



GE Healthcare

Cloud Archive

Secure. Easy. Affordable.

Cloud Archive from GE Healthcare is a vendor-neutral, cloud-based data-storage service that helps you more effectively manage the increasing volume of enterprise imaging data.

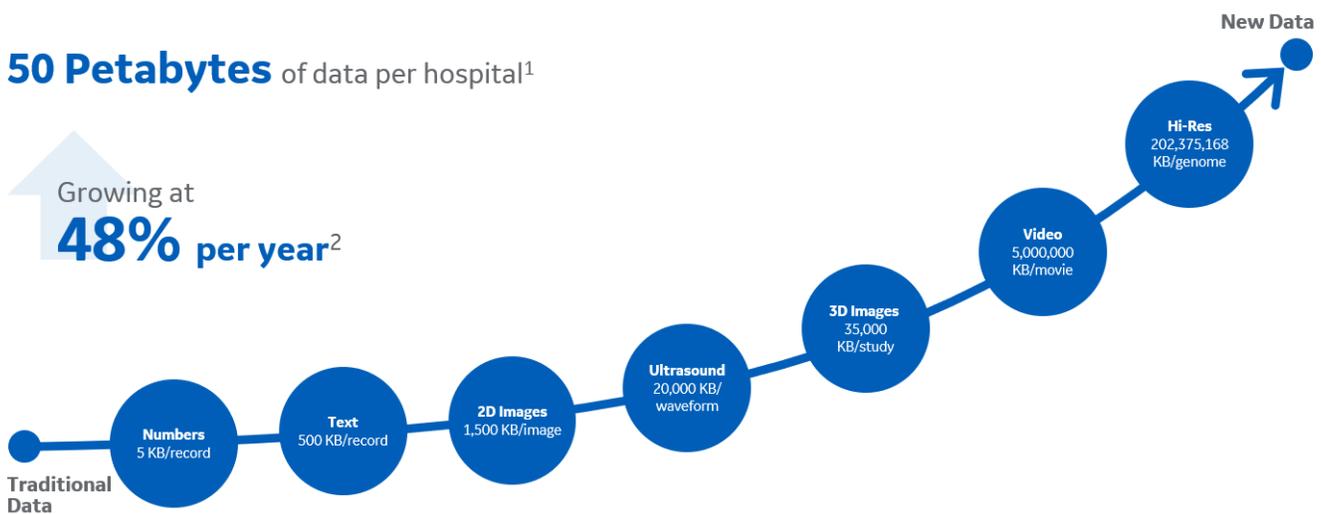
				
Long term archive	Disaster recovery	Data security	Managed transition to the cloud on your terms	Reduction in cost of storage

Cloud Archive provides peace of mind by offloading the burden of managing onsite storage and helps prevent loss of critical patient data in the event of disasters. Simultaneously, it gives clinicians easy access to prior images to help with the process of diagnosis and treatment planning. GE Healthcare has been a trusted partner – with more than 12 years of experience providing remote-hosted archiving services and storing over 100 billion images.

The average hospital has over 50 PB of data¹

That volume of data is growing at 48% per year¹

Managing that data easily and securely is an increasingly difficult and expensive challenge



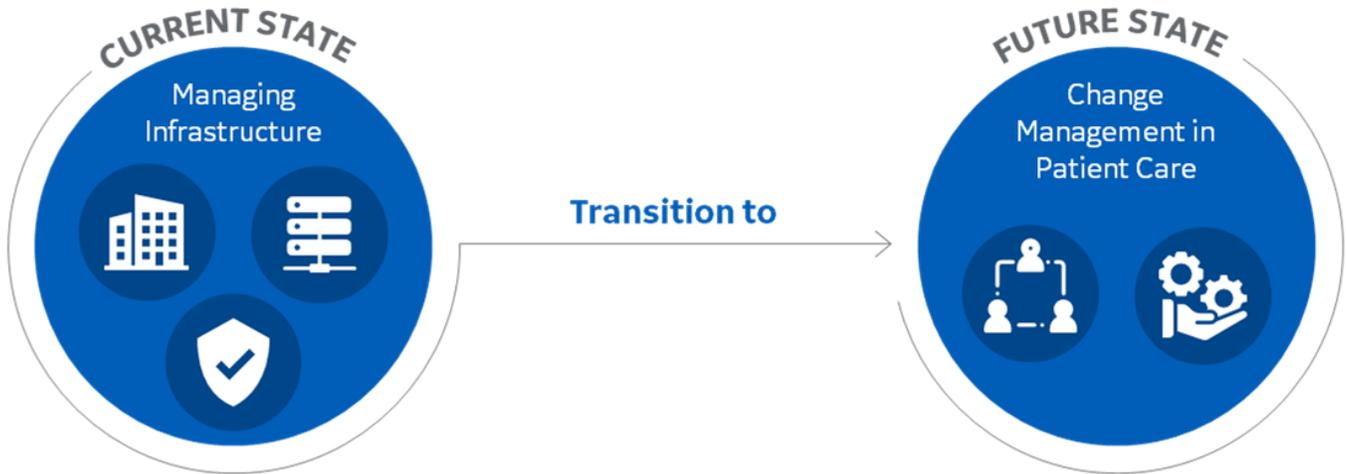
^{1,2} Source: IDC & EMC Study – <https://www.cycloneinteractive.com/cyclone/assets/File/digital-universe-healthcare-vertical-report-ar.pdf>

Optimize IT resources

Today, onsite storage management demands valuable IT resources, from dedicated personnel and physical space to hardware, redundant media, and utilities to heat and cool storage areas. In addition, storage media may need to be refreshed every three to five years to prevent technology obsolescence², which can result in additional capital expense and undesirable downtime.

Cloud Archive helps mitigate these challenges by offering a cloud-based storage service that allows you to redirect your precious time and resources from managing imaging data to focusing on workflow consultation and care delivery.



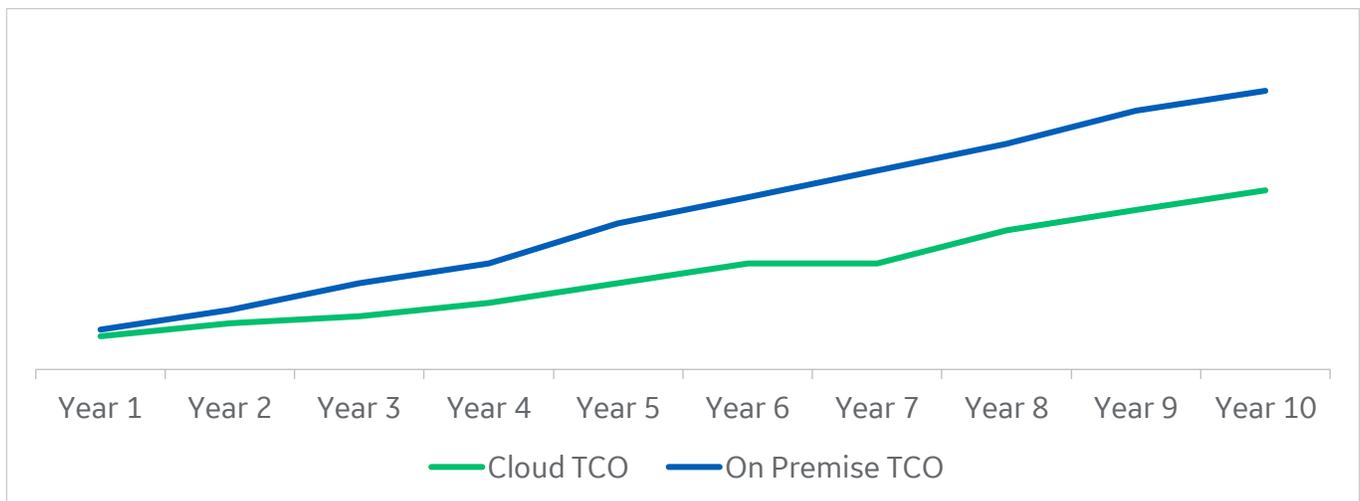


Scalable Investment

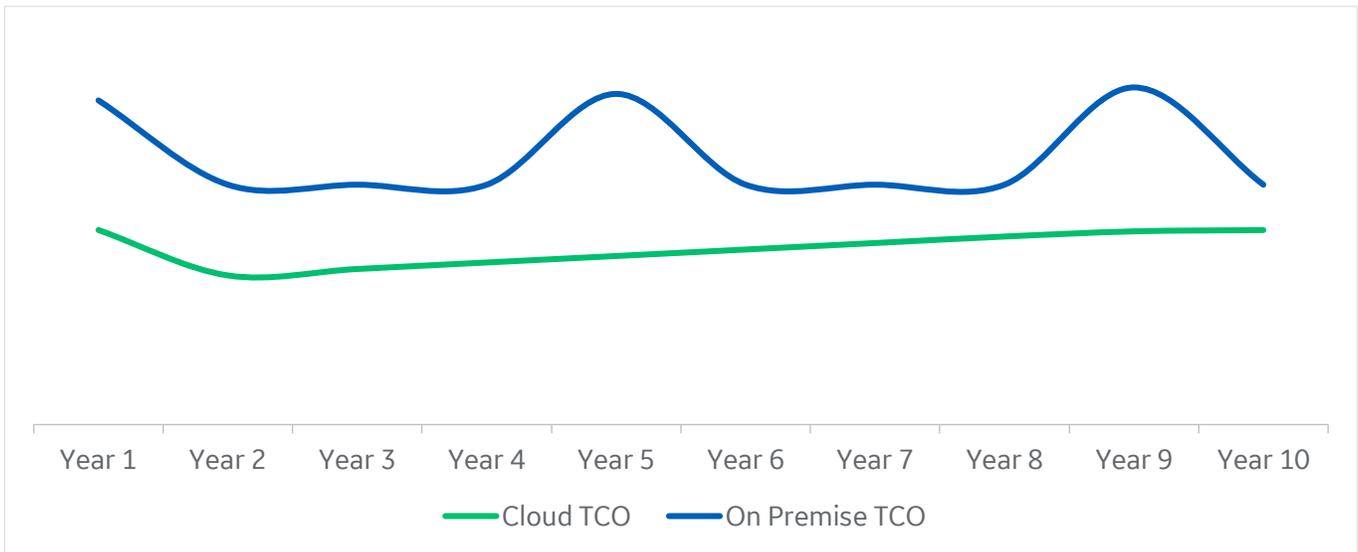
Instead of upfront capital investments in purchasing and upgrading storage hardware, you simply pay a monthly fee that is scaled based on your use of storage. Cloud Archive offers two levels of services to meet your storage needs.

1. Disaster Recovery: Safeguard your critical patient data by automated backup of onsite primary archive.
2. Long-Term Archive with Disaster Recovery: Reduce costly overheads by offloading your long-term archive into our remote data centers. Clinicians get near real-time access to patients' prior images and you gain an affordable, secure and reliable way to manage your growing storage needs.

Total Cost of Ownership



Year Over Year Comparison



Connected Services – Infrastructure management to outcomes management

With Cloud Archive you can take advantage of all of the benefits of cloud storage and disaster recovery, you will also have easy access to other connected services like GE Healthcare's Edison™ Datalogue™ Connect. Edison Datalogue Connect is a multi-purpose, secure, patient data collaboration solution. The solution enables distributed care teams to more efficiently and comprehensively collaborate on patient cases helping reduce handling costs² for foreign studies, time preparing for multi-disciplinary meetings⁵, increase patient referrals and share images and records directly with patients. Connect the community through patient centric collaboration and advanced care coordination.

Data Security and Infrastructure Management

A 2016 study showed that 81% of healthcare CIOs, CTOs, Chief Security Officers, and Chief Compliance Officers revealed that systems at their organization were compromised by one or more cyberattacks within the last year⁴. Cybersecurity and ransomware are an operating cost and existential threat to healthcare providers. Cloud Archive can help mitigate those risks.

Disaster Recovery

Cloud Archive's Disaster Recovery services will help you quickly recover from anything that puts your organization's operations at risk, from a cyberattack to power outages and equipment failures to natural disasters.



Key benefits

Vendor neutral. Flexibility to convert onsite archive into a hybrid cloud archive. Keep short-term storage onsite and allow two copies of your long-term archive in cloud.

Cost-effective, consumption-based pricing. Reduce your capital investments and simply pay a monthly fee metered based on your study volume.

Easy access and automated pre-fetching of prior images from the cloud-based, long-term archive. Shadowing between data in the local PACS and copy in the cloud-based archive.

Analytics that enable actionable reports, bringing archive usage information at your fingertips. Key metrics include exams retrieved and archived along with traceability at the modality, site and patient level.

Easy scalability as you expand your imaging modalities, study volumes and study mix. Our data center infrastructure is equipped with high availability and load balancing in order to help meet fluctuations in demand and allow for rapid scalability.

Secure connectivity enables a seamless connection between the onsite archive and cloud data center.

Technology Partners GE Healthcare partners with globally recognized and segment leading cloud storage providers to offer you the best options for storage, security and scale.

Technical Diagram



Footnotes:

¹Source: IDC & EMC Study – <https://www.cycloneinteractive.com/cyclone/assets/File/digital-universe-healthcare-vertical-report-ar.pdf>

²<http://www.intel.com/content/dam/www/public/us/en/documents/white-papers/optimizing-data-center-infrastructure-for-healthcare-it-white-paper.pdf>; August 25, 2011, File Storage Costs Less In The Cloud Than In-House, by Andrew Reichman for Infrastructure & Operations Professionals

³For reference only. Actual results, costs and outcomes may differ

⁴<https://icitech.org/wp-content/uploads/2016/01/ICIT-Brief-Hacking-Healthcare-IT-in-2016.pdf>

