

HealthSuite Imaging Cloud Storage Tier

Simplify. Protect. Scale with confidence

HealthSuite Imaging Storage Tier is a cloud-based storage service for Philips on-premises PACS customers, designed to help modernize imaging data storage while supporting existing clinical workflows. Delivered as software as a service, the Storage Tier enables healthcare organizations to extend their imaging storage into the cloud, reducing dependency on local infrastructure while maintaining encrypted data storage, immutable retention controls, and multi-copy cloud durability aligned with healthcare security and compliance requirements. Built on the Philips HealthSuite cloud foundation, the Storage Tier leverages hyperscaler cloud storage technologies to deliver durability, availability, and operational simplicity for medical imaging data.

Key capabilities:



Elastic, on-demand scalability
Scale storage capacity as imaging volumes grow, without upfront hardware investments.



High durability and availability
Cloud storage designed to protect imaging data against hardware failure and infrastructure limitations.



Designed with Security in mind
Encryption in transit and at rest, aligned with healthcare security expectations.



Reduced IT complexity
Offload storage infrastructure management, monitoring, and lifecycle activities.



Consumption-based model
Pay for the storage you need today, with flexibility to grow over time.

Benefits of HealthSuite Imaging Storage Tier

Consistent access to imaging data as volumes grow enables:

- Radiologists and clinical team to maintain workflow continuity
- Helps reduce the risk of performance issues associated with local storage limitations by leveraging scalable cloud infrastructure
- To enhance the availability and reliability of imaging data thanks to a cloud-based architecture¹

Simplifying storage operations and infrastructure management allows:

- IT and informatics teams to move away from procuring, sizing, and maintaining on-premises storage
- Easier infrastructure planning and day-to-day operations
- Support for hybrid and cloud strategies without re-architecting PACS workflows

A scalable, consumption-based cloud model helps healthcare organizations²:

- Designed to help healthcare organizations reduce capital expenditure and long-term infrastructure risk
- Enables storage costs to be aligned with actual usage, helping organizations optimize spending

Cloud storage designed for healthcare imaging

HealthSuite Imaging Storage Tier is built on the Philips HealthSuite cloud, leveraging industry-leading hyperscaler storage technologies designed for durability, security, and availability.

Key technical characteristics include:



Cloud-native object storage architecture

Designed with AWS
99.999999999% durability
and 99.9 % availability across
distributed infrastructure.



Healthcare-ready cloud foundation

Built on cloud infrastructure with
security controls and compliance
capabilities designed to support
healthcare environments³.



Imaging data protection mechanisms

Encryption in transit and at rest,
with versioning and immutable
storage controls designed to
protect imaging data integrity

Philips applies its healthcare and imaging domain expertise to design cloud storage solutions intended to align with clinical, operational, and regulatory requirements. For details on how Philips solutions address specific requirements, please contact Philips.

Focus on what matters most: patient care

By extending imaging storage to the cloud, HealthSuite Imaging Storage Tier allows Philips on-premises PACS customers to reduce infrastructure complexity, support cost control, and prepare for future growth, while helping to keep imaging data secure, accessible, and clinically available. Results may vary depending on organizational needs and system configuration. For details, please contact Philips.

1. For information on system uptime and reliability metrics, please contact Philips.
2. Results may vary depending on organizational needs and usage patterns. For more information, please contact Philips.
3. For details on regulatory compliance, please contact Philips.



How to reach us

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