QTS Ashburn 1 DC1

22271 Broderick Drive, Sterling, Virginia 20166

Building Specifications

- 427,320 sq. ft. facility
- 125mph wind resistant roof
- Redundant campus fiber conduit system allows for express fiber to building
- Leasable customer office space
- Flexible workspaces available for customer use, including conference rooms and cubicles/office spaces/huddle rooms

Power

- Configuration options: N+1 block or distributed redundant
- 36MW critical power capacity
- Generators with on-site fuel storage of 30 hours

Cooling

- Water cooled centrifugal chillers
- Variable speed forced updraft cooling towers
- CRAH cooling units
- 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
- Multi-factor authentication for access
- Security guards on-site 24×7×365

Sustainability

- Energy efficient, LEED certified
- Energy Star Certified Building
- Air-side economizers pull colder outside air into the facility for free cooling
- On-site rainwater collection system
- Dedicated electric vehicle (EV) charging spots available on-site

Compliance

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

Quick Facts

- 4.5 miles to Dulles International Airport (IAD)
- 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

OIX-2 CERTIFIED DC
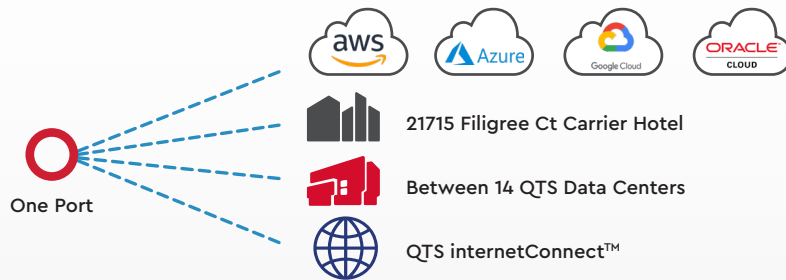OPEN-IX.ORG/OIX-2

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Connect Anywhere Solutions to Meet Your Terms and Your Timelines.

QTS Ashburn 1 DC1 is a carrier-neutral data center that provides access to a thriving ecosystem of on-net carriers and network partners, London (LINX) and Megaport peering exchanges, 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, 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.

One Port
- aws
- Azure
- Google Cloud
- ORACLE CLOUD
- 21715 Filigree Ct Carrier Hotel
- Between 14 QTS Data Centers
- QTS internetConnect™

21715 Filigree Court Carrier Hotel

<1ms R/T

QTS Ashburn 1 DC1
22271 Broderick Dr
Sterling, VA 20166

Carrier Hotel
21715 Filigree Ct
Ashburn, VA 20147

Fiber Route
<1ms R/T

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 with members of the LINX Nova and MegaIX peering exchanges.

Carriers & Providers
(On-net or via inter data center cross connect)

Ecosystem Partner

- Akamai

SDNs

- Megaport
- PacketFabric
- QTS Switchboard™

Network Carriers

- AT&T
- Cogent
- Comcast
- Cox Business
- Crown Castle
- Dark Fiber & Infrastructure (DF&I)
- Fiberlight
- Hurricane Electric
- Lightpath
- Lumen
- Segra
- Summit IG
- Verizon Business
- Windstream
- Zayo

Internet/Peering Exchanges

- LINX NoVA
- MegaIX Ashburn