CLIENT SPOTLIGHT
Insurance Broker

Insurance broker migrates to an Enterprise Data Warehouse in Azure with a 75% decreased timeline to keep pace with rapid growth

CHALLENGE

As this large insurance broker was rapidly expanding through the acquisition of new agencies, there was a crucial need to integrate these newly acquired transactional systems that managed and stored data with the company's existing data systems. The business needed to be enabled to efficiently extract, standardize and map the data to a unified set of master values, combining it into the current data warehouse to establish a single source of truth.

Recognizing the limitations as they were outgrowing their current on-premises infrastructure, the client sought a solution to overcome the prohibitive cost constraints associated with expanding this infrastructure. Simultaneously, the company aimed to showcase its capabilities in managing substantial growth to prospective agencies they wish to acquire. Proving the broker's ability to handle their huge growth would show value add for potential new agencies but also enable increased investment from private equity firms, thereby facilitating future acquisitions.

SOLUTION

3Cloud initially partnered with the insurance client to build a comprehensive data warehouse to consolidate disparate data sources and create a single source of truth. This engagement included identifying reporting requirements and constructing Power BI reports. Over the subsequent years, we enhanced the infrastructure, introducing new system types tailored for agency partners and expanding data models for Power BI.

⊙ SCROLL TO VIEW THE RESULTS

In our most recent phase, 3Cloud executed the migration of the client's on-premises data warehouse to an Azure Enterprise Data Warehouse. The solution developed throughout this long-term partnership is characterized by a repeatable framework to enable the swift integration of new systems. Data is now ingested multiple times a month through a streamlined business process, enhancing efficiency compared to traditional IT approaches.

RESULTS

Through our Data Warehouse Modernization solution, we achieved an impressive 75% reduction in the timeline for migrating the client's large data warehouse to Azure, streamlining the process from two years to just six months. Leveraging Azure Databricks for cloud-scale analytics has significantly enhanced the experience and performance for Power BI users. The successful launch of the Azure Enterprise Data Warehouse occurred with minimal disruption.

Our data modeling approach empowers the business to quickly integrate new source systems, while faster runtimes ensure timely availability of the previous day's numbers. This transformative solution has earned acclaim from the client, who now regards it as the 'crown jewel of the company' as it has effectively addressed and resolved their biggest challenges.

CLIENT PROFILE

Large financial technology and insurance company.
Annual Revenue: $3.5B
Employees: 7,500
Innovation Focus: Data & AI