SOLUTION BRIEF

Gain Financial Flexibility with Evergreen//One for Medical Imaging

Scale and manage your enterprise imaging
data to accelerate patient care.

The volume of data created by medical imaging is rapidly growing, both in terms of the number of studies performed by physicians daily and the size of data generated by imaging modalities.[1] Physicians rely on this data to quickly diagnose patients, provide clinical care, advance research, and AI development. Unlock the power of Evergreen//One™ for Medical Imaging to scale and manage your enterprise imaging data. Evergreen//One for Medical Imaging combines the flexibility of the cloud with the security and performance of all-flash, sustainable infrastructure. Leverage predictable per-study pricing to cost-effectively provide rapid access to large volumes of medical imaging data and facilitate faster diagnosing to improve patient care. Drive financial and operational efficiency while reducing security risk in your imaging environment with an SLA-backed service and unmatched data storage.

Gain Financial Flexibility

Healthcare organizations have struggled to estimate operational costs of PACS/VNA storage as data sets increase to meet expanding patient volumes, advancements in imaging technology and AI, and growing medical imaging demands. Unexpected costs and paying for unneeded storage can create economic strain, operational inefficiencies, and performance issues that hurt physicians' ability to provide fast diagnosis and quality care. The drive for faster treatment leaves organizations with a complex data problem to solve. Pure Storage® delivers financial and operational flexibility with predictable per-study costs, while guaranteeing the performance and capacity required to efficiently run your imaging business on a fast, secure, and reliable storage platform. Our service and pricing model allows you to effectively manage revenue costs and simplify the purchasing process while providing physicians quick access to images and clinical data and images in sub-seconds.

Additionally, Evergreen//One can help organizations meet sustainability goals with 85% less energy consumption compared to competitive all-flash systems.[2] By avoiding overprovisioning and reducing the amount of hardware deployed with a medical imaging as-a-service and the world's densest flash, organizations can create economic stability.

Cost Predictability or Accelerate ROI

Reduce TCO by paying only for the storage you use—scale up and down as needed.

Secure Storage

Modernize your imaging environment, ensure regulatory adherence, and improve cyber resiliency.

Accelerate Performance

Enhance diagnosis speed and propel innovation with a platform built for AI.

Optimize Operational Efficiency

Enterprise Imaging is a critical service for patient care and diagnosis and hospital operations. Due to the high importance of imaging, healthcare organizations are constantly seeking ways to improve operational efficiency and streamline imaging workflows. Our comprehensive storage-as-a-service solution and binding SLAs help reduce the operational burden of managing infrastructure and offer zero planned downtime for maintenance and non-disruptive upgrades. Physicians are more productive when imaging data is delivered rapidly, consistently, and securely in their clinical workflows. You can ensure quality patient care and business continuity with continuous availability and performance.

Protect Patient Data

Ransomware attacks on medical imaging practices and healthcare organizations are becoming increasingly common. These cyberattacks can cause disruption of care services, temporarily shut down systems, and impact patient and imaging record security.[3] Maintaining data integrity and security in the healthcare industry is paramount. Evergreen//One all-inclusive software means you have access to advanced security features at no extra cost. Your organization can minimize cyber vulnerabilities and assure security and compliance enabling data protection for patient data sets. Other security features include:

- Protecting sensitive imaging data with the only storage-as-a-service backed by binding SLAs

- Restoring data rapidly to meet SLAs for disaster recovery for continuous patient care

- Anomaly detection to ensure data protection and regulatory adherence

Service Overview

Predictable Price per Study for Entire Contract Duration
Effectively manage revenue costs and simplify the purchasing process while providing physicians quick access to clinical data and images in sub-seconds.

- Pay only for the storage you use and studies you generate during the contract term. Scale up and down as needed.

- Per-study price is guaranteed for the entire duration of the contract, even if the average study size doubles.

- Billed over time, per study and per contract.

- Flexibility to keep studies beyond contract period in per-study billing, or migrate studies over at a cost effective $/TiB rate for historical data.

SLA-driven Infrastructure, Managed by Pure Storage
Gain cloud-like flexibility with the security and performance of all-flash, sustainable infrastructure.

- Guaranteed capacity and performance for all your studies and imaging needs.

- 24/7 premium support with proactive monitoring, remote software upgrades, and guided feature adoption.

- Strategic planning through a dedicated Customer Success Manager (CSM).

Additional Resources

- Learn about how Pure Storage can help scale your enterprise imaging storage needs.

- Read about Enterprise Imaging with FlashArray.

- Read how Adventist HealthCare optimized its medical imaging workflow.

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1 | Medical Imaging Market: Global Size, Growth, and Future Projections to 2032. Available at: https://about.cmrad.com/articles/medical-imaging-market-global-size-growth-and-future-projections-to-2032
2 | Pure Storage 2024 ESG Report. Available at: https://www.purestorage.com/content/dam/pdf/en/misc/esg/2024-esg-pure-report.pdf   3 | IBM, Cost of a Data Breach Report 2024.