

# A CABLE LANDING STATION **NOT** A HYPERSCALE DATA CENTER

CABLE LANDING STATION (CLS) IN PALM COAST

## HOW IT'S DIFFERENT

### CABLE LANDING STATION

VS.

### HYPERSCALE DATA CENTER



#### PURPOSE

Connects international undersea cables to land-based networks.



**FACILITY SIZE**  
~40,000 SQ. FT.



**POWER USE**  
UP TO 10MW



#### MINIMAL WATER USE

Closed-loop cooling system with low water demand, comparable to a small commercial office building.



#### LOW NOISE LEVELS

Similar to a standard commercial building. Backup generators are tested once a month.



#### BUILDING HEIGHT

Single-story commercial-style buildings.



#### COMMUNITY IMPACT

Low-impact facility with minimal traffic, utility demand, and public service impacts.



#### PURPOSE

Massive cloud computing and data storage.



**FACILITY SIZE**  
250K-1M+ SQ. FT.



**POWER USE**  
100MW+



#### HIGH WATER USE

High daily water demand for evaporative cooling systems: approximately 500,000 to 5M+ GPD.



#### HIGH NOISE LEVELS

Larger campuses often have an audible hum 24/7 from rooftop cooling towers and backup power systems.



#### BUILDING HEIGHT

Often large industrial-style campuses.



#### COMMUNITY IMPACT

May require major utility and infrastructure upgrades, including increased demand on groundwater resources.

# WHY THIS MATTERS FOR PALM COAST

The Cable Landing Station (CLS) in Palm Coast is a specialized facility that serves as the connection point between international undersea fiber optic cables and land-based internet networks. This infrastructure will:



## STRENGTHEN INTERNET RESILIENCY

Creates additional pathways for global internet connectivity, helping improve network reliability and redundancy.



## EXPAND REGIONAL FIBER INFRASTRUCTURE

Helps expand high-capacity fiber infrastructure throughout the region.



## SUPPORT FUTURE BROADBAND OPPORTUNITIES

Lays the foundation for faster, more reliable internet.



## GENERATE LONG-TERM TAX REVENUE

Generates ongoing tax revenue and private investment with limited demand on City services.



## LOW IMPACT, HIGH CONTRIBUTION

The facility contributes impact fees and long-term investment while generating minimal traffic and limited strain on public infrastructure.



DC BLOX ANTICIPATES  
INVESTING MORE THAN

**\$100  
MILLION**

IN PALM COAST