

Transpacific Connectivity

Peak 10 + ViaWest to Provide Dedicated Network Connectivity Between Asia, Australia, New Zealand, Our Data Centers and the Cloud

All industries are somewhere down the path to embracing an increasingly digital global marketplace, more often than not enabled by cloud-based applications and platforms. As U.S. organizations, including technology, manufacturing, healthcare, research and education institutions continue to expand their interests in emerging, high-growth Asian markets, their Asian counterparts look to exploit similar opportunities in the U.S. Demand for high-speed transpacific network connectivity continues to grow exponentially as existing undersea cable systems are gaining and reaching capacity.



The Peak 10 + ViaWest Brookwood data center in Hillsboro, Ore. is the North American landing point for two new subsea fiber cable systems currently in development. Combined, the New Cross Pacific and Hawaiiki submarine cable networks will provide faster data connections and expanded network access to meet mounting requirements for low-latency connectivity to and from Asia, Australia and New Zealand.

World-Class Connectivity and Hybrid IT Solutions

The latest in a string of enhancements to the Peak 10 + ViaWest core network, the New Cross Pacific and Hawaiki submarine cables will have access to additional international telecom carriers from any of the 40 Peak 10 + ViaWest data centers across the U.S.

- **New Cross Pacific Submarine Cable:** Connecting the Northwestern U.S. and mainland China, Taiwan, Japan and South Korea with capacity of 80 terabits per second, the New Cross Pacific submarine cable is the fastest, low-latency, fiber-optic cable in development with advanced amplification technologies that improve performance and reliability.
- **Hawaiki Submarine Cable:** The first carrier-neutral, fiber-optic connection linking Australia, New Zealand and American Samoa to mainland U.S. and Hawaii, the Hawaiki submarine cable is designed with a capacity of 43 terabits per second.

As one of the only data center operators in the world with a dedicated 100-gigabit backbone network connecting Peak 10 + ViaWest data centers, we can extend diverse network federation capabilities to our customers. This creates enhanced networking options for you to reach more partners, suppliers and customers; develop sophisticated business continuity plans; simplify networks; and access hundreds of carriers and hyperscale cloud providers.

The Peak 10 + ViaWest Brookwood data center is one of the most connected data centers in the world. As a Generation 4 facility, it offers extremely high-density power and industry-leading cooling efficiencies to support the most demanding workloads. It is also home to a Peak 10 + ViaWest cloud node, which enables customers to host workloads in public, virtual private, fully private and hybrid infrastructure environments.

Additionally, Peak 10 + ViaWest offers a private internet connection to Amazon Web Services, Microsoft Azure and Google Cloud for improved latency, security and reliability. Direct access to hyperscale cloud providers enables customers to accelerate the delivery of innovative products and services, helping them achieve their growth and optimization objectives.

With Peak 10 + ViaWest, you gain the network reach and direct cloud access you need to enable international market expansion and collaboration opportunities.

For more information about this service or other Peak 10 + ViaWest solutions, contact us at 1-877-448-9378 or sales@viawest.com.

Features

- Direct access to the Peak 10 + ViaWest 100 Gb backbone network and Brookwood cloud node
- 100% availability service level agreement for colocation and IP bandwidth services
- 24/7 on-site support
- World-class colocation space and services

Brookwood data center

- Nearly 140,000 square feet of raised floor
- Two uninterruptible power supply systems with multiple redundant power distribution paths
- High-power density capabilities exceeding 1,500 watts per square foot

Hillsboro data centers

- 50,000 square feet of raised floor
- Two UPS systems with multiple redundant power distribution paths