

DC BLOX & Palm Coast, Florida

Cable Landing Station

Introducing the DC BLOX Cable Landing Station

DC BLOX is bringing critical digital infrastructure to Flagler County **to better connect Florida to the world** with its new subsea cable landing station in Palm Coast.

The Palm Coast Cable Landing Station (CLS) is a **specialized data center** that serves as a landing point for international subsea cables. It houses the communications and power systems needed to connect them to terrestrial (land-based) networks to transfer their data.

Palm Coast's CLS is designed to support **up to six international subsea cables** and will span approximately 100,000 square feet in a two-building, single-story development (**comparable in size to a typical home improvement store**) on a 25-acre lot zoned for commercial businesses such as this.

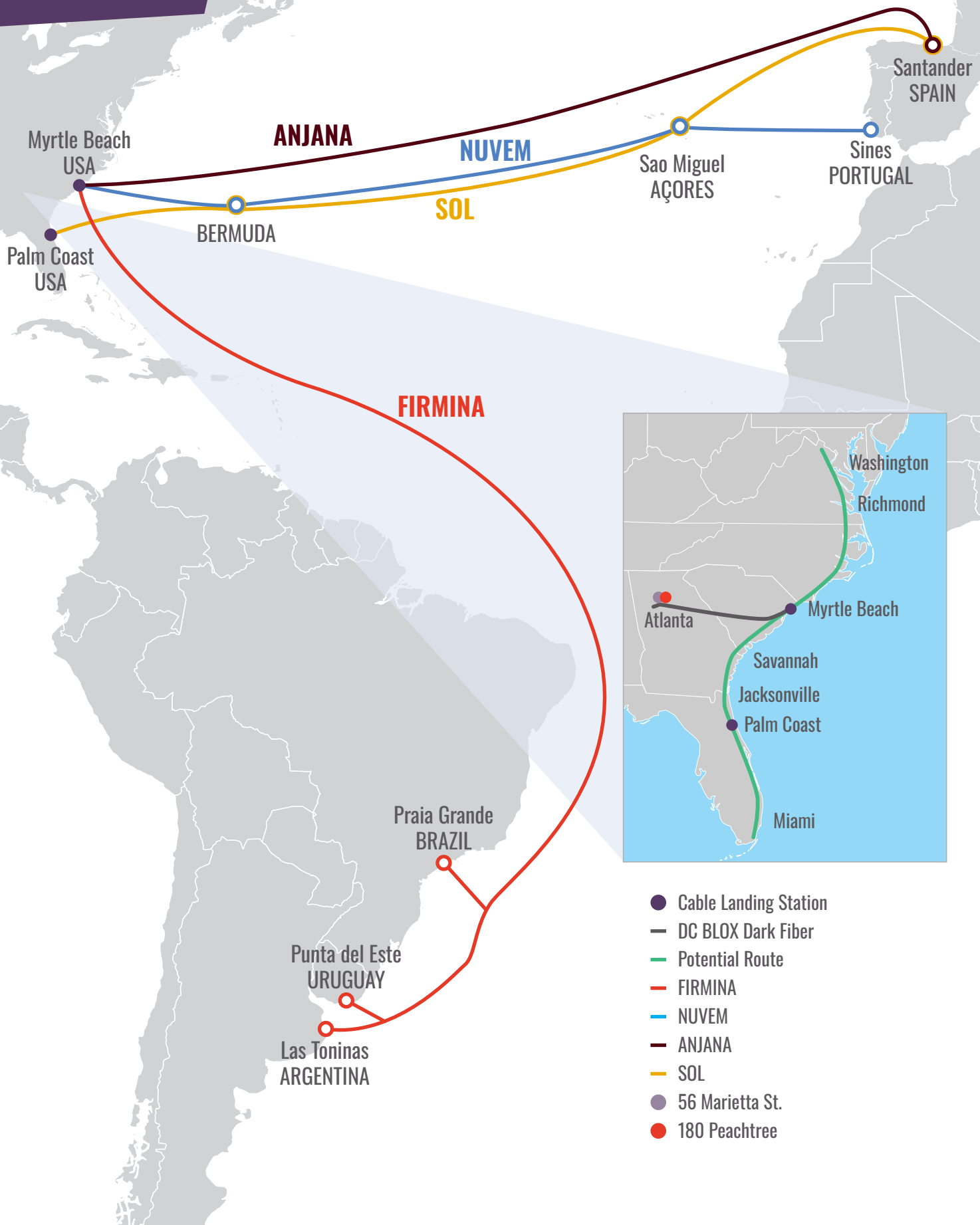
Google has already announced its plan to land its Sol subsea cable at this location, which will connect to Santander, Spain by early 2027. Development of the CLS will progress as additional subsea cables are announced.

Subsea cables are fiber-optic cables installed across the ocean floor that connect continents and enable the global Internet. **99% of all international communications traffic is carried over subsea cables.**

Why Palm Coast?

Palm Coast was selected for its strategic location along Florida's coast, offering diverse routes for subsea cables from alternative East Coast landing sites in South Florida, Jacksonville, Myrtle Beach, Virginia Beach, and the New York/New Jersey area. By diversifying cable landing locations, international data traffic can be rerouted in the event of outages.





- Cable Landing Station
- DC BLOX Dark Fiber
- Potential Route
- FIRMINA
- NUVEM
- ANJANA
- SOL
- 56 Marietta St.
- 180 Peachtree

The Importance of Digital Infrastructure

All the digital services we rely on every day depend upon digital infrastructure to function. **Anyone who uses the internet or a smartphone uses data centers, fiber networks, and subsea cables.** Without these facilities, local communities and businesses may suffer from slower responsiveness from their services and may even be unable to access certain applications in the future.

How DC BLOX Is Invested in Palm Coast

Job Creation

DC BLOX's cable landing station will generate both **direct and indirect jobs** across construction, security, facility management, and technical operations, while also attracting new regional infrastructure providers to serve the area. As additional subsea cables are announced and deployed, the site will continue to expand: **driving long-term employment, investment, and regional economic growth.**

Connectivity

To carry data traffic to and from the subsea cables connected into the CLS, new high-capacity terrestrial fiber networks must be built into the facility. The addition of new regional fiber networks will provide opportunities to **connect underserved communities** that are seeking to enable broadband services in their areas. These new networks will serve as **regional digital superhighways** to carry data to core internet exchanges for enhanced communications. Additionally, the construction of these new routes could drive **over \$200 million in future high-capacity fiber investment**, strengthening regional connectivity.

Economic Growth

Over time, DC BLOX expects to directly invest more than \$100 million in the Palm Coast campus. This development will expand the local tax base: **supporting schools, public safety, and local services.** As the facility expands with the announcement of new subsea cables, new equipment will be deployed within the facility, **increasing local property tax contributions.** The CLS will also offer colocation services to local businesses which will help to attract companies to the area that need to house their critical computing systems locally.

Community Partnership

Just like every community where we do business, DC BLOX plans to work closely with Flagler County officials, institutions, and organizations to support economic and educational advancement.

We are your neighbors, invested in Palm Coast's future.



Addressing Common Questions & Concerns

Will my power bill go up?

No. The local utility already has sufficient power to operate the CLS. No new construction of power infrastructure is required. DC BLOX funds its own energy use and pays for electricity at regulated market rates, with no additional cost or strain to the local grid. **Residents will not see higher utility bills because of our facility.** The CLS is designed to support up to 10MW of power, which is significantly less than the larger facilities often mentioned in the media.

Will it use a lot of water?

No. Unlike many data centers of the past, our data centers use a **closed-loop water cooling system**. The system is **filled once** with utility water but then continuously recirculates water throughout the system without the need to replenish its supply or to expel used water into the environment. The overall water usage of our facility is similar to that of a small commercial building.

Will this project impact my neighborhood?

The site for the project is already zoned for use of a commercial business like this, and the building is **designed to fit naturally into the surrounding community**. The building height, footprint, and appearance will be similar to existing buildings in the area and within this zoning type. The buildings will easily fit within the 25-acre property limits, ensuring a significant buffer between adjacent businesses. It will operate **quietly and efficiently**, produce **little-to-no emissions** (outside brief monthly backup generator testing), and conforms to all local regulations and restrictions. The facility will comply with all local noise ordinances. Normal operations are quiet and enclosed indoors. Backup generators are tested briefly each month and used only during rare power interruptions.

Will this project impact beaches or marine life?

No. The subsea cables will come ashore through conduits installed beneath Flagler Beach using Horizontal Directional Drilling (HDD), an **environmentally sensitive construction method** that avoids surface disruption and **protects coastal ecosystems**. The routing of subsea cables in U.S. waters is permitted by the U.S. Army Corps of Engineers and the State of Florida, which evaluate potential impacts on marine life, seafloor habitats, and archaeological resources before approval.

How does this benefit Palm Coast?

The Palm Coast CLS and future data center represent a **\$100M+ direct investment** and could enable over **\$200M in new regional fiber network construction**. These developments will:

- Expand Flagler County's tax base
- Improve broadband availability across the region
- Drive new business attraction and job creation
- Strengthen Florida's global connectivity

Examples from similar facilities in other states (such as Myrtle Beach, South Carolina) show how cable landing stations create thriving ecosystems for telecommunications providers and technology businesses. This investment brings **technology, jobs, enhanced connectivity, and revenue** to the region, while providing foundational infrastructure for the digital economy.

About DC BLOX

DC BLOX is a digital infrastructure company headquartered in Atlanta, Georgia, focused on the Southeast, US. We design, build, and operate data centers, fiber networks, and subsea cable landing stations that are foundational to the digital economy. We are committed to our partnership with Palm Coast and Flagler County for the long term.



DC BLOX

At DC BLOX, we live by our values:
Trust, Teamwork, Tenacity.

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