



Element Critical Northern Virginia One

7990 QUANTUM DRIVE
VIENNA, VA 22182



FACILITY
TIER III
CONCURRENTLY
MAINTAINABLE



BUILDING SIZE
200,000 SQ FT



RAISED FLOOR
87,560 SQ FT
24" RAISED FLOOR;
SLAB-ON-GRADE



PARKING
514 PARKING SPACES



element critical
essential technology facilities

Element Critical Northern Virginia One

Located on the beltway and less than 500 meters from the original MAE-East Internet Exchange Point, this fiber-rich building was acquired in late 2016 and renovated to meet the high densities and demands of today's enterprise user. Conveniently situated just 1.5 miles from the Tyson's Metro Station, the facility is 14 miles from both Dulles (IAD) and Reagan (DCA) airports.

SECURITY

- 24x7x365 On-Site Staff
- 90-Day Video Archiving
- Dual-Authentication Card Access
- Mantrap and Motion Detection

NETWORK

- Carrier Neutral
- 2 Diverse Conduit Entry Paths
- 2 Meet-Me-Rooms
- Roof Rights Available
- On-Net Carriers: Lumen (Century Link), Crown Castle, Zayo, Fiberlight, Verizon Core, Verizon Business (MCI), Atlantic Metro, Cox Communications, Cogent
- Near-Net Carriers: AT&T, Sprint, Comcast, XO, Time Warner Cable, Lighttower Cable, Sunesys, and Summit IG

POWER

- Total Utility Power: 10MW (Expandable to 15+ MW)
- Total IT Load: 6.5 MW
- Density Range: 4-35 kW/Rack (Cabinets, Cages, and Suites)

FIRE PROTECTION

- VESDA Smoke Detection
- Double-Interlock, Pre-Action, Dry-Pipe Fire Suppression

AMENITIES

- Burn-in, Breakdown, & Storage
- High-Speed Wi-Fi
- 2 Loading Docks

BACKUP POWER

- 8 Diesel Generators
- Diesel On-Site: 50,000 Gallons
- UPS Redundancy: N, N+1

COOLING

- Total Capacity: 1450 Tons
- (6) 250-Ton Air Cooled Chillers
- Unity Redundancy: N+1
- CRAH Configuration: N+20%

COMPLIANCE

- System and Organization Control - SOC 1: type 1 and 2, SOC 2: type I and 2
- HIPAA, PCI DSS



About Element Critical

Founded in 2014, Element Critical is a solutions engineering, customer-centric data center provider with facilities in Silicon Valley, Northern Virginia, Houston, and Chicago.

Element Critical is led by a team of data center industry veterans with decades of experience building and developing colocation facilities nationally. The company's core mission is to deliver secure, performance-driven, flexible, and adaptable data center solutions supporting virtually any IT requirement.

Partnering with leading financial firms from around the globe provides a strong foundation for continued growth, expansion, and portfolio development across domestic and international markets.

FOR LEASING INQUIRIES

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