



# NORTHERN VIRGINIA MARKET

CORESITE'S RESTON AND WASHINGTON D.C. DATA CENTERS PROVIDE THE INTERCONNECTED, SCALABLE FOUNDATION THAT BUSINESSES NEED TO DRIVE DIGITAL TRANSFORMATION GLOBALLY.

CoreSite's Northern Virginia market consists of two multi-facility data center campuses — one in Downtown D.C. and another in Reston, Virginia. Both campuses provide native access to over 340 cloud, network, and IT providers, as well as nearly unlimited capacity to scale as business requirements evolve. Whether you need a global gateway to do business, or compliant infrastructure to build a hybrid cloud environment, we have you covered.

## ONE DATA CENTER PROVIDER. **EVERYTHING YOU NEED.**

### FACILITIES

**Room to Grow:** Whether you need a single rack or a private suite, we can rapidly meet nearly any footprint requirement, and cost-effectively grow with your evolving needs

**Business Continuity:** Reston offers geographic diversity from Ashburn, offering the benefits of a leading communication hub, with the peace of mind that comes with market diversity

**Compliance:** Physical infrastructure that meets nearly any compliance requirement — including HIPAA, ISO 27001, PCI DSS, SOC 1 Type 2 and SOC 2 Type 2

### CONNECTIVITY

**Network Connectivity:** Our network-neutral data centers allow you to create a more efficient IT architecture with access to your choice of providers within the facilities, including SDNs, global carriers, subsea networks, metro providers and more

**Cloud Access:** We are one of the only providers in Northern Virginia to offer native, direct connections to leading cloud services including AWS Direct Connect, Microsoft Azure ExpressRoute, Oracle Cloud FastConnect and IBM Cloud Direct Link

**Peering and Cloud Exchanges:** Connect to CoreSite's Any2Exchange® or LINX NoVA for Internet peering, or gain one-to-many access to cloud providers of your choice through the CoreSite Open Cloud Exchange®



## AVAILABLE CLOUD PROVIDERS

CoreSite  
OPEN CLOUD  
EXCHANGE\*



## SUBSEA CABLE NETWORKS

- Hibernia Express
- Hibernia Atlantic

## WHY NORTHERN VIRGINIA?

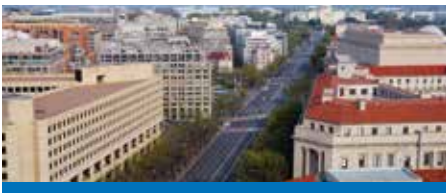
### Reston

In addition to an easier commute to DC, Reston offers VEDP tax exemptions that can provide significant savings on equipment and software.

### D.C.

Finding scalable capacity downtown is nearly impossible — DC2 offers opportunities for businesses to grow in the heart of downtown.

## FACILITY FEATURES



### DC1

Square Feet

**22,000+**

Networks

**35+**

#### Amenities



WiFi



24/7/365  
Tech lounge  
w/ kitchen



Conference  
room



### DC2

Square Feet

**24,000+**

#### Amenities



WiFi



Conference  
room



### RESTON CAMPUS

Square Feet

**1,330,000+**

Networks

**50+**

#### Amenities



WiFi



Tech Lounge  
w/ kitchen,  
TVs, &  
couches



Conference  
room



Office  
space



On-site  
parking

		DC1	DC2	RESTON	
SPACE	Facility Size	22,000+ sq. ft. of data center space	24,000+ sq. ft. of data center space	1,330,000+ sq. ft. of data center space (campus total)	
	Deployments	Cabinets and cages	Cabinets, cages and private suites	Cabinets, cages, private suites and build-to-suit	
		Rooftop space available			
	Power Availability	AC and DC			
Fitout	Turn-key				
CONNECTIVITY	Peering Exchanges	Any2Exchange® for Internet peering and LINX NoVA			
	Diversity	Diverse POEs, MDFs and IDFs			
	Carrier Availability	See our carrier list located at <a href="https://www.coresite.com/resources/carrier-list">CoreSite.com/resources/carrier-list</a>			
	Cross Connects	Fiber, copper and coaxial			
SECURITY	Access	Key cards, biometric scanners and controlled site access			
		Camera monitored entries	Mantrap entries		
	Cameras	Perimeter and interior IP-DVR			
	Security Officers	24/7/365 remote security monitoring	24/7/365 in-house and on-site security qualified personnel		
RELIABILITY	Utilities	Single utility feed from highly stable White House utility grid	Single utility feed	Diverse DVP substations	
	Generators	N redundancy	N+1 redundancy		
	Operations	24/7/365 remote hands			
	Uptime	100% uptime SLA			
	Fuel Storage	24 hours, on-site	15 hours, on-site	A minimum of 24 hours, on-site	
	Water Storage	-		City water, up to 8 hours of thermal storage	
	UPS/PDU/RPP	2N redundancy	Distributed redundant	N, N+1, 2N redundancy	
	Mechanical	N+1 dry cooler systems and CRAHs	N+1 rooftop air-cooled chillers		N+1 campus cooling towers and chiller plant
		2N glycol pumps	N+1 in-room CRAH units		N+1 in-room AHU
		Hot/cold aisle configuration	-		Water-side economization
BMS Controls	State-of-the-art mission-critical controls and monitoring				
STRUCTURE	Floor Loading	150 lbs./sq. ft.	115 lbs./sq. ft.	Up to 312 lbs./sq. ft.	
	Clear Height	9' above solid floor	9'	Up to 10' above 36" raised floor	
	Elevators	Passenger: 6'6" w x 5' d x 9' h (3,000 lbs.)	Multiple passenger elevators available		Multiple passenger and freight elevators available at every location
		Freight: 6'6" w x 5' d x 9' h (3,000 lbs.)	Freight elevator capacity of 6,000 lbs.		
	Loading Dock	Grade level loading dock at the lobby level	Grade level loading dock		Grade loading with ramp
		-	(5) bay 48" loading dock with leveler		Exterior 4' dock height with levelers
		-	24/7 access for shipping/receiving		-
	Hardened Exterior	Roof designed to withstand 90 MPH winds	-		-
	Column Spacing	Floor 1: 22' x 17'	30'x30'		-
		Floor 2: 17' x 17'			
EFFICIENCY	Cooling	-	Computer room air handlers with variable speed fans	Variable speed CRAHs and ultrasonic humidification	
		-	-	State-of-the-art chillers with evaporative condensing units for air and water-side economization	
	Electrical	High-efficiency UPS systems			
	Life Safety	Dual-interlock pre-action dry-pipe sprinkler system	-		Dual-interlock pre-action dry-pipe sprinkler system
	Lighting	Motion sensing, T8 fixture illumination	LED lighting		Lutron Eco-System lighting
	Monitoring	RF Code readers for pin-point accuracy of temperature and humidity within customer deployments			



“

We've been with CoreSite for nearly seven years and the reason we keep choosing CoreSite solutions is because no other vendor can provide the same combination of worldclass technologies, high-touch customer service, and 100% uptime. It truly is the gold standard for data centers in our industry.

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**Ron Offer, CEO**  
Integrity Virtual IT

## SCALABILITY IN **EDGE MARKETS**

If you need colocation with connectivity options to clouds and networks, but also require the flexibility to expand as your compute needs evolve, we've got you covered. We are constantly investing in expansions and developments to ensure our customers can continue to grow with us. For more information on CoreSite in other markets nationwide, please visit [coresite.com/data-centers/locations](https://coresite.com/data-centers/locations)



### **RESTON, VA**

- **VA3:** Undergoing expansion - 50,000 sq. ft. (6 MW)

*Expected to come online Q1 2019*