



QTS Richmond 1 DC1, DC2, DC3

6000 Technology Boulevard, Sandston, Virginia 23150

Building Specifications

- 1,300,000 sq. ft. facility
- Leasable customer office space
- Flexible workspaces available for customer requests, including conference rooms, cubicles/office spaces/huddle rooms

Power

- Configuration options: N+1, 2N
- 105MW critical power capacity
- Dedicated, on-site substation with a primary and redundant feed from utility company
- On-site diesel fuel with multiple refueling contracts, 48 hours of generator runtime

Cooling

- Evaporative-cooled and air-cooled chiller units
- CRAC and CRAH cooling 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



Sustainability

- Energy efficient, LEED Gold Certified
- On-site solar panel power system
- Dedicated electric vehicle (EV) charging spots available on-site

Compliance (excludes DC3)

- SOC 1
- SOC 2
- HITRUST
- PCI
- ISO 27001
- ISO 22301
- FISMA HIGH

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 secure parking, break room, with fresh food market, conference rooms and Wellness Room





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Connect Anywhere Solutions to Meet Your Terms and Your Timelines.

QTS Richmond 1 DC1, DC2, & DC3 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.



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, Google Cloud Platform and Oracle 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 connect

On-Net Carriers & Partners

Ecosystem Partner

- Akamai

SDNs

- Arelion
- Megaport
- PacketFabric
- QTS Switchboard™

Network Carriers

- AOC Connect
- Arelion
- AT&T
- Cogent Communications
- Comcast
- COX Business
- Crown Castle
- DE-CIX
- Hurricane Electric
- Lumen
- Metro Fiber Networks
- Mid-Atlantic Broadband
- Segra
- Shentel Communications
- SummitIG
- Telxius
- Verizon
- Verizon Business
- Windstream
- Zayo

Internet/Peering Exchanges

- DE-CIX
- MegaIX
- Richmond-IX