

# Data Center Specifications: VA3



## Building



**LOCATION:** Reston, VA

**ACREAGE:** 9

**BUILDING SIZE:** 256,000 SF

**NEAREST AIRPORT:** Dulles International Airport (IAD)

**UTILITY POWER:** 34.5 kV

**PARKING:** 69 spaces

**NUMBER OF STORIES:** Three, plus penthouse

**LOADING DOCKS:** Three dock bays; two with levelers, one with scissor lift

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

Minutes from the nation's capital, in the bustling technology corridor of Northern Virginia, DFT's VA3 data center keeps your business in the center of the action. VA3 sits on nine acres and offers plenty of room to work and grow. The facility includes three stories of state-of-the-art computer rooms plus a penthouse packed with N+2 backup diesel generators. In total, VA3 delivers 13.0 megawatts of critical load capacity for your essential servers.



## Computer Room Specifications

**SIZE:** 15,000 SF of raised-floor space (average)

**CRITICAL POWER CAPACITY:** 1300 kW

**CRITICAL POWER:** 13 MW



## Data Center Area Description

**COMPUTER ROOM FLOOR:** 147,000 SF

**NUMBER OF COMPUTER ROOMS:** 10

**RAISED-FLOOR HEIGHT:** 28"

**COMPUTER ROOM FLOOR-TO-CEILING HEIGHT:** 14'

**OFFICES:** 15 offices

**STAGING:** N/A



## Security

**BUILDING AND PERIMETER:** Fully monitored by CCTV cameras and security officer patrols

**SECURITY OFFICERS:** 24 x 7 x 365

**ACCESS CONTROL:** Electronic security features with access card entry and dual authentication with biometric readers

**CCTV:** Yes (minimum 95-day video retention)



## Communications

**POE:** Two separate network POEs with diverse underground duct banks leading into the facility

**CONDUITS:** Diverse cable pathways to each computer room

**MULTIPLE CARRIERS:** DFT is carrier-neutral

**MEET-ME-ROOM:** Available



## Systems

**UPS SYSTEMS:** Twelve 1,336 kW rotary UPS. Redundancy: N+2

**GENERATORS:** Eighteen 2,250 kW diesel-engine generators  
Redundancy: N+2, each phase

**HEAT REJECTION SYSTEMS (HVAC):** Six centrifugal chillers, each with 970-ton capacity. Redundancy: N+2. Secondary makeup water supply: Underground water well system

**PDU:** Voltage: 208/120 V. Redundancy: N+1

**ONSITE FUEL CAPACITY:** Three 40,000-gallon underground diesel-fuel storage tanks. Minimum 60 hours fuel run time



## Connectivity

- Amazon Web Services
- AT&T
- Cogent Communications
- FiberLight
- Level 3 Communications
- Net Data Centers
- Orange
- Sidera Networks
- T Systems
- Verizon
- Verizon Business
- XO
- Zayo