

# Hawaiki submarine cable connectivity

## Dedicated network connectivity between Australia, New Zealand and the U.S.

High-performance, international network connectivity is vital to ensuring the ongoing success of global organizations, including healthcare, research and education professionals reliant on seamless collaboration with colleagues and partners around the world. As we move toward an all-digital world, there is mounting concern that existing transpacific cable networks will reach capacity. To augment current inter- and intra-region network availability, the new Hawaiki submarine cable links Australia and New Zealand with the U.S.

The Flexential Portland - Hillsboro 2 data center in Hillsboro, Ore. is the mainland U.S. landing point for the Hawaiki submarine cable. The cable is the first carrier-neutral, fiber-optic connection between mainland U.S., Hawaii, Australia, New Zealand and American Samoa. This new transpacific cable network provides faster data connections and expanded network access to meet the growing demand for low-latency connectivity to, from and between Australian, New Zealand and Pacific Island communities.

To learn more about additional Flexential solutions, contact us at 888.552.FLEX or [sales@flexential.com](mailto:sales@flexential.com)



## Features

- Carrier-neutral, 43 terabit-per-second, transpacific fiber-optic connection
- Direct access to the Flexential 100 Gb backbone network and Portland - Hillsboro 2 cloud node
- 100% availability service level agreement for colocation and IP bandwidth services
- 24/7 on-site support
- World-class colocation space and services

## World-class colocation space and services:

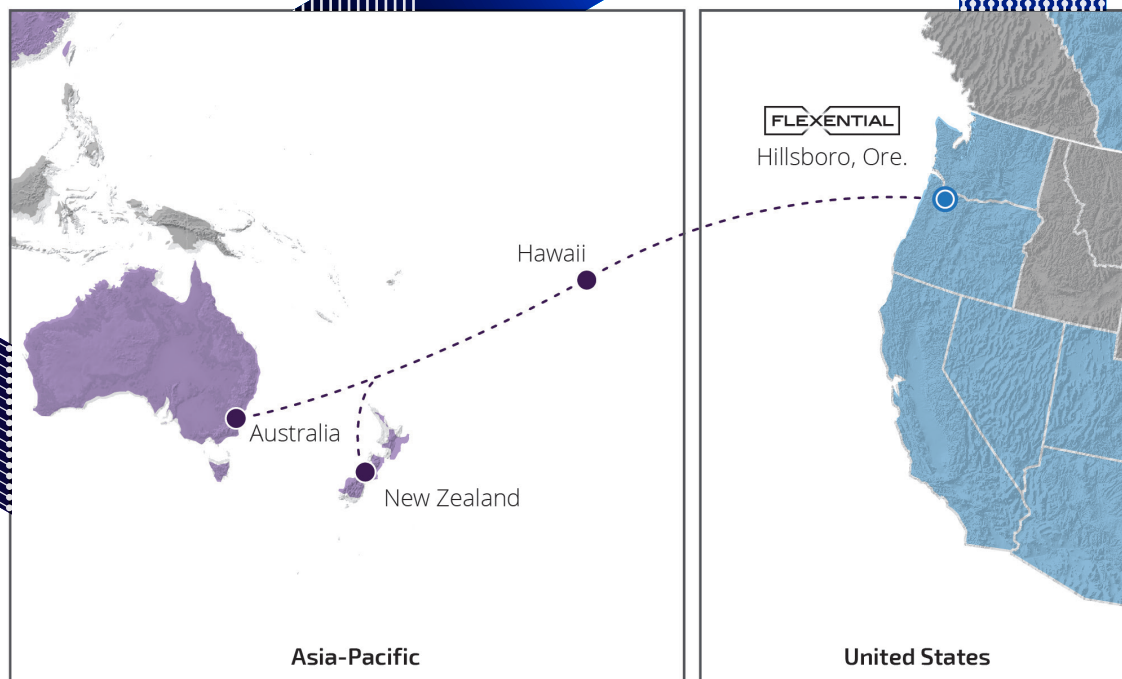
### Portland - Hillsboro 2 data center

- Nearly 250,000-square-foot data center footprint
- Two uninterruptible power supply systems with multiple redundant power distribution paths
- High-power density capabilities exceeding 1,500 watts per square foot

### Portland - Hillsboro 1 data center

- 85,388-square-foot data center footprint
- Two UPS systems with multiple redundant power distribution paths

**FLEXENTIAL**



\*Maps are not to scale

### World-class connectivity and hybrid IT solutions

One of the latest in a string of connectivity enhancements to the Flexential core network, the Hawaiiki submarine cable gives customers expanded access to international telecom carriers from any of our 41 data centers across the U.S. Our Portland - Hillsboro 2 data center also is the U.S. landing point for the New Cross Pacific subsea cable, the fastest, low-latency, fiber-optic cable in development to connect the Northwestern U.S. and East Asia.

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

Additionally, our Portland - Hillsboro 2 data center is home to a Flexential cloud node. Cloud nodes allow customers to host workloads in public, virtual private, fully private and hybrid infrastructure environments. As a Generation 4 facility, the Portland - Hillsboro 2 data center offers extremely high-density power and industry-leading cooling efficiencies to support the most demanding workloads.

We provide 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 you to accelerate the delivery of innovative products and services, helping you achieve your growth and optimization objectives.

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

Flexential helps organizations optimize IT transformation while simultaneously balancing cost, scalability, compliance and security. With a focus on building trusted relationships, providing valuable support and delivering tailored solutions and reliable performance, Flexential delivers colocation, connectivity, cloud, managed solutions and professional services to 4,200 customers across the U.S. and Canada.

