



Modern and Innovative Cloud Storage Service for Businesses Needing High-Performance and Reliable Data Management in the Southeastern United States

About DC BLOX

DC BLOX builds and manages modern data centers in underserved markets in the Southeastern United States. They focus on putting facilities in smaller, growing cities, connecting them with a high-speed private network fabric, and supporting hybrid IT scenarios with the cloud.

DC BLOX offers a suite of colocation, storage, and connectivity solutions to support a customer's infrastructure requirements and give them affordable business-class services without a large up-front capital spend.

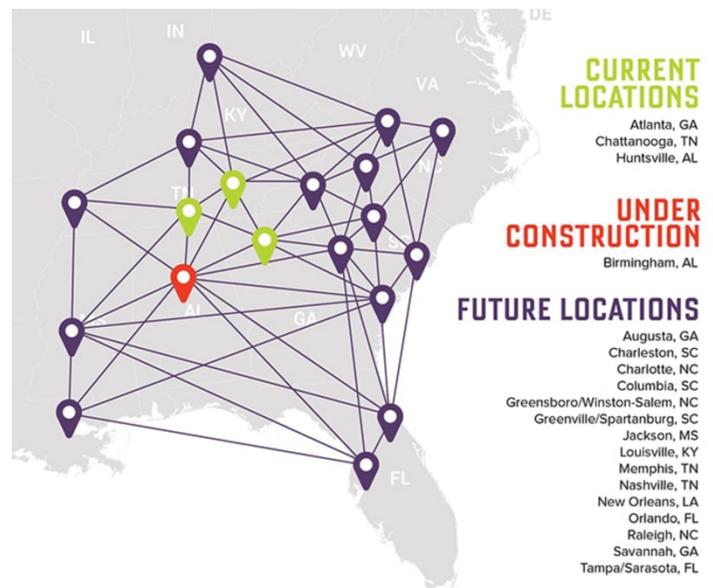
The Challenge

As DC BLOX has grown, opportunities have surfaced to provide high-performance and affordable secondary storage services to more local areas in the Southeast. To do this, a new approach was required. The platform needed to perform, scale seamlessly, leverage many geographic regions, give the end user the ability to specify where the data should be located, and support both traditional and cloud-native applications. These requirements not only would allow DC BLOX to have a solution that addresses customer needs, but also give them unique differentiators against global public cloud services.

Since they already had an existing storage service, it also would be a big bonus if the next-generation

platform could repurpose and utilize the hardware infrastructure in place. If this could be possible, they preferred to scale with standard, off-the-shelf hardware to ensure costs are always optimized.

The team at DC BLOX evaluated multiple object and file storage solutions and decided to build this next-generation storage service using SwiftStack.



The Solution

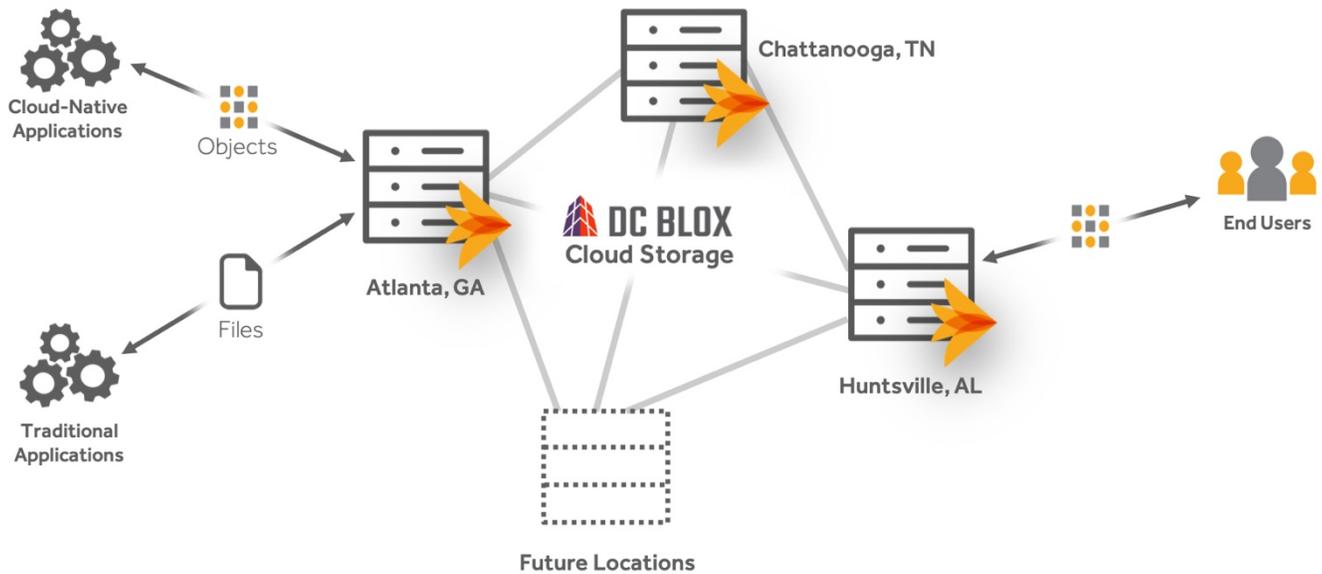
SwiftStack is the object and file storage platform that powers DC BLOX Cloud Storage. This is a multi-region cloud storage service that provides DC BLOX's customers with a turn-key hyper-scale

FACTS

- Powers DC BLOX Cloud Storage service
- 8 petabytes of raw capacity and growing
- Multi-region cluster spread across 3 locations (more coming soon)
- Uses SwiftStack's ProxyFS technology to provide object and file access to the same data

RESULTS

- Ability to scale to large capacities without adding operational overhead
- Object API and file protocol access to the same set of data on the same platform
- Helpful technical and operational support
- Hardware infrastructure flexibility



storage solution that supports a variety of business continuity and disaster recovery scenarios.

The initial SwiftStack cluster was built using repurposed hardware that was well-suited for the use case, which would not have been possible with most other storage platforms. “Repurposing existing servers allowed us to save because we didn’t have to buy new hardware for one of our initial deployments.” said Chris Gatch, CTO at DC BLOX. The cluster is initially distributed across Atlanta, Chattanooga, and Huntsville regions and can easily scale to future locations as they are built out.

SwiftStack’s multi-region capabilities allow for data to be durably stored in, and accessed from, any region, while giving operators and end users full control over where data is placed. In SwiftStack, storage policies can be applied on a bucket level to handle each set of data uniquely. For example, one application could have its data stored just in Atlanta, while another application can have its data exclusively stored in Huntsville and Birmingham. For data protection scenarios, it gives customers a lot of

confidence around the durability and availability of their data when they know where it is stored.

Unlike most cloud storage services, DC BLOX is able to offer object API (S3, Swift) and file protocol (SMB, NFS) access to the same sets of data. This gives customers much broader application compatibility with cloud storage than what is available from the big public cloud vendors. This functionality is enabled by SwiftStack’s new open cloud file system technology called ProxyFS.

“SwiftStack helps you store more data with less head count.”

“The technical support is good. I would rate it a 9 out of 10”

Check out the rest of the non-biased review directly from Chris Gatch, CTO of DC BLOX at www.itcentralstation.com.



To try SwiftStack for free, go to swiftstack.com/test-drive.

For additional assistance or to learn more, always feel free to contact us. We’re here to help.

Phone – (415) 625-0293 | **Email** – contact@swiftstack.com | **Chat** – Go to swiftstack.com and click chat