

FREDERICKSBURG DATA CENTER CAMPUS OVERVIEW

Expanding Our Presence in the Commonwealth to Meet Customer Needs



FEATURES

- 82-acre campus
- 192MW of critical IT load
- Three, two-story data centers once fully developed
- 929,000 SF
- Up to 500kW per row
- Class A building amenities including office, conference rooms, break rooms and more

SPECIFICATIONS

POWER	192MW of critical IT load
POWER DENSITY	Up to 500kW per row
SQUARE FEET	929,000 SF

AMENITIES

- Customizable offices and workspaces dedicated to individual customers
- Secure storage with easy access between data modules
- Multiple conference rooms and meeting spaces throughout the campus
- Proximity to local amenities, including restaurants, shopping, entertainment and the Stafford Airport

POWER

- Power provided by Dominion Energy, the leading energy provider in the region
- Private 270MW on-site substation providing reliable, dedicated power
- 480V end-to-end electrical distribution

COOLING

- Closed-loop chilled water system
- Option for liquid-to-liquid system with CDU-based equipment capable of handling 100% of IT loads
- N+1 redundancy across all mechanical systems
- Water Utilization Efficiency (WUE) will be near zero (liters/kW/hr) using the latest cooling design

CONNECTIVITY

- Two Meet-Me-Rooms (MMRs) per data center allowing for diverse paths and multiple connectivity options
- One point-of-entry (POE) per building ensuring maximum path diversity for inbound carriers
- Diverse fiber pathways into the campus (minimum 2 paths per carrier)

SECURITY

- On-site security operations center with patrols 24x7x365
- Perimeter security gates and fencing
- CCTV on all access control points throughout the entire campus
- Visitor management system and badging to control and track onsite personnel all the time