QTS Ashburn-Broderick
22271 Broderick Drive, Sterling, Virginia 20166

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
- Fully automated Building Management System providing remote indications and operations capabilities
- WonderWare monitoring for electrical systems
- Leak detection monitoring

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 24×7×365

Sustainability
- LEED certified
- Air side economizers pull colder outside air into the facility for free cooling
- On-site rainwater collection system
- Dedicated EV charging spots available on-site

Compliance
- SOC 1
- SOC 2
- PCI
- ISO 27001
- FISMA HIGH
- HITRUST

Quick Facts
- 4.5 miles to Dulles International Airport (IAD)
- Part of a QTS multi-campus Northern Virginia footprint with 60+ acres of land for current and future buildings
- Large obstruction free data halls, ideal for enterprise businesses
- Standardized design across data halls, mechanical and cooling allows for flexible, scalable and rapid delivery
- 1 mile from Interconnection point
## QTS Ashburn-Broderick

### Connect Anywhere Solutions to Meet Your Terms and Your Timelines.

QTS Ashburn-Broderick is a carrier-neutral data center that provides access to a thriving ecosystem of on-net carriers and network partners, MegaX peering exchange, SDNs and on-demand QTS solutions. With redundancy at the forefront, this facility includes multiple fiber entrances – locked, alarmed and monitored 24/7.

### QTS Switchboard Connectivity Service

Self-service virtual connections to clouds, carrier hotels, and between QTS Data Centers from one dedicated port, in minutes. Deploy quicker while producing substantial cost savings as additional connections are provisioned.

### 21715 Filigree Court Carrier Hotel

- **One Port**
- 21715 Filigree Ct Carrier Hotel
- To 11 QTS Data Centers
- Intra Data Center

### Connecting to the Internet

#### QTS internetConnect

Fully redundant internet service managed by QTS network engineers. Provides secure internet service via six backbone Internet Service Providers with dual, diverse entry. Easy access reporting.

#### Internet/Peering Exchange

Cost effective method to exchange IP traffic with content providers, enterprises and ISPs from with members of the MegaX peering exchange.

#### Network Carriers

12+ network providers to fit your timeline, budget and technical requirements.

### Highlights

- On-demand access to AWS, Azure and Google Cloud Platform via QTS Switchboard
- On-demand access to all major clouds via Megaport and PacketFabric
- On-demand access to local Carrier Hotel via QTS Switchboard
- Dark, Lit, IP and Interconnection services available
- Multiple internet service options
- Self-service ordering of cross connects

### On-Net Carriers & Providers

#### SDNs

- Megaport
- PacketFabric

#### On-Net Network Carriers

- Century Link Level 3
- Cogent
- Comcast
- Crown Castle
- Fiberlight
- Hurricane Electric
- Summit IG
- Verizon
- Zayo Group

### Internet/Peering Exchange

- Megaport MegaX