

Deep Storage for GPFS from Spectra Logic BlackPearl and ArcaStream

ArcaStream Software Defined Scale-Out Storage

ArcaStream delivers software-defined scale-out storage and data management solutions that free you from hardware vendor lock-in. Future-proofed and tailored to your exact requirements, ArcaStream helps you take total control of your spiraling storage costs. ArcaStream provides organizations with the ability to:

- Do more with less -- designed and optimized for specific workflow performance and data management requirements
- Automate tiering of data from GPFS to Spectra tape libraries, freeing valuable Tier 1 storage with complete transparency
- Allow secure access, sharing, migration and replication of data to users and storage resources anywhere in the world using collaboration tools

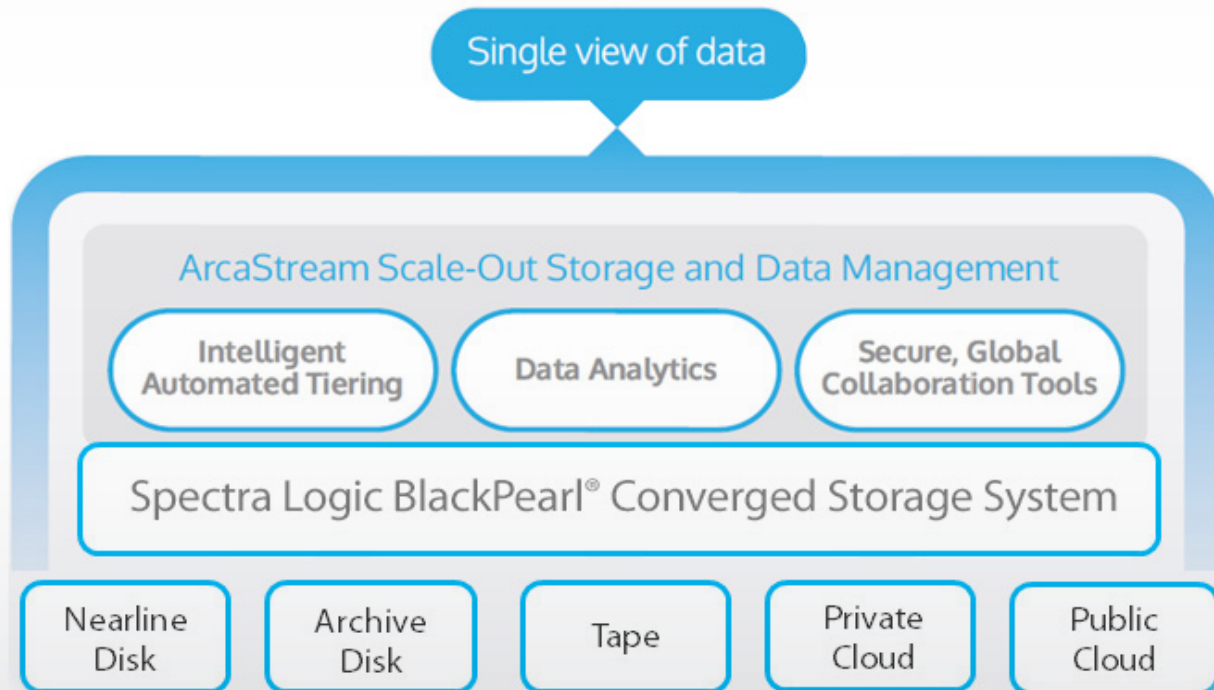
Spectra® BlackPearl® Converged Storage System

Designed to meet the demands of today's high performance computing environments, Spectra BlackPearl enables users to archive assets on affordable, scalable storage. BlackPearl writes data from GPFS environments to tiers of storage including online and nearline disk, as well as tape, using open standard-based LTFS on pre-defined policies, all while assuring data integrity and availability. Desired data is automatically recalled through intelligent object storage to satisfy user requests.

BlackPearl streamlines the approach to supercomputing workflows by utilizing cloud architecture, object storage and LTFS.

- Easy-to-deploy full solution with a plug-and-play model
- Seamless operation and extreme scalability
- Affordable storage that meets service-level requirements
- Platform where content will outlive its storage medium

Single view of data



ArcaStream and Spectra Logic BlackPearl Converged Storage System for GPFS

Combining ArcaStream and Spectra Logic BlackPearl enables GPFS users to store their data using object storage on disk, tape, public and/or private cloud - within a multi-user workflow. The solution provides scale-out storage and data management with intelligent automatic tiering, data analytics, and secure global collaboration tools. An affordable archive for high performance environments, this solution eliminates the need for expensive proprietary hardware and HSM technology.