ASHBURN III DATA CENTER CAMPUS OVERVIEW

Vantage's third campus in the world's largest data center market.

FEATURES

- 134-acre campus
- 288MW of critical IT load
- Seven data centers
- 2.3 million SF
- 300W/SF average density
- Class A building amenities including office, conference rooms, break rooms and more

SPECIFICATIONS

POWER	288MW of IT capacity
POWER DENSITY	Up to 300W/SF
SQUARE FEET	2.3 million 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 multiple airports

POWER

- N+1 redundancy
- Power provided by two dedicated substations with transmission from Dominion Energy, the leading energy provider in the region
- Multiple, diverse power feeds supporting the campus
- 480V end-to-end electrical distribution

COOLING

- Computer Room Air Handling (CRAH) units located in two galleries on opposite sides of each data module allow for highly efficient airflow distribution
- Closed-loop chilled water system with air-side economizers
- N+2 redundancy across all mechanical systems
- Water Utilization Efficiency (WUE) will be near zero (liters/ kW/hr) using the latest cooling design

CONNECTIVITY

- All major fiber-based service providers operating within a few miles of the campus
- Multiple Meet-Me-Rooms (MMRs) throughout the campus allowing for diverse paths and multiple connectivity options
- Four points-of-entry (POEs) into the campus ensuring maximum path diversity for inbound carriers
- Diverse fiber pathways into the campus (minimum two 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
- Dual authentication (access badge/PIN and biometric readers) for customer and critical infrastructure areas
- Visitor management system and badging to control and track onsite personnel all the time