

Case Study

Reducing duplication by 30% for a leading P&C insurance provider

Breaking data silos for improved risk management



Atos



At a glance

A property and casualty (P&C) insurance provider partnered with Atos for a detailed data cataloging system. Atos provided a data governance solution on a hybrid enterprise data platform.

Outcomes

- Visibility into PII data across the enterprise
- Self-service access to explore, discover, sanitize and reuse data
- Accelerated time to market through quicker access and arrangement of data assets
- 30% lesser duplication in data
- Enhanced data security and data lineage
- Faster compliance

Overview

The client is an insurance provider with a plethora of offerings for individuals, families, and businesses. With a variety of insurance products, they also have different data domains such as customer information, financial information, legal and regulatory documents, risk management, and market research.

Why Atos

Atos's Data and Analytics practice empowers enterprises to transform into data-centric organizations. With our end-to-end data modernization services, clients can plan, design and build cloud-based scalable, secure data foundation and unified governance models for advanced analytics and generative AI use cases.

Explore Atos's Data & AI services and how we can enable your business modernization journey: <https://atos.net/en/services/data-and-ai>

Challenge

Data silos and duplication

The client is a leading property and casualty (P&C) insurance provider facing a data-centric conundrum. Data was acquired, managed and stored locally by business units along with data generated by different web applications, leading to data silos that lacked a single source of truth. Not only was this a business challenge, but it was also impacting their risk and compliance readiness.

Further, data platforms were created in both, on-premise and cloud, leading to lesser visibility. Business users struggled to implement advanced use cases due to the lack of a common information model. Tracking data pipelines and their security was a key challenge.

Solution

Building a unified platform

The P&C insurer partnered with Atos to build a data analytics solution to explore, discover and reuse data assets, thereby providing a holistic view of its data and its associated lineage. Atos performed a detailed study of the client's existing data platforms, then strategized to create a detailed transformation roadmap.

The second phase of this was the implementation of Data Marketplace – a single point of entry to the enterprise data platform. This included self-service tools for data discovery, data quality, scanning, glossary, data modeling and data cataloging. The enterprise data catalog covered many data store systems including Oracle, SQL Server, Hadoop, SAP and MongoDB, and established a link between all meta data stores to present a unified view of the insurer's data landscape.

Business benefits

Unifying data. Reinforcing trust.

With this unified enterprise data platform, the client now has an accelerated scanning of multiple systems across 26 companies. This allows for faster identification of redundant objects – an activity that has reduced duplicity by 30%. The self-service functionality gives business users access to explore, discover, sanitize and reuse data. With this improved data lineage, the client has implemented its data security and protection strategy, with new compliance functionalities and improved data quality.



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Let's start discussion together



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