

# Large Healthcare Services Provider Significantly Reduces Physical & Online Storage Footprint

## Company Summary

This company provides leading IT solutions and managed services for Healthcare entities that power the highest levels of performance for the benefit of clients. They operate multiple geographically dispersed data centers, including two of the nation's largest health care data centers, both rated among the top five percent of data centers worldwide by MIPS.

The company's decades of experience in the government, commercial and education markets, drive innovation, industry-standard security and reliability and efficiency. Their scalable, client focused solutioning approach is trusted by customers in all 50 states as well as countries outside the U.S



## Challenge Summary

Multiple relocations and growth on the **IBM Z platform** requiring deep archival of data using cloud based virtual tape solutions that could be simultaneously accessed from multiple data centers. The rapid growth of historical or older data made it impractical to continue storing on online and physical storage.

## Solution Summary

This healthcare service provider was able to expand their existing Luminex Channel Gateway X (CGX) to include a new datacenter with Luminex CloudTAPE connectivity. By moving all deep archival data to a cloud only storage, they were able to greatly reduce their physical and online storage footprint while still having immediate access to their archive data when necessary.

## Results Summary



Migration of data to a cloud only storage reduced the online physical storage footprint



Reduced on-site virtual tape storage footprint



Flexible Cloud Storage retrieval options allowed for easy recall of data as needed



## Breaking Down the Challenge

Luminex's challenge was to resolve the company's needs for deep archival storage with minimal changes to their operations and recovery. Because the existing solution contained multiple Petabytes (PB) of archival data, it was necessary that the archival storage target was flexible and could be accessed from multiple data centers. Doing a full data migration of this data for each storage upgrade or data center move would have been costly and time consuming. Additionally, because much of the data was archive data, it was necessary to have a storage solution that did not consume valuable local storage that would be costly to migrate.

## Deep Dive into The Solution

An analysis of the customer's tape environment found that a large portion of tapes met the requirements to be placed into an archive cloud storage target. For the data center migration, it was identified that the archive data could exist as a cloud only copy, eliminating the need to physically migrate any of the data. This allowed the data to be accessible from multiple data centers and future-proof the solution from any future physical online storage upgrades or migrations. Any archive data that is needed is easily retrieved directly from the cloud target.

## Deep Archival Data – Cloud Only Storage

