

# CONNECTING GLOBALLY: HYPERSCALE- READY DIGITAL INFRASTRUCTURE



**DC BLOX**

# Introducing Project River

## INDUSTRY SITUATION

The rapid growth of the Southeastern US and the desire of hyperscale and SaaS (Software-as-a-Service) tech companies to deploy infrastructure closer to their consumers in the region is driving massive investments to expand digital infrastructure. The accelerating scale of digital communications and the need for richer user experiences in accessing content is driving demand for data center capacity across the region with Atlanta alone expecting over 1 gigawatt of absorption over the next 10 years.

## DC BLOX SOLUTION

DC BLOX is a leading vertically integrated digital infrastructure provider based in the Southeast that is aggressively addressing this opportunity. Currently, the company operates Tier III colocation data centers in Birmingham, AL, Chattanooga, TN, Greenville, SC and Huntsville, AL. New projects include a new Cable Landing Station (CLS) in Myrtle Beach, SC and a dark fiber route running from the Myrtle Beach CLS to Lithia Springs, GA.



DC BLOX is offering a hyperscale-ready data center campus codenamed “Project River” located on 54 acres in Lithia Springs, GA next to Microsoft’s 300-acre facility and 2.5 miles from Google to meet the growing infrastructure needs in the area.



## CONSTRUCTION

(1) 80MW and (1) 40MW building.  
10MW power blocks built in 26,500SF data halls, supporting ~375w/SF  
150mph wind rated construction.  
On slab with 15' ceiling height below grid

## ELECTRICAL / POWER

120MW critical load, 180MW for the campus.  
Concurrently maintainable power line-ups  
High-density design to support high-performance computing.  
Greystone Power cooperative

## MECHANICAL

High efficiency magnetic bearing Air cooled chillers with thermal storage  
Interior vertical fan coil units flanking data halls  
N+2 redundancy  
Provisions for future liquid cooling tie-in  
Annualized design PUE of 1.3 at full load

## CERTIFICATION / SECURITY / COMPLIANCE

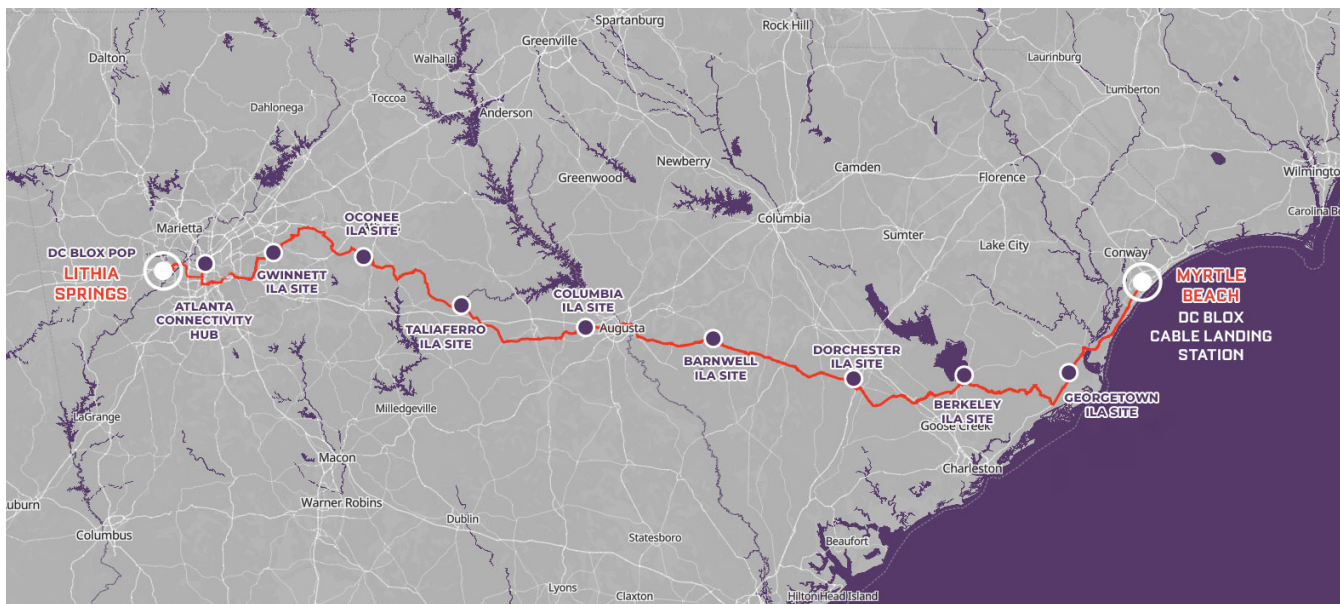
- SOC2 Type II, NIST 800-171 and HIPAA/HITRUST with a design that supports up-scope to more stringent security standards
- Video surveillance with remote monitoring
- Gated site access / bollards / secure lobby
- Man-trap / badge / biometric access
- Tier III basis of design with optional Uptime Institute certification

## NETWORK

Diverse Point of Entry and Meet Me Rooms  
Dark fiber to 55/56 Marietta, 180 Peachtree and Myrtle Beach

## ADDITIONAL DIGITAL INFRASTRUCTURE

To support growing International data traffic to and from the region, DC BLOX will complete the first phase of its Cable Landing Station (CLS) in Myrtle Beach, SC in July of 2023 that enables access to South America, Europe and Africa. In addition, a high-capacity dark fiber route is being constructed (estimated completion 4Q 2023) that will provide an express route from Lithia Springs, through Atlanta, Augusta and Charleston to the CLS, enabling the lowest-latency connectivity option from the region to regional and International destinations.



## DC BLOX BACKGROUND AND EXPERIENCE

Founded in 2014, DC BLOX has been progressively perfecting the design and construction processes of its modular, interconnected, mission-critical data center facilities. We have a proven track record in the delivery of greenfield, purpose-built facilities and are often relied upon to build new data centers on accelerated schedules.

In addition, with the acquisition of dark fiber assets and resources from Ascendant Capital Fiber and Light Source Communications, the ability to tailor custom digital infrastructure solutions to hyperscale and SaaS clients has been greatly extended.

- Scalable designs that support success-based deployment from 1MW to 100MW+
- All facilities designed and built to Uptime Institute Tier III requirements (Birmingham and Greenville certified)
- Custom dark fiber route construction
- Robust ecosystem of business partner and government relationships in the Southeast that facilitate rapid land acquisition, construction, operations, and connectivity
- Well capitalized and supported by leading investors from Bain Capital and Post Road Group

## NEXT STEPS

DC BLOX has the design, construction, operations, networking, and security experience to meet the needs of today's hyperscale and large-scale tech companies.

Please contact **Jason Walker**, *SVP of Strategic Development* to discuss your project.

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