RICHMOND

Since acquiring the former Qimonda semiconductor fabrication facility in 2010, QTS has redeveloped this expansive property into a state-of-the-art data center campus. Richmond's rich connectivity means, every fiber path on the region is reachable from our data center.

BUILDING SPECIFICATIONS

- 1,300,000 sq. ft. facility
- 550,000 sq. ft. raised floor
- 100,000 sq. ft. leasable office space
- Additional 1.4 million sq. ft. raised floor available for expansion
- LEED Gold Certified (Phase DC1)

POWER

- Configuration options: N+1, 2N
- 110MW of critical power capacity
- 44MW of UPS power
- 17 generators
- Diversely dual fed on-site substations deliver 110 MVA to facility; Existing transmission already in place to expand to 220 MVA
- On-site solar panel power system

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

QUICK FACTS

- In close proximity to undersea cable landing station
- On-site rainwater collection system
- 5 miles from Richmond Airport, 98 miles from Washington D.C.
- Direct access to I-295, I-64 and I-95 highway

U.S. GREEN BUILDING COUNCIL
LEED GOLD
USGBC

Phase DC1

RICHMOND

NETWORK CARRIERS

- Cogent Communications
- Comcast
- Level 3
- Lightower
- Lumos
- Megaport
- Mid-Atlantic Broadband Company
- PacketFabric
- SummitIG
- TeliaSonera
- Verizon Business
- Verizon
- Windstream
- Zayo Group

CLOUD CONNECTIVITY

QTS' Connectivity Portfolio & SDN-Based Carriers enable access to:

- 1G to 10G connectivity
- 21551 Beaumeade Circle Carrier Hotel
- Internet Exchange Points (IXPs)
- QTS' Hosted Private Cloud Sites
- Multiple public cloud platforms, including Alibaba Cloud, AWS, Google Cloud Platform, Microsoft Azure, IBM Cloud, Oracle Cloud, and Salesforce

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
- Card access, biometric fingerprint and iris scan identification systems throughout the facility
- Armed security guards on-site 24x7x365

COMPLIANCE

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

BENEFITS

- Space and capacity available for Build-to-Suit facilities
- Offers managed services that can augment your current and future operations