DC BLOX CLOUD STORAGE:

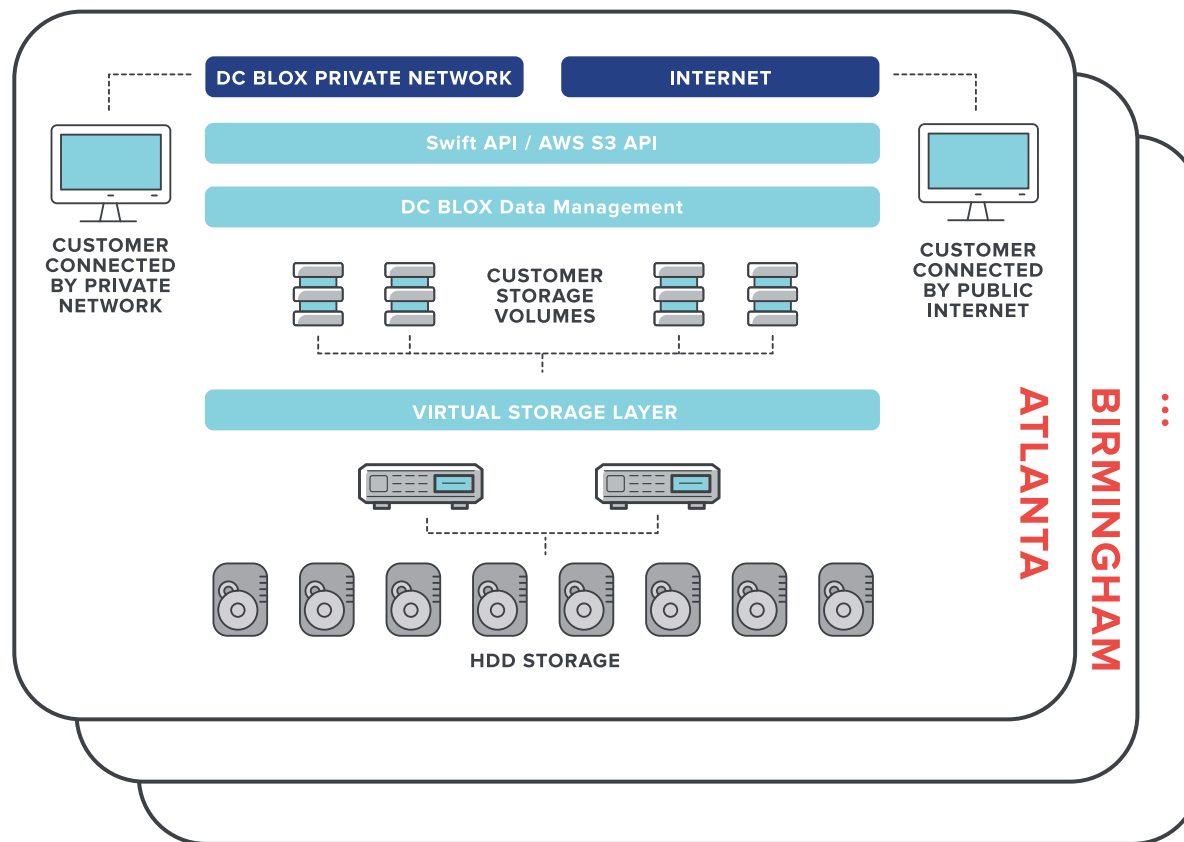# A SOLUTION FOR LARGE-SCALE DATA MANAGEMENT

DC BLOX

Storage Strategies are Changing

With the exponential growth of data and its increasing value to businesses, IT organizations are rethinking their storage strategies to determine the most efficient and effective approaches. Making matters more complicated is the distribution of data workflows across devices, platforms, and locations. When that data grows into the petabytes, then the challenges really begin.

The DC BLOX Cloud Storage Solution

DC BLOX Cloud Storage is a large-scale object storage and data management platform which enables seamless access to data across private infrastructure, DC BLOX data centers, and the public cloud. Each DC BLOX data center includes an instance of the object storage platform.

DC BLOX Cloud Storage Solution Components:

◢ DC BLOX OBJECT STORAGE

- Petabyte-scale object storage platform
- Geographic distribution of data for added protection
- Support for applications which use the standard AWS S3 and SWIFT APIs

◢ DC BLOX DATA MANAGEMENT

- Single common namespace simplifying data access across NAS, SAN, and object / cloud storage platforms
- Hybrid storage solution from premises to core to cloud
- Transparent and automated lifecycle management and data placement per policy

◢ DC BLOX CONNECTIVITY SERVICES

- Public and private connections to the DC BLOX storage platform facilitate data access and movement
- Diverse high-speed, low-latency paths between DC BLOX data centers to ensure continuous data access
- Private connectivity to public cloud providers to ensure performance and security

DC BLOX Cloud Storage Advantages:

◢ LOCALLY DEPLOYED IN THE SOUTHEAST

- Choose the optimal location for object storage in any DC BLOX data center
- Colocate compute for high-speed data processing
- Network connectivity options from customer premises

◢ REGIONALLY CONNECTED

- Private 100 Gbps+ network connecting all DC BLOX data centers
- Replicate data to any DC BLOX data center

◢ PERFORMANCE DRIVEN

- Fast access of 800 Mbps per client or session
- Parallel multi-session aggregated performance to 10 Gbps

◢ SECURE AND RELIABLE

- Data encryption in transit and at rest
- Advanced data storage algorithms to ensure high levels of data durability

◢ FLEXIBLE DATA MANAGEMENT

- Single namespace optimizes data placement across site(s), DC BLOX data centers, and public cloud providers
- Optimize data storage with seamless data migration between different cost, performance, and availability tiers
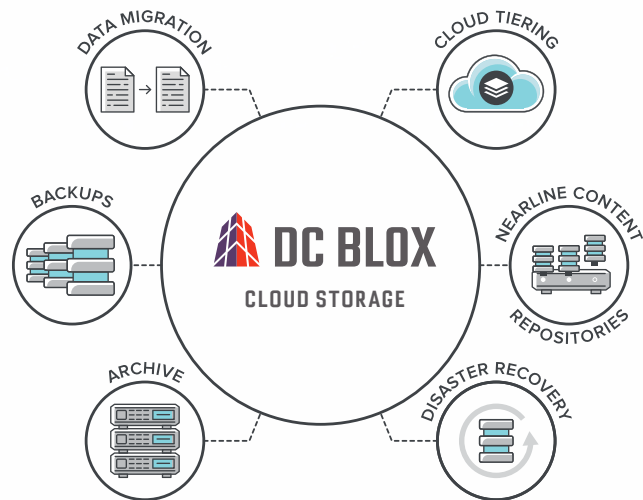
◢ EASY DEPLOYMENT

- Software-defined storage platform
- Customer service portal for administration
- Available professional services

DC BLOX Cloud Storage Versatility

DC BLOX Cloud Storage may be used by many of the most popular applications which use the industry standard S3 and Swift Application Program Interfaces (APIs). The DC BLOX Cloud Storage solution is especially valuable for organizations requiring large-scale off-site data storage with high-performance data access. DC BLOX Data Management offers a way to extend the value of existing storage investments while cost-effectively managing data placement to optimal storage tiers.

DC BLOX Cloud Storage has value for use cases including:

DC BLOX

DCBLOX.com

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Birmingham, AL 35233

CHATTANOOGA
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HUNTSVILLE
333 Diamond Dr NW
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