

SOLUTION BRIEF

Unified Storage for Operational Workloads

Set up your business for success with flexible, efficient Pure Storage® FlashArray™.

Managing the IT infrastructure for your business's day-to-day operations only becomes more challenging when your business takes off. Data growth, new applications, and limited IT budgets demand flexible, efficient solutions so your team can continue to innovate. Point solutions that address specific user or workload needs can leave you with a data center full of expensive systems that hold you back, both now and in the future. What's more, they can lock your data in silos that keep your business from realizing its full value.

Pure Storage helps you meet today's demands for business agility with data services that integrate block and file access on FlashArray. FlashArray offers true multi-protocol access and global data reduction across a shared storage pool, with the simplicity and stability you've come to expect from Pure. This enables IT to eliminate data silos that not only fragment storage capacity but also hinder your ability to respond to changing business needs. At the same time, unified storage reduces the complexity that comes from having to manage multiple platforms, each with different user experiences, APIs, and interoperability challenges.

Organizations using FlashArray for critical business services, such as databases, can use the same FlashArray for home directories, file shares, and other file storage needs. FlashArray's unified storage approach particularly benefits business services that are primarily block-based but have associated file data. For example, SAP and SQL databases that are built with block storage but store log files in a file system.

Having block and file storage on the same platform streamlines planning and operations for applications and alleviates the need for IT staff to specialize in disparate systems.



Unified for Block and File

- Future-proof business for growth
- Eliminate pain points that add complexity and cost
- Unlock siloed data to maximize value



Proven Technology

- 99.9999% availability
- Data reduction for maximum efficiency
- Always-on, at-rest encryption



Complete Control

- Same experience for block, file, on-premises, and cloud data
- Cloud-based Pure1® dashboard
- Always-on operations

FlashArray Details

On FlashArray, block and file protocols run side by side in the Purity operating environment, and on top of Purity's proven data reduction and availability technologies. Both block and file services benefit from global compression and deduplication across the shared storage pool. And unlike gateway-based solutions, SMB and NFS file protocols are served natively by Purity, so you don't have to deploy and manage additional servers or other infrastructure.

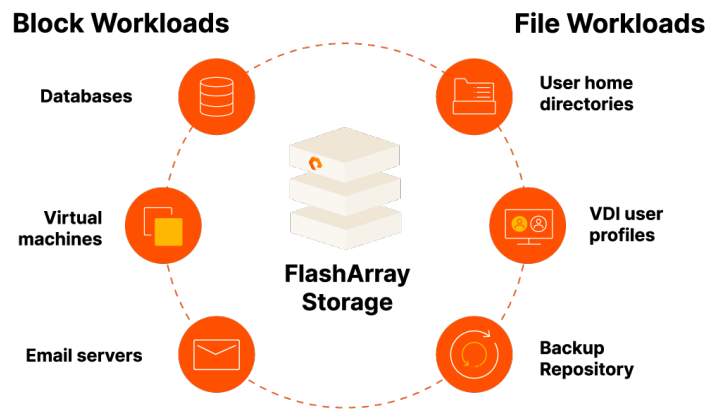


Figure 1: FlashArray's integrated block and file services support a range of business services.

Built on Proven Technology

Benefits of FlashArray's unified block and file architecture include:

- Only unique blocks of data are saved on flash, which removes duplicates that other architectures often miss.
- Always-on, at-rest encryption provides enterprise-grade data security automatically.
- Monitoring of performance variability automatically resolves bottlenecks.
- You can expand capacity and replace or upgrade components without taking storage offline or impacting applications.
- Pure's Evergreen™ subscription and Right-Size Guarantee™ eliminate expensive upgrades and storage rebuys.

Fully Integrated, Streamlined Management

Manage more infrastructure with less effort. From your desk or on the go, Pure shows you everything across block- and file-based production systems, plus cloud platforms and remote locations. Pure1 cloud-based management provides insight to all your Pure storage. Get critical information about the health and functionality of your entire stack, using predictive analytics powered by machine learning. Block and file servers are available equally through the CLI and REST API. All so you can ensure consistency, make faster decisions, and respond more quickly.

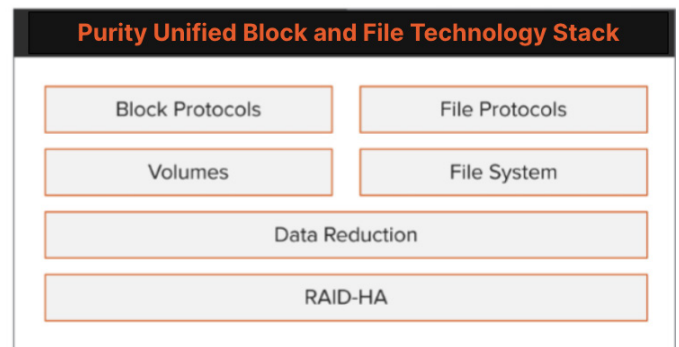


Figure 2: Block and file services are built directly on Pure's core data reduction and availability technologies.

Additional Resources

- Learn more about high-capacity storage without compromise with [FlashArray//C](#).
- Learn how to accelerate business results for Tier 0 and Tier 1 workloads with [FlashArray//X](#).

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