

SOLUTION BRIEF

Elevate Enterprise Imaging with FlashArray

Increase speed and stability to your enterprise imaging ecosystem with Pure Storage[®] FlashArray™

Enterprise imaging departments move fast—too fast for traditional storage on spinning disks. Seconds count when reading images that impact patient care, and when clinicians are trying to keep up with a growing number of studies generated by an increasingly sophisticated mix of modalities. If you're ever waited for images to load in your picture archive and communications system (PACS) or vendor-neutral archive (VNA), then it's probably time to upgrade your infrastructure to handle a multitude of storage types. And if your storage doesn't include technology to protect the data within it, then you need to reevaluate your enterprise imaging strategy—especially in today's environment of increased ransomware attacks.

Speed Up EI with FlashArray

All-flash solutions from Pure Storage uniquely support the initiatives driving today's enterprise imaging departments. Requirements to rapidly turn around results, feed AI, support analytics, and embrace cloud strategies are all forming the next generation of care delivery. FlashArray with Purity 6.4 is enterprise-ready, provides 99.9999% availability, enables unified block and file, and delivers non-disruptive upgrades—perfect for healthcare, where there is no tolerance for inconsistent performance or unplanned disruptions.

In terms of speed, FlashArray delivers consistent single-millisecond latency for the most demanding environments and accomplishes this with significant power savings over spinning disk storage. On top of this performance, FlashArray delivers multiple storage formats so you can choose the best path for your respective applications. Further, FlashArray//E™ brings to life an all-flash data center enabling a cloud operating model to drive: simplicity, scalability and better FinOps economics. Give your physicians the speed they need and the experience they want with FlashArray for your enterprise imaging solution.



Speed

Experience up to 50% reduction in read latency



Flexibility

Utilize file, block, or file and block. Buy, lease, or subscribe as a service.



Data Reduction

Realize data reduction of 1.5:1 on DICOM image sets.



SafeMode™ Snapshots

Gain resiliency with immutable backups from SafeMode Snapshots. Use SafeMode to prevent attackers or rogue insiders from deleting backups.

Accelerate Patient Care

Pure Storage delivers unparalleled value for enterprise imaging, making it an ideal choice for healthcare IT leaders seeking a top-tier solution. Our state-of-the-art storage systems provide seamless access to vast volumes of medical imaging data, facilitating rapid diagnoses and optimized patient care. With robust security features, we ensure compliance with privacy regulations while supporting effortless data sharing across the healthcare landscape. Our solutions are designed for scalability and integration, harmonizing effortlessly with your existing IT infrastructure, reducing operational friction, and enabling advanced diagnostic capabilities through AI and analytics. By selecting Pure Storage, you can enhance your organization's operational efficiency, bolster data security, and drive advanced patient care while effectively managing costs.

Unlock the full potential of your imaging data, paving the way for personalized patient care, streamlined workflows, and cost-efficiency. Our commitment to reducing total cost of ownership (TCO) ensures your resources are optimally allocated, allowing you to meet your budget constraints. Pure Storage offers a strategic investment for healthcare IT leaders, elevating the competitiveness, data security, and diagnostic speed of your organization, while ensuring a scalable, cost-effective, and forward-looking solution for your enterprise imaging needs.

Storage That Grows With You

FlashArray provides a unified and native storage platform that scales easily to support an entire enterprise, regardless of imaging exam volume or how many active physicians are requesting data. This scalability—combined with flat-and-fair maintenance and support fees—make image storage costs predictable with easy expansion, instead of major upgrades.

Lower TCO

Simple, seamless, and sustainable storage for enterprise imaging means less storage management and zero fine tuning, plus lower power, cooling, and rack space requirements.

Storage Consolidation

A flexible global pool of storage resources eliminates the need for pre-planning storage growth, and a unified policy management system dramatically cuts administration time. Consolidate all of your block and file storage on a unified platform.

Data Reduction

What does your current storage array do for you? FlashArray offers an industry-best 1.5:1 data reduction ratio (DRR) on DICOM images to provide best-in-class data reduction. DirectFlash® modules and unique data-reduction technologies combine to deliver the most usable effective capacity. You don't have to compromise array performance or resort to spinning disk or vendor gimmicks to meet data-intensive and capacity-sensitive workloads.

Data Protection

SafeMode Snapshots provide resiliency with immutable backups, making it impossible for an attacker or rogue insider to delete backups, even if administrator credentials have been compromised. A standard feature, SafeMode Snapshots protect your data if an attack or natural disaster occurs.

Subscribe To Innovation

With Evergreen® Storage, you can apply a SaaS-like approach to storage that lives on-premises. Evergreen puts an end to PACS or VNA storage migration projects. A 100% non-disruptive product architecture with a flexible buying program, an Evergreen subscription frees you from the complexities, risk, and expensive upgrade processes of legacy storage. All the features of the Purity Operating Environment are available at no additional cost.



The Purity Advantage

The Purity operating environment is secure, highly scalable, and simple to use. Extract greater value from ever-growing volumes of data, simplify data management and eliminate the silos that can throttle innovation. Use Purity to intelligently manage your data, whether it's in data centers, at the edge, or in the cloud.

Simple By Design

FlashArray has the power to simplify everything: The hardware, software, and cloud management experiences are co-designed to make everything work, with:

- One box, 30-minute installation with no manual required (with available Pure Professional Services or partner installation) with only six cables and all array software included
- Ease of management thanks to no performance tuning, APIs for automation, and AI-driven cloud management
- Peace of mind with proactive support

Additional Resources

- Read the e-book [Taking Enterprise Imaging to the Cloud](#)
- Read the e-book [The Great Data Reckoning: How Enterprise Imaging is Managing Images and Data Better.](#)
- Explore more reasons to use [Pure solutions for enterprise imaging.](#)

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