



# QTS Ashburn-Shellhorn DC1

22291 Shellhorn Road, Ashburn, Virginia 20147

## Campus Specifications

- 24 acres
- 80+ MW current planned campus capacity
- Purpose-built data centers utilizing QTS Standardized Freedom Building design

## Building Specifications

- 306,934 sq. ft. facility
- 162,000 sq. ft. data center footprint
- 14,000 sq. ft. leasable office space available
- Dual loading docks provide optimal logistical efficiency
- Oversized hallways provide ease of equipment movement

## Power

- Configuration Options: N+1 block redundant
- 42MW of critical power capacity, expandable to 84MW
- 32 generators with on-site fuel storage of 48 hours
- Modularly deployed power design
- Expandable, adjacent substation

## Cooling

- Modularly deployed split-system cooling solution with indirect air and pumped refrigerant
- Efficient no water solution for mechanical cooling
- Cooling units in separate galleries from data halls
- WonderWare monitoring for electrical systems
- Fully automated Building Management System providing remote indications and operations capabilities
- Leak detection monitoring

## Security

- Outer perimeter security fencing
- Fixed and pan-tilt-zoom cameras covering property and entry points
- Multi-factor authentication for access (badge, fingerprint and/or iris)
- Security guards on-site 24x7x365



## Sustainability:

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

## Quick Facts

- 10 min from Dulles International Airport
- Planned multi-campus footprint across Northern Virginia
- Direct access to SR-267, SR-28, US-50
- Ample customer amenities such as secure parking, break room, conference rooms and customer accessible gym



# QTS Ashburn-Shellhorn DC1

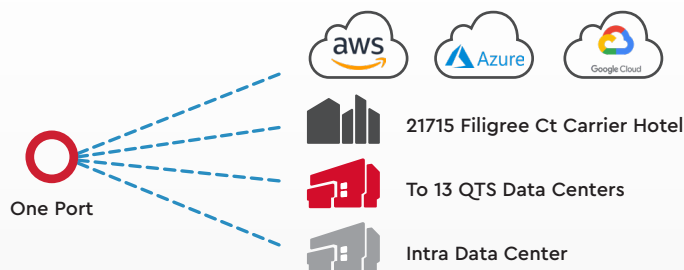
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## Connect Anywhere Solutions to Meet Your Terms and Your Timelines.

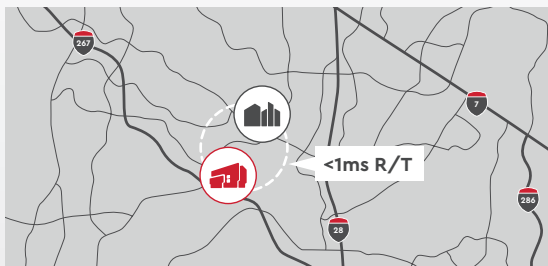
QTS Ashburn-Shellhorn is a carrier-neutral data center that provides access to a thriving ecosystem of on-net carriers and network partners, London (LINX) and Megaport peering exchanges, SDNs and on-demand QTS solutions. With redundancy at the forefront, this facility includes multiple fiber entrances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

### QTS Switchboard Connectivity Service

Self-service virtual connections to clouds, carrier hotels, 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



- QTS Ashburn-Shellhorn**  
22291 Shellhorn Road  
Ashburn, Virginia 20147
- 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 MegalX peering exchanges.

## 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

### Network Carriers

- AT&T
- CenturyLink
- Cogent Communications
- Comcast
- Crown Castle
- Fiberlight
- Hurricane Electric
- SEGRA
- Summit IG
- Verizon
- Zayo

### Internet/Peering Exchanges

- LINX Nova
- MegalX Ashburn