



QTS Richmond

6000 Technology Boulevard, Sandston, Virginia 23150

Building Specifications

- 1,300,000 sq. ft. facility
- Raised Floor: DC1 105,000 sq. ft., DC2 185,000 sq. ft., DC3 200,000 sq. ft.
- Leasable office space available
- Additional 1 million sq. ft. raised floor available for expansion

Power

- Configuration Options: N+1, 2N
- 55 MW of critical power capacity
- 44MW of UPS power
- 17 generators
- On-site substation with a primary and redundant feed from utility company currently delivers 55MVA to facility in a 2N configuration; upgradeable to 110MVA
- On-site diesel fuel with multiple refueling contracts, 48 hours of generator runtime

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



CERTIFIED DC
OPEN-IX.ORG/OIX-2



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Connect Anywhere Solutions to Meet Your Terms and Your Timelines.

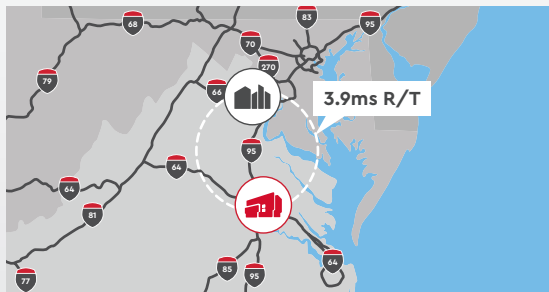
QTS Richmond is the largest and most connected data center in the Richmond area. With MAREA and BRUSA subsea cables terminating at this facility – it has quickly emerged as the predominant interconnection hub in the region – enabling new, efficient, and less congested routes across the globe. With redundancy 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, QTS internetConnect service, 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, VA 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

Ecosystem Partner

- Akamai

SDNs

- Arelion (formerly Telia Carrier)
- Megaport
- PacketFabric
- QTS Switchboard™

Network Carriers

- AOC Connect
- Arelion (formerly Telia Carrier)
- AT&T
- Cogent Communications
- Comcast
- Crown Castle
- DE-CIX
- Hurricane Electric
- Lumen
- Micro Fiber Networks
- Mid-Atlantic Broadband
- Segra (formerly Lumos)
- SummitIG
- Telxius
- Unitas Global
- Verizon
- Verizon Business
- Windstream
- Zayo

Internet/Peering Exchanges

- DE-CIX
- Mega IX
- Richmond-IX