

Data Center Specifications: VA1

Building



LOCATION: Ashburn, VA

BUILDING SIZE: 150,000 SF

NEAREST AIRPORT: Dulles International Airport

POWER: 14.4 MW of critical IT load

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

This robust east coast data center facility is located in Ashburn, Virginia, one of the world's busiest telecommunications hubs. It is backed by a 100% uptime SLA and a 24x7 staff of highly trained professionals that will oversee your critical IT infrastructure so you can focus on running your business.

VA1's highly customizable colocation solutions are designed to meet the fast-paced demands of your business' mission critical IT systems. Our next generation critical infrastructure and immense network connectivity options allow flexible and nimble deployment of your ultra-secure, private caged environment or cabinet.

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 power densities up to 22 kW per rack.

Location

Located right in the heart of Ashburn, Virginia's "Data Center Alley", ANEXIO's VA1 facility is a convenient 10 minutes from Dulles Airport and 45 minutes from Washington DC.



Security

BUILDING AND PERIMETER: In-house security staff

SECURITY OFFICERS: 24 x 7 x 365

ACCESS CONTROL: Multifactor identification and multi-level security zones. Mantraps and secure doors to prevent tailgating and data floor access

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: VA1–14.4 MW

SCALABILITY: Scalable up to 22 kW per rack

MAINTANENCE: Concurrently maintainable and fault tolerant

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 – ANEXIO's VA1 data center offers a multitude of local, regional and national fiber providers built in to our facilities.

CARRIERS:

- BroadAspect
- Cogent
- Comcast
- Datatility
- FiberLight
- InterNAP
- Level 3
- Lighttower
- NTT Communications
- SummitIG
- Verizon
- XO
- YellowFiber
- Zayo