



# Cable Landing Station

Solution Brief

## The next generation of subsea cable deployments

For over a decade, EdgeConneX has transformed the way high-demand, latency-sensitive content and business-critical applications are delivered over the network and on the cloud, closer to the end-user than ever before. By optimizing the delivery of data, content, cloud, and computing, EdgeConneX customers experience unprecedented speed and reliability, driving down network costs and delivering superior user experiences.

And now, EdgeConneX again extends its Hyperlocal to Hyperscale data center model to Subsea Cable Landing Stations. EdgeConneX, in coordination with new and existing cable deployments, enables cable owners and operators to implement the most efficient and reliable network architectures available today, including:



**New Locations**



**New cable-to-cable cross connects**



**New streamlined business models  
with efficient backhaul interconnection**

EdgeConneX Cable Landing Stations facilitate agile deployment of new landing sites, wherever our customers need them. These new sites can even be strategically located in relation to established cables and stations to enhance diversity and mitigate downtime via failover schemes along mission-critical routes. Across our entire portfolio, EdgeConneX engineers design and deliver best-in-class infrastructure, including:

**FACILITY DESIGN**

**SITE LAYOUT**

**ON-PREMISE SECURITY**

**POWER & COOLING ARCHITECTURE**

**CONSTRUCTION**

**EMERGENCY DOWNTIME RESPONSE**



Arcata Cable Landing Station Rendering

# Over 50 data centers in more than 40 markets on four continents around the globe



## Key Specifications for our Cable Landing Station in Arcata, California

- **10-12,000 sq.ft.** (1120 sq.m.) facility with the ability to expand and scale both **wet-side** and **dry-side** requirements.
  - **Wet-side** is approximately **5000 sq.ft.** with DC power and scale to support **up to 1.65MW**, and the ability to partition SLTE and Backhaul aisles to meet the specific and distinct needs of each cable owner.
  - Expansion capability for up to **two additional cables**.
  - **Dry-side** (Data Center) is approximately **5000 sq.ft.** with **1.5 MW** of AC power, **N+1 UPS**.
  - Per rack power densities of **20+ KW** available
- Built according to the exacting standards in design, performance, and capability found in every EdgeConneX data center worldwide
- Optimized with **EdgeOS**, the next generation data center operating system that offers a **single, secure, 24x7 view** inside every **EdgeConneX Data Center** and **SLTE infrastructure** across our global footprint.

To learn more, call us today: 1.866.304.3217 or email [info@edgeconnex.com](mailto:info@edgeconnex.com)