



# QTS Richmond

6000 Technology Boulevard, Sandston, Virginia 23150

## Building Specifications

- 1,300,000 sq. ft. facility
- 550,000 sq. ft. raised floor
- Leasable office space available
- Additional 1 million sq. ft. raised floor available for expansion

## Power

- Configuration options: N+1, 2N
- 110MW of critical power capacity
- 44MW of UPS power
- 17 generators
- On-site substation with a primary and redundant feed from utility company, currently delivers 100MVA to facility, upgradeable to 220MVA

## Cooling

- 25,000 tons of evaporative cooled chiller units
- Up to 100-ton capacity CRAC and CRAH units
- Temperature and humidity sensors installed in data halls providing remote indications and alarms to on-site and off-site facility personnel
- VESDA smoke detection above and below raised floors
- Fully automated Building Management System providing remote indications and operations capabilities
- WonderWare/EPMS monitoring for electrical systems

## Security

- Energized campus perimeter fencing
- K-12 delta vehicle barriers with K-12 rated fencing at all vehicle entrances
- National Institute of Justice (NIJ) Ballistic Level 3 rated screening facility
- Metal detection devices and x-ray scanning instruments employed on-site
- Central command center with 24x7x365 security staff and patrolling armed security officers
- Fixed and pan-tilt-zoom cameras covering property and entry points
- Multi-factor authentication for access (badge, fingerprint and/or iris)
- Armed security guards on-site 24x7x365



## Sustainability

- LEED Gold Certified
- On-site solar panel power system
- On-site rain water collection system
- Utilizing renewable Sourced Power
- Dedicated Electronic Vehicle (EV) spots available on-site

## Compliance

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

## Quick Facts

- In close proximity to undersea cable landing station
- 5 miles from Richmond Airport, 98 miles from Washington D.C.
- Direct access to I-295, I-64 and I-95 highway
- Ample customer amenities such as office space and conference rooms, break room with market and secure parking



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

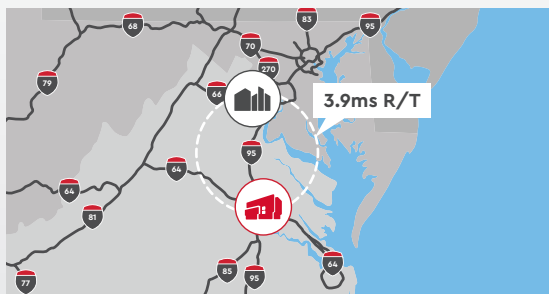
QTS Richmond is the largest and most connected data center in the Richmond area. With MAREA and BRUSA subsea cables terminating at this facility – it has quickly emerged as the predominant interconnection hub in the region – enabling new, efficient, and less congested routes across the globe. With redundancy at the forefront, this facility includes three diverse underground fiber entry laterals providing maximum diversity to carrier networks throughout the region, eliminating single points of failure.

### 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 Ct Carrier Hotel



- QTS Richmond**  
6000 Technology Boulevard  
Sandston, Virginia 23150
- Carrier Hotel**  
21715 Filigree Ct  
Ashburn, VA 20147
- Fiber Route**  
3.9ms R/T

## Connecting to the Internet

### QTS internetConnect

Fully redundant internet service managed by QTS network engineers. Provides secure internet service via two or more backbone Internet Service Providers with dual, diverse entry at every data center. Easy access reporting.

### Internet/Peering Exchange

Cost effective method to exchange IP traffic with content providers, enterprises and ISPs from two in-house peering exchanges.

## Highlights

- Access MAREA and BRUSA subsea cables with lowest possible latency
- On-demand access to AWS, Azure and Google Cloud via QTS Switchboard
- On-demand access to all major clouds via Megaport and PacketFabric
- Dark, Lit, IP and Interconnection services available
- Multiple internet service options
- Self-service ordering of cross connects

## On-Net Carriers & Partners

### SDNs

- Megaport
- PacketFabric

### Network Carriers

- AOC Connect
- AT&T
- CenturyLink
- Cogent Communications
- Comcast
- Crown Castle
- DE-CIX
- Hurricane Electric
- MFN
- Mid-Atlantic Broadband
- Segra (formerly Lumos)
- SummitIG
- Telia Carrier
- Telxius/Telefonica
- Unitas Global
- Verizon
- Verizon Business
- Windstream
- Zayo

## Internet/Peering Exchanges

- DE-CIX
- Richmond-IX