

DULLES CAMPUS - IAD2

The Vault campus delivers cloud, managed hosting and colocation services requiring industry-specific compliant solutions, including FISMA, DIACAP, HIPAA, SOX, FedRAMP and PCI DSS, while providing superior integrated hosting services, carrier/network connectivity and 24x7 security.



LOCATION

- Dulles, VA
- Location Orientation: 29 miles to the White House
- From Airports: 4.5 miles to Dulles International Airport (IAD); 31 miles to Reagan National Airport (DCA); 60 miles to Baltimore-Washington International Airport (BWI)
- Parking: Adjacent building parking available (no charge)

SQUARE FOOTAGE

- Leased: 64,000 sq.ft.
- Colocation Area: 30,821 sq. ft.
- Flex Space: N/A
- Satellite Platform: 1,000 sq. ft.

COOLING

- Cooling Capacity: 4kW per cabinet (higher densities available)
- Cooling Plant: Air-cooled, RTUs with adiabatic humidification

TELCO INFORMATION

- NPA/NXX: 703-840
- CLLI Code: ASBNVAAS
- LEC: VERIZON
- LATA: 246

POWER

- Electrical Capacity: 4kVA per cabinet (higher densities available)
- UPS Configuration: N+1, Block Redundant System
- # of Utility Feeders: 1
- # of Power Transformers: 3
- Utility Voltage: 34.5 kV, 3-phase
- Standby Power: 4–3,000 kW diesel engine-generator power
- Standby Power Configuration: N+1, Block Redundant

SECURITY

- Physical: “Man trap” entry; perimeter fencing
- Human: 24x7 armed security guards
- Electronic: CCTV and recorders; motion detection; hand geometry; readers; fiber vault

BUILDING

- Construction Type: 2C Unprotected
- Building Type: Two story, precast concrete slab on grade
- Floor Load Capacity: 175 PSF



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BUILDING CODE COMPLIANCE

- Building: 2009 Virginia State Building Code (VSBC)
- Mechanical: 2009 International Mechanical Code
- Plumbing: International Plumbing Code
- Electrical: 2008 National Electric Code
- Life Safety: 2009 NFPA 13: Installation of
- Sprinkler Systems; 2009 NFPA 72: National Fire Alarm Code
- Other: ADA Guidelines

LATERAL LOAD DESIGN

- Seismic EPV(Av): $A_v = 0.05$
- Seismic EPA(Aa): $A_a = 0.05$
- Seismic Hazard Exposure: Site Class C
- Seismic Importance Factor I_e : N/A
- Seismic Zone: 1
- Wind Exposure: 90 mph basic wind speed
- Wind Importance Factor: $I_w = 1.15$

FIRE PROTECTION

- Fire Suppression: Double-interlocked, pre-action (dry pipe)
- Fire Rating: Minimum 1 hour rating

INTERCONNECTION OPTIONS

- System: Overhead proprietary cable tray system with multi-tier ladder rack
- Cross Connects Available: Single- Mode fiber, Multi-Mode fiber (62.5 and 50 micron), CAT5, CAT6, CAT5 (T1) and CAT3 (POTS)
- Intra-Building Innerduct (IBID) Available: a dedicated private path via a conduit between buildings or customers
 - Each private path innerduct is 1.25" in width.
 - Customer runs their own Single-Mode fiber within the innerduct which can potentially fit 432 standard cross connects.