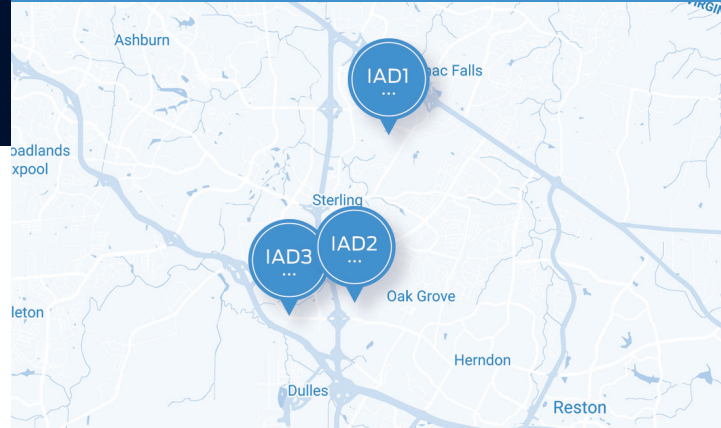




# IAD1 Campus Specifications

Sterling, Virginia

21110 Ridgetop Circle, Sterling, VA 20166



## MARKET SUMMARY

Washington, D.C. is home to Fortune 500 companies and some of the most important financial institutions in the world.

The capitol also hosts the largest IP peering connection point in North America. Combined, the Cyxtera Washington, D.C. area data centers supply 556,457 square feet of data center space that empowers this vital communications nucleus. Designed to meet strict networking and IT security demands of enterprise, government and financial institutions, Cyxtera data centers offer failsafe critical systems infrastructure, powerful cross connects and multi-tier security measures that can be augmented for specific security requirements. From these facilities, technology connects markets across the globe.

## DATA CENTER CAMPUS SUMMARY

Located in Sterling, Virginia the IAD1 campus is composed of three single-story, purpose-built fiber-linked buildings in the heart of the Dulles data center corridor, just 7 miles from Dulles International Airport and 30 miles from Reagan National Airport. The data centers are located outside the 100-year flood zone and its critical exterior perimeter walls, doors and windows are constructed of materials that provide UL Standard #752, Level III Ballistic Protection.

## MARKET BENEFITS

Three campuses totaling 556,457 sq/ft and over 47 MW of power

Local site diversity ideal for active-active workload deployments across multiple centers

Customer community of 380 government departments, financial services firms and other large enterprises

Compliance with SSAE18 SOC-1, ISO 27001, PCI DSS, NIST 800-53PE, and HITRUST standards

Uptime Institute M&O Stamps of Approval

Connectivity to 15 unique network service providers and an average of 8+ providers per data center supporting our nation's capital

Solution deployment options include individual Secure Cabinets and dedicated Secure Cages

Full amenities including break rooms, conference rooms, Wi-Fi, crash carts, and work kiosks

## TECHNICAL SPECIFICATIONS

### Buildings

- Three single-story purpose-built data centers
- Total building interior 355,513 sq/ft
- Total raised floor 218,000 sq/ft

### Security

- 24x7 video surveillance
- 90-day video storage
- Gated security fence<sup>1</sup>
- Two-factor authentication required to access
- Biometric scanners and badge readers
- Entrance mantraps
- Ballistic paneling in lobby
- Bulletproof glass

### Fire Detection and Suppression Summary

- VESDA provides early warning detection
- Pre-action dry pipe sprinkler system

### Connectivity

- Copper and fiber optic cross connects
- Dual diverse fiber entrance facilities
- Carrier neutral interconnection area
- Roof rights for antenna placement
- See [www.cyxtera.com/data-center-services/data-center-locations/washingtondc](http://www.cyxtera.com/data-center-services/data-center-locations/washingtondc) for complete carrier list

### Reliability

- Uptime Institute M&O Stamp of Approval for operational excellence
- Temperature and humidity maintained to ASHRAE standards
- 100% Uptime SLA

### Support Services

- Gold Support (remote hands)
- Structured Cabling
- Secure on-site spare and tool storage

### Sustainability and Efficiency

- Wireless sensors
- Smart lighting

### Certifications and Compliance

- SSAE18 / ISAE 3402 SOC Type I
- ISO27001
- PCI DSS 3.0/3.1
- NIST 800-53 PE
- HITRUST
- Uptime Institute Management & Operations Stamp of Approval

### Amenities

- Free secure Wi-Fi
- Break room
- Food and beverage vending machines
- Crash carts and loaner tools
- Work kiosks
- Conference room

<sup>1</sup> One of three buildings (pods IAD1-C and IAD1-D) is surrounded by gated security fence

Data Center Pod	Utility Power	UPS Capacity	UPS Configuration	Generator Capacity	Generator Configuration	Fuel Capacity	Cooling Capacity	Cooling Configuration	Raised Floor Height
IAD1-A	7.5 MW	7.0 MW	N+2	7.8 MW	N+1	12,000 Gal.	1,470 Tons	N+1	12"
IAD1-B	8.0 MW	7.5 MW	N+1	12 MW	N+1+1	12,000 Gal.	1,600 Tons	N+1	24"
IAD1-C	16.0 MW	7.5 MW	N+1	22.0 MW	N+1+1	70,000 Gal.	3,750 Tons	N+2	30"
IAD1-D		7.5 MW	N+1						

