data center's next generation, patented critical infrastructure and immense network connectivity options allow flexible and fast deployment of your secure cabinet or private caged environment.

100% Availability with 2N+2® Redundancy

This facility's 100% uptime SLA is unique in the data center industry. Our patented infrastructure systems go beyond industry-standard N+1 redundancy to an impenetrable 2N+2 redundancy, with the ability to support ultra high densities up to 22 kW per rack.

Location

The west coast data center facility is located in Sacramento, California, just a short drive from Silicon Valley and the Bay Area - yet in a much more seismically stable area. There are numerous hotels, restaurants, and local attractions nearby, and we're just 15 minutes from Sacramento International Airport.



Security

BUILDING AND PERIMETER: Fenced campus with no public access

SECURITY OFFICERS: 24 x 7 x 365

ACCESS CONTROL: Multifactor identification and multi-level security zones

MONITORING: Digital pan-tilt-zoom cameras that monitor all data center secure areas, parking lots, entrances and roof monitored at all times by 24x7x365 security staff



Power

CRITICAL IT LOAD: CA1–12.6 MW

SCALABILITY: Scalable up to 22 kW per rack

MAINTANENCE: Concurrently maintainable and fault tolerant

SUBSTATION: Dedicated redundant 69kV substation

INFRASTRUCTURE: Highly intelligent and self-healing infrastructure management system integrated into Operations Control Center monitoring system



Cooling

SCALABILITY: Scalable beyond 260 watts per square foot

AVAILABILITY: 100% availability

SYSTEMS: Centralized industrial chiller plant with automatic controls to maximize operating efficiency and PUE

AIR HANDLERS: Computer room air handlers at N+2 redundancy



Connectivity

This data center exclusively operates carrier neutral data centers, because we believe that when it comes to choosing your telecommunications provider, choice is everything. And we give you lots of freedom to choose – both the Sacramento and Ashburn data center campuses have a multitude of local, regional, and national fiber providers built in to our facilities.

CARRIERS:

- AT&T
- CenturyLink
- Cogent
- Comcast
- Digital Transportation Corp.
- Integra
- Level 3
- NTT Communication
- Surewest
- tw telecom
- Verizon
- XO
- Zayo