

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.

The client needed to integrate data from relational and flat file-based source systems along with upgrading the current UDMH 8.x data model to UDMH 9.1.

Solutions & Value Delivered

- ▶ The CitiusTech team performed a detailed analysis of the client's source systems and overall IT environment to understand the client's needs around data quality, key use cases and IT support needs.
- ▶ The team 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 launch appropriate alerts
- ▶ Creation of a generic meta-data-driven framework for master tables ET to expedite development and improve maintainability



60%

performance improvement using ETL best practices

100+

data quality rules implemented

50%

reduction in time to on-board new data sources

75%

reduction in end-to-end ETL execution time