EDW Provider-Payer Data Integration for Large Health System

5+ | Years of relationship

Business Problems

- The client was using an IBM UDMH-based Enterprise Data Warehouse (EDW) for all its data management needs

- The existing EDW was not equipped to integrate and manage non-clinical data from external sources

- When the client merged with a health plan, it faced the challenge of integrating the medical and pharmacy claims data from the health plan into its existing EDW

- It needed to integrate data from relational as well as flat file-based source systems & wanted to upgrade the current UDMH 8.x data model to UDMH 9.1

Solution(s) & Value Delivered

- The CitiusTech team performed a detailed analysis of the client's source systems and the overall IT environment to understand the client's needs around data quality, key use cases and IT support needs.

- The team then developed a comprehensive implementation program that included:

- Integration of medical and pharmacy claims data into IBM UDMH in IBM PDA (Netezza) environment

- Data profiling of source systems and implementation of 100+ data quality rules to provide appropriate alerts

- Creation of a generic meta-data driven framework for   Master tables ETL to expedite development and   improve maintainability

60%
Performance improvement using ETL best practice

100+
Data quality rules implemented

50%
Reduction in time to on-board new data source

75%
reduction in end-to-end ETL execution time

Powering the Future of Healthcare ▶

CitiusTech