IQVIA

Confronting Data Challenges and Encouraging Growth

How one health system chose IQVIA to implement and support a cost-saving data archiving solution

Challenge

INHERITED DATA AND HARDWARE HURDLES

After a recent hospital acquisition, a large east coast health system faced significant data challenges. The health system inherited substantial data, legacy infrastructure, and approximately 20 different applications.

Many applications were outdated or no longer supported but contained data that still needed to be stored and protected. For example, the acquired hospital was using an app on a 1980s hardware system for patient billing and was paying an exorbitant amount to keep it running.

In light of these challenges, the goal was two-fold:

- Achieve cost savings by retiring legacy applications and hardware

- Leverage data archiving so that all acquired data was centralized, secure, and accessible

Solution

DATA ARCHIVING AS A COST-SAVING STRATEGY

IQVIA helped the health system confront its challenges by implementing and supporting a data archiving solution. IQVIA Data Archiving as a Managed Service addressed the health system's cost-saving strategy to retire applications no longer required while saving the data in a secure and central location.

Through the Data Archiving as a Managed Service Solution, data remains accessible according to data governance standards. It enables the decommission of all associated hardware and software after retirement, eliminating the maintenance costs associated with these outdated systems. Following this strategy, IQVIA was able to help the health system save $1M per year.

$1M per year savings with IQVIA Data Archiving as a Managed Service

The healthcare industry is a perfect storm for data management and storage. Mergers and acquisitions are commonplace, and the increasingly high volume of patient data makes managing these systems challenging. As data continues to grow, the need for archiving creates an additional source of pressure.

THE GOAL:

1. Achieve cost savings by retiring legacy applications and hardware

2. Leverage data archiving so that all acquired data was centralized, secure, and accessible

Results

DATA ARCHIVING BENEFITS AND BEYOND

Implementation of IQVIA Data Archiving as a Managed Service resulted in:

- Static archived data

- Centralized Release of Information reporting

- Software installation, maintenance, and support

- Ability to archive semi-structured and structured data in support of the data source

- Protected data archive, according to data governance initiative

- Reduction in legal risk with timely data disposal

- Security role-based masking of personal health information and personally identifiable information

THE CASE FOR RELIABLE DATA ARCHIVING

85% of health organizations that have retired legacy IT systems and leveraged data archiving report positive financial impacts[1]

48% growth of health data is expected annually[2]

30% of the world's data volume is produced by the healthcare industry[3]

DATA ARCHIVING AS A MANAGED SERVICE

Solutions like IQVIA's Data Archiving as a Managed Service achieve more than data archiving and the retirement of legacy systems alone. They help set up organizations to leverage future benefits of their data assets while supporting health information management teams which, in turn, impacts the patient experience. In addition, deployment of this kind of solution empowers organizations to allocate more of its budget toward reinvestment and business growth.

"Our clients manage data that needs to be kept including patient, financial or employee info. This requires data systems that are costly to maintain. By archiving this data, we're helping them save hundreds of thousands of dollars annually per data system."

Derek Chen
Practice Lead, Archive Services
IQVIA

[1]Oliver, R. (2019, February 21). Legacy data archiving 2019. Legacy Data Archiving 2019 | KLAS Report. Retrieved July 29, 2022, from https:// klasresearch. com/report/legacy-data-archiving-2019-a-first-look-at-a- changing-market/1371
[2]Dutta Pramanik, Pijush & Pal, Saurabh & Mukherjee, Moutan. (2018). Healthcare Big Data: A Comprehensive Overview. 10.4018/978-1-5225- 7071-4.ch004.
[3]RBC Capital Markets: Navigating the changing face of healthcare episode. RBC Capital Markets | Navigating the Changing Face of Healthcare Episode. (n.d.). Retrieved July 29, 2022, from https://www.rbccm.com/en/ gib/healthcare/episode/the_healthcare_data_explosion#:~:text=A%20 Healthy%20 Outlook%20for%20Data&text=Today%2C%20 approximately%2030%25%20of%20the,generated%20by%20the%20 healthcare%20industry

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