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
- 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

Compliance
- SOC 1
- SOC 2
- HITRUST

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
22291 Shellhorn Road, Ashburn, Virginia 20147

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, QTS blended IP 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 Court Carrier Hotel

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.

Highlights
- On-demand access to AWS, Azure and Google Cloud Platform via QTS Switchboard
- On-demand access to QTS internetConnect™ and local carrier hotel 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

Carriers & Providers
(On-net or via inter data center cross connect)
- Akamai
- Megaport
- PacketFabric
- QTS Switchboard™

SDNs
- Megaport
- PacketFabric
- QTS Switchboard™

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

Internet/Peering Exchanges
- LINX NoVA
- MegaIX Ashburn