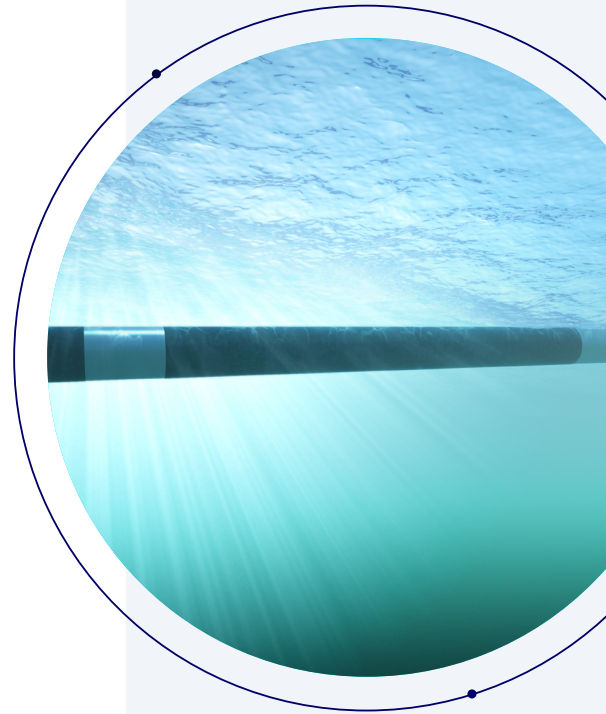# International connectivity with Flexential Interconnection

All industries are 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 educational institutions continue to expand their interests in emerging, high-growth APAC markets, their global counterparts look to exploit similar opportunities in the U.S.

Likewise, the amount of data traveling from the U.S. to South America is growing due to broadband and bandwidth-heavy application adoption as well as a broader shift of businesses to the cloud. In parallel, many legacy U.S.-South American network systems are nearing end-of-life and need replacement.

The Flexential Portland-Hillsboro 2 data center is the North American landing point for two new subsea fiber cable systems. Combined, the New Cross Pacific and Hawaiki submarine cable networks provide faster data connections and expanded network access to meet mounting requirements for low-latency connectivity to and from Asia, Australia, and New Zealand.

Similarly, as part of Flexential Interconnection, the Seaborn Networks' transoceanic platform provides low latency, high-speed, 72-terabits-per-second seamless connection to Latin America. The Latin American subsea cable, Seabras-1, pans from New Jersey to Sao Palo, Brazil. Seabras-1 to South America is built for performance that is second to none. This provides our customers with more connections to the world through the latest generation of high-capacity, ultra-low latency service delivered in a fraction of the time of legacy suppliers.

International connectivity

New Cross-Pacific submarine cable

Connecting the Pacific Northwest with mainland China, Taiwan, Japan, and South Korea with a capacity of 80 terabits per second, the New Cross Pacific submarine cable is the fastest, lowest-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.

Seaborn network

A route on Seabras-1, the only nonstop path between the commercial centers of the U.S. and Brazil, gives you the lowest latency available in the market. Latency-sensitive applications rely heavily on the shortest and most stable network paths, and Seaborn has architected its solution to deliver on both fronts.

Highly connected, national platform
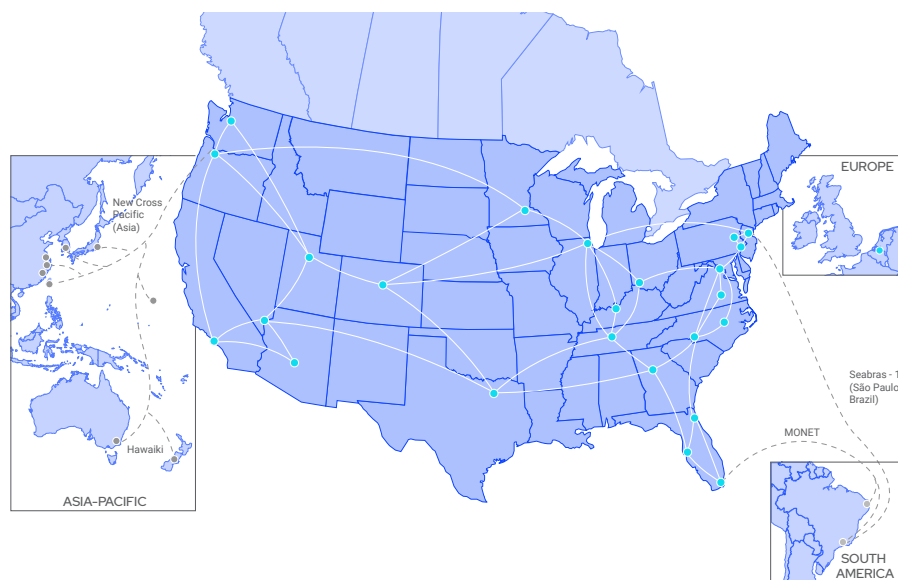
● Flexential locations

For an interactive map of our data centers, cloud regions, DRaaS regions, POPs, and cloud on-ramps go to flexential.com