



QTS ASHBURN-BRODERICK

QTS Ashburn is uniquely positioned to capitalize on the demand for world-class data center capacity in the area, including the world's most sophisticated data center users. Designed to meet rapid, large scale deployments, QTS Ashburn offers one of the most flexible, efficient builds in the region. Located a quarter of a mile from QTS' existing Vault campus in Dulles, the site provides significant potential capacity to support QTS' ongoing growth in the nation's largest and fastest growing Tier 1 data center market.

Building Specifications

- 427,320 sq. ft. facility
- 172,000 sq. ft. raised floor
- 4,308 sq. ft. leasable office space
- 125mph wind resistant data center

Power

- Configuration Options: N+1 block or distributed redundant
- 36MWs of critical power capacity
- 2.66MW nominal critical power capacity per data hall
- Generators with on-site fuel storage of 30 hours
- 19 Generators at 480V each; 1 house generator

Cooling

- 14 water cooled centrifugal chillers
- 28 variable speed forced updraft cooling towers
- 120 CRAH units
- 14 plate and frame heat exchangers
- 12 hour condenser water storage in interior tanks
- Air-side economizers pull colder outside air into the facility for free cooling
- Fully automated Building Management System providing remote indications and operations capabilities
- WonderWare monitoring for electrical systems
- Leak detection monitoring

QUICK FACTS

- 4.5 miles to Dulles International Airport (IAD)
- On-site rainwater collection system
- 1 mile from Interconnection point





Network Carriers

On-net Carriers

- Crown Castle
- SummitIG
- Verizon
- Zayo Group

On-net Carriers (via campus cross connect)

- Comcast
- FiberLight
- Hurricane Electric
- Megaport
- PacketFabric

Secure Connectivity

- 2 diverse points-of-entry for fiber entering the building
- Two diverse paths to QTS Ashburn-Moran (approx. 3,000 ft)
- Multiple diverse paths to local carrier hotel
- Two distinct zero manholes on site; connected to two MRRs
- MRRs connected via secure below-slab conduit systems for maximum network diversity
- Conduit duct banks are hardened, alarmed, and monitored

Security

- Enhanced K12 rated perimeter security fencing
- Fixed and pan-tilt-zoom cameras covering property and entry points
- Single entry point with gated access
- Vehicle bollards
- Biometric and iris scan required to enter data hall through the security vestibule
- Security guards on-site 24x7x365

Compliance

- SOC 1 (Implementing in 2019)
- SOC 2 (Implementing in 2019)
- PCI (Implementing in 2019)
- ISO 27001 (Implementing in 2019)
- FISMA
- HITRUST (Implementing in 2019)

BENEFITS

- Large obstruction free data halls, ideal for enterprise businesses
- Customizable power and space with campus and regional growth opportunities
- Standardized design across data halls, mechanical and cooling allows for flexible, scalable and rapid delivery

