

Modernizing 150 TB of Data for 92 Hospitals in 22 States

for one of the largest not-for-profit health care systems in the U.S.



Business Need

- **Need to decommission older PACs system** at 2 locations
- **Classification of data** and to gain **data insights from the PACs images**
- **Maintain the data in the PACs images** even without the original PACs systems
- Migrate images to **Netapp storagegrid 11 system for cost optimization**
- Have the ability **to retrieve patient's data** in the future if necessary

Challenges Faced

- PACS systems stored images on **older NetApp StorageGrid9 platform with only CIFS/SMB and NFS protocol capabilities.**
- StorageGrid9 is being **retired, and it is at its end-of-support/ end-of-life stage**
- **Lack of knowledge** about the patient's data
- **High maintenance cost** of the old data systems

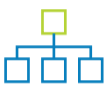





Solution Offered

Implemented Data Dynamics' StorageX capabilities

- The StorageX F2O API was selected because it **provided a way to move each image seamlessly and added relevant object tags as files are transformed.**
- It was used for **metadata analysis and classification** of PACs images
- A **custom script was generated out of each image** name after analysis of its relevant metadata. The script created a F2O API job for each image.
- StorageX was connected to an on-premise storage to collect the necessary image file, transformed it to an object of the same name in the destination SG11 bucket and added the **appropriate object tags which described the image.**

Business Impact

Modernization of the data systems leading to improved patient care:

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Data enrichment through intelligent data classification by metadata analysis
- 
Enabled the ability to study and **derive insights** from the patient's data for the ease of retrieval
- 
The migration into object storage with **improved patient's data access and cost savings**
- 
Data can now be accessed with or without PACs system
- 
Addition of object tags helped in **easy retrieval** of patient's care for future reference thereby enabling improved patient care
- 
Decommission old PACs systems and saved on the maintenance costs of the old datasytems

Data Dynamics is a leader in intelligent file management solutions that empower enterprises to analyze seamlessly, move, manage and modernize critical data across hybrid, cloud, and object-based storage infrastructures for true business transformation. For more information, please visit www.datadynamicsinc.com.