



element critical
essential technology facilities

Property Highlights

Element Critical Northern Virginia

7990 Quantum Drive, Vienna, VA

Tier III, Concurrently Maintainable

Building Size: 200,000 sq. ft.

Raised Floor: 14.4 acres

24" Raised Floor; Slab-on-Grade

Parking: 514 Parking Spaces



Element Critical Northern Virginia at a Glance

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 Tysons Metro Station, the facility is 14 miles from both Dulles (IAD) and Reagan (DCA) airports.

Fire Protection

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

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: Level 3, Verizon, Fiberlight, Atlantic Metro, Cox Communications
- Near-Net Carriers: AT&T, Sprint, Cogent, CenturyLink, Comcast, Zayo, XO, Time Warner Cable, Lighttower Cable, Sunesys, Summit IG

Amenities

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

Power

- Total Utility Power: 10MW (Expandable to 15+ MW)
- Total IT Load: 6.5 MW
- Density Range: 4-30 kW/Rack (Cabinets, Cages, and Suites)

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%

About Element Critical

Founded in 2014, Element Critical is a customer-focused data center provider with facilities in Silicon Valley, Chicago, and Northern Virginia. Industry veterans lead a world-class team of operations and support staff committed to delivering secure, dependable infrastructure that enables the mission-critical applications and service offerings of its customers.

Element Critical's financial partners provide the foundation for rapid expansion into key domestic and global data center markets in 2019 and beyond.

For Leasing Inquiries

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