QTS Hillsboro DC1
4951 NE Huffman St, Hillsboro, OR 97124

Campus Specifications
• 88 acres
• 200+ MW current planned campus capacity
• Purpose-built data center utilizing QTS Standardized Freedom Building design
• Highly resilient CAMPUS conduit system allows for express fiber to each building and between future buildings

Building Specifications
• 158,000 sq. ft. facility
• 85,000 sq. ft. data center space
• Leasable office space available
• Multi-bay loading dock, and optimal logistics pathways

Power
• 24MW current planned capacity in DC1
• Redundant power feeds from diverse transformers
• Expandable, adjacent power substation
• 100% renewable energy sourced power
• Generators with on-site fuel storage of 48 hours

Cooling
• Thirty-two (32) 375kW (110-ton) indirect outside air economization air handling units, the units deliver supply air cooling via large ducts, keeping cooling equipment off the raised floor. The units maintain an underfloor static air pressure of 0.04”. Cooling to racks is controlled via perforated tiles.
• Fully automated Building Management System providing remote indications and operations capabilities
• WonderWare monitoring for electrical systems
• Leak detection monitoring

Security
• 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 24×7×365
• Outer perimeter security fencing

Sustainability
• Renewable source power for the entire campus
• Planned dedicated Electronic Vehicle (EV) charging spots on-site
• Indirect air side economizer cooling harnesses free cooling without bringing outside air directly into the facility
• Utilizing 100% renewable sourced power

Compliance
• SOC 1
• SOC 2
• PCI
• ISO 27001
• HITRUST

Quick Facts
• 20 min from Portland International Airport
• Telecom design provides for excellent unique access to the Hillsboro fiber rings
• Planned multi-building campus
• Multiple tax incentives available: Property tax abatement, Energy Trust incentive and No state sales tax
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QTS Hillsboro is quickly becoming the primary network access point (NAP) of the Pacific Northwest. Encircled by the Hillsboro Data Center Ring, it connects to ten transpacific subsea cables enabling access to regions including China, Japan, South Korea and Oceania. This facility boasts the only direct fiber route from Hillsboro to Seattle - enabling customers to bypass the Pittock Carrier Hotel - providing latency and cost advantages. QTS Hillsboro DC1 is move-in ready today with a thriving and expanding on-net ecosystem of network carriers, the Northwest Access Exchange (NWAX) and SDN providers.

**QTS Switchboard Connectivity Service**
Self-service virtual connections to clouds, 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.

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**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 traffic with content providers and ISPs including Amazon, Facebook, Google, Microsoft, Netflix, Twitch and Yahoo!

**Highlights**
- Provides the only fiber route from Hillsboro to Seattle that bypasses Pittock carrier hotel
- Diverse, redundant fiber prebuilds and points of entry to campus
- Diverse, redundant Meet-Me-Rooms in each building
- Connected to surrounding Hillsboro market connectivity options via Wave fiber ring
- In-house NWAX peering exchange
- On-demand access to AWS, Azure and Google Cloud Platform via QTS Switchboard
- Dark, Lit, IP and Interconnection services available
- Directly linked to sea cables in region

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**On-Net Carriers & Partners**

**SDNs**
- Arelion (formerly Telia Carrier)
- PacketFabric
- QTS Switchboard™

**Network Carriers**
- Arelion (formerly Telia Carrier)
- Astound Broadband
- Cogent Communications
- Comcast
- Lumen
- MOX Networks
- WholeSail Networks
- Zayo
- Zipley

**Internet/Peering Exchange**
- Northwest Access Exchange (NWAX)