

## SOLUTION BRIEF

# Boost Enterprise Imaging Performance with FlashBlade

Deliver low latency, unified fast file and object storage, and scale-out NAS.

To get higher levels of performance and functionality from your enterprise imaging solutions, start by taking a closer look at your infrastructure. Legacy data storage simply can't keep pace with the demands of the leading picture archive and communications systems (PACS) or vendor-neutral archives (VNAs). Today's enterprise imaging solutions need to increase study throughput, consolidate data from multiple clinical departments, and make the viewing of studies simple—whether that's done remotely, from within the electronic health record (EHR), and even on mobile devices. Plus, organizations are increasing their use of analytics and AI to maximize the value of their data. All of this requires innovative storage infrastructure.

## Deliver Innovation with Pure Storage® FlashBlade®

The latest version of [FlashBlade](#) with [Purity 3.2](#) delivers unprecedented performance in a small form factor. It is tuned to deliver multi-dimensional performance for any data size, structure, or access, delivering ten times or greater savings in power, space, and cooling costs.

The performance from FlashBlade enables it to handle multiple workloads, allowing enterprise imaging solutions, EHRs and other core systems to share storage. With flexibility built into the architecture, data can be stored in multiple formats to address how your data is consumed. Support for fast native SMB is included, and FlashBlade's [Unified Fast File and Object](#) (UFFO) storage delivers a single file-and-object storage platform to drive digital transformation.

FlashBlade gives radiologists and technicians increased productivity with low latency that ingests and retrieves images up to four times faster than competitors. And being optimized for AI workloads makes FlashBlade an ideal solution for the automated image analysis and detection that is increasingly being utilized.



### Performance

Ingest images up to 4x faster than competitors' storage.



### Storage the Way You Want It

Get support for multiple storage protocols, including fast native SMB.



### Faster Answers

Leverage advanced analytics. FlashBlade is designed for AI workloads to automate image analysis.



### Data Protection

Restore data rapidly to meet SLAs for disaster recovery, while also protecting backups from cyberattacks.

## Replace Legacy Racks with FlashBlade

Some storage alternatives claim to be performant but are complex to deploy. Others promise large capacity but deliver data slowly. FlashBlade is the first scale-out storage solution to intersect on all three dimensions of big, fast, and simple.

Big	Fast	Simple
<ul style="list-style-type: none"> <li>• Petabytes of capacity</li> <li>• Elastic concurrency, up to tens of thousands of clients</li> <li>• Tens of billions of objects and files</li> </ul>	<ul style="list-style-type: none"> <li>• Performance scales with data</li> <li>• Always fast, from small to large files</li> <li>• Massively parallel architecture from software to flash</li> </ul>	<ul style="list-style-type: none"> <li>• Pure Evergreen™ means you don't have to re-buy terabytes you already own</li> <li>• “Tuned for Everything” design eliminates the need for manual optimizations</li> <li>• Instantly scale out everything simply by adding blades</li> </ul>

**Storage that Grows with You:** FlashBlade 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.

**Data Protection:** [SafeMode™](#) snapshots provide resiliency with immutable backups, adding protection against an attacker or rogue insider from deleting backups, even if administrator credentials have been compromised. A standard feature, SafeMode snapshots provide protection to your data if an attack or natural disaster occurs.

**Subscribe to Innovation:** 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. And get all the features of Purity Operating Environment 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.

### Additional Resources

- 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.](#)

