DATA LAKE ACCELERATOR

The integration of data and easy access to it is a critical competitive advantage for any Insurance company.

Our Data Lake Accelerator creates quick delivery of data–whether financial, claims, policy, or customer data–to enable analytics, business transformation, and informed decision-making.

Create a one-stop data lake superstore to enable data analytics with ease.

"NEOS helped us rethink our data strategy and delivered a new Enterprise Data Lake architecture on time and under budget. Their commitment, ability to adapt, and overall collaboration with the rest of our team was outstanding."

Head of Global Data Office, Global Life Insurance Company

YOUR CHALLENGES

Working with data inefficiently; often requires IT support & takes a long time to retrieve

A multitude of different systems from which data must be collected

Need to combine data from a high number of sources

After designed, insufficient bandwidth to continue lake buildout and enable effective use of the lake

HOW IT WORKS

Build

A data lake allows you to store vast quantities of any type of digital data in its raw format, allowing for quick and easy ingestion. We put proper governance processes in place so that users understand what is in the lake, where it is, where it came from, and how it can be used. With our Data Lake Accelerator for Insurance, we apply an ACORD-based model. As all data moves into the lake, it is mapped to this Insurance industry standard–and is identifiable and available at any time.

Zone

A properly zoned data lake provides flexibility to quickly add and make available new sources of data, while also providing the benefit of clean and consistent data to downstream consumers. We implement five distinct zones for any data lake: Raw, Structured, Curated, Consumer, and Analytics zones–each of which provides a unique benefit to the lake and its users.

Search, Scale, and Use

Once your data lake is in place, data continues to flow in via batch processing or real-time streaming data. We enable users to leverage a Data-and-Analytics-as-a-Service (DAaaS) model and extract data on-demand to support their analytic needs. The lake can also support advanced analytics and automated functions, such as machine learning and robotic process automation.

THE BENEFITS

Create a Single Repository	Increase Speed-to-Market	Expose Legacy Data	Enable Self-Service	Fuel Strategic Initiatives
Direct the flow of fragmented data from disparate systems across the enterprise–from submissions and quoting, to invoicing and renewals–into one location.	Whether to fuel online interactive client transactions or support actuarial research needs, accelerating the delivery of the right data when it is needed helps deliver the right product or service to customers.	Gain easy access to data otherwise difficult to identify and extract without labor-intensive IT support–at reduced costs and greater efficiency.	Apply good governance so you can find the data you need, validate its source, and draw it from the lake for use in a consumer system–such as claims, marketing, policy, or finance applications.	Support key business initiatives, such as creating a single view of the customer, digital transformation, and robotic process automation.

LEARN MORE

Visit our website for more information www.neosllc.com/datalake