



## Building a Robust Data Management Strategy Using H-Scale

Success Story

A leading national home health services provider implemented CitiusTech's H-Scale platform to create a robust, reusable and user-friendly data quality, transformation and storage solution

## Business Impact

A leading national home health services provider partnered with CitiusTech and leveraged the H-Scale platform to ensure data quality requirements were met while reducing ongoing development and maintenance efforts.

**150K**

managed  
members

**100+**

data quality  
rules

**100+**

data profiling  
rules

## Client Requirement

Client is a leading national home health services provider that partners with 14+ health plans to improve quality & cost effectiveness of care delivery for ~150,000 members.

The client's existing ETL based legacy solution had limited functionality to meet the increasing needs of on-boarding and managing new health plans. The legacy solution had limitations in addressing data quality issues. This led to incorrect business reporting and a lack in payer confidence in the shared data.

The client needed develop a scalable and modern Data Management platform and also enhance data quality to bring back payer partner confidence.

## The CitiusTech Advantage

The client used CitiusTech's H-Scale platform to build a flexible and robust solution that could process and curate data across multiple health plans. H-Scale helped the client address the following needs:

- Streamlining multiple data exchanges across diverse health plans and efficient administration
- Strong data quality strategy to ensure cleaner data at an enterprise level
- Simplification, repeatability and configurability of the onboarding process and reduction in payer onboarding time
- Building traceable and faster insights into the data pipeline

# Technology Overview

CitiusTech designed the end-to-end data warehouse approach and implemented H-Scale on Hortonworks Data Platform. H-Scale was used for Data Quality and Standardization, Data Transformation and Data Reconciliation requirements.

## Improved Data Quality

H-Scale's comprehensive Data Quality capabilities - Data Validation, Data Standardization, Data Profiling and Data Aggregates, to ensure availability of clean data in the Enterprise Model

## End-to-End Data Management

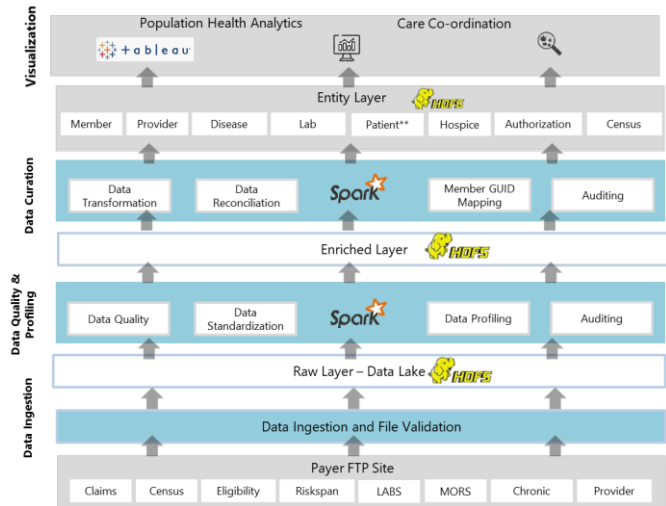
H-Scale's Data Transformation and Data Reconciliation to curate and persist data into an Enterprise Data Model

## Operational Efficiency

Do-It-Yourself user interface for users to configure Data Management rules across H-Scale Data Quality, Data Aggregates, Data Transformation and Data Reconciliation

## Reporting and Tracking

Reporting Dashboard providing at-a-glance view of Data Quality issues across all the Health plans



Solution Schematic

## About CitiusTech

CitiusTech is a specialist provider of healthcare technology services and solutions to healthcare technology companies, providers, payers and life sciences organizations. With over 4,000 professionals worldwide, CitiusTech enables healthcare organizations to drive clinical value chain excellence - across integration & interoperability, data management (EDW, Big Data), performance management (BI / analytics), predictive analytics & data science and digital engagement (mobile, IoT). CitiusTech helps customers accelerate innovation in healthcare through specialized solutions, platforms, proficiencies and accelerators. With cutting-edge technology, world-class service quality and a global resource base, CitiusTech consistently delivers best-in-class solutions and an unmatched cost advantage to healthcare organizations worldwide.

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