

Unlock Insights with the Power of Data

EVOLVE AND COMPETE IN INSURANCE



Proven Data Leadership in Insurance

Over 200 Insurance Companies globally run on Cloudera to support their data and analytics strategies including

- **12 of the top 15** Global Insurers
- **80% of the top ten** North American P&C Insurance Companies
- **33 of the top 50** Global Life/Annuity and Health Insurance Companies
- **64 of the top 100** Global Insurers



Zurich

The Cloudera platform provides Zurich with a single, flexible, and secure location where all its external and internal data can be located and curated. The solution accelerated the speed to process terabytes of data by 50% and reduced the response time for new business requirements by 70%.

CZ Group

CZ Group standardized its analytics capabilities on Cloudera. The Cloudera platform is an invaluable tool enabling the group to obtain a centralized view of datasets leading to increased agility and compliance. The speed at which medical treatments can be authorized has increased and customer communication is delivered more rapidly and with superior quality.

Manulife

Manulife built an enterprise data lake run on Cloudera as an enterprise-wide data backend supporting digital connections, report automation and AI & advanced analytics development. It gives business users end-to-end, easily searchable customer journey insights. The platform has replaced thousands of stand-alone queries and significantly shortened the time gap between data and action.

Drive Your Business Forward

Insurance companies around the world are striving ahead with innovative offerings that are fundamentally changing the insurance landscape such as customized personal and business coverage. Cloudera enables insurers to leverage the power of data, analytics, and machine learning to create personalized products and services, manage risk, process claims efficiently and address regulatory requirements.

Insurers maintain an abundance of traditional data about their customers that forms the foundation for insurance profiles. This data can now be complemented with real-time information from new data sources such as sensors, weather data, location and traffic updates to better inform and predict insurance needs. The Cloudera Data Platform enables insurance companies to integrate any type of data (structured, unstructured or semi-structured), anywhere (at the edge, in the data center, or in any of the public clouds) and enable machine learning to deliver actionable insights.

Cloudera Empowers Insurance Transformation

Cloudera helps insurers, including property and casualty (non-life), health insurers, life and annuity/retirement insurers, insurance brokers and insurtechs, and benefits or third party administrators to manage and analyze their data to better serve their customers, prevent and mitigate risks and operate more efficiently while maintaining data privacy requirements and regulatory compliance.

P&C

- Usage-based products
- Claims fraud
- Distribution management
- Upsell/cross-sell
- AI & chatbots

Life/Annuity/Health

- Propensity to renew
- Needs analysis
- Process optimization/NGO
- Regulatory compliance reporting

Reinsurance

- Accumulation risk modeling
- Catastrophe modeling and reporting
- Scenario planning

Brokers

- Customer 360
- Churn Analytics
- Risk engineering automation
- Claims processing and support

What Cloudera Offers Insurance Organizations

Cloudera offers an end-to-end data management, analytics, and machine learning platform that helps insurers drive insights and action from any data, anywhere, in real-time.

- Ingest, process, analyze and deliver actionable insights from high volumes of real-time and batch data—including sensors (driving patterns physical fitness), location, weather, news feeds, social media streams, financial markets data, enterprise data sources (policy, claims, CRM or call center systems), etc.
- Enable **predictive analytics** or apply **machine learning** algorithms to petabytes of data to drive real-time actions such as competitive pricing, fraud prevention or next best action.
- Provide multiple analytical options to facilitate improved and iterative modelling in areas such as risk management and regulatory reporting.
- Maintain strict enterprise **data security, governance**, and audit trails across on-premise and hybrid cloud environments.

SDX Enables Common Security, Governance and Compliance

Cloudera's SDX (Shared Data Experience) enables safe and compliant self-service access to data and analytics, offering deeper insights from data with increased agility, at lower cost and with reduced risk. Users can set data and metadata security and governance policies once, and SDX will automatically enforce them across data and analytics in hybrid as well as multi-clouds.

This helps insurers achieve and maintain regulatory compliance. A modern data platform decreases business risks, offering consistent security and governance across all data and environments.

Unlock the Insight to Drive Value and Efficiency

Today, leading insurance organizations worldwide are adopting an enterprise data cloud strategy using the Cloudera Data Platform (CDP) to manage the end-to-end data lifecycle—from collecting raw data at the source, to driving actionable insights and use cases.

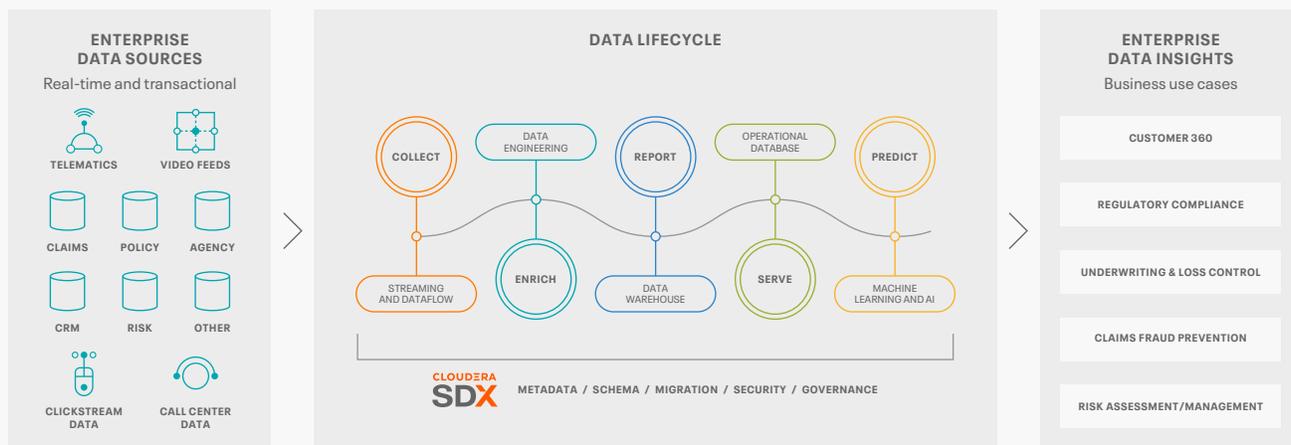
With Cloudera, insurers can collect data from a variety of sources, both streaming and enterprise data sources, store and process it, and run analytics in real-time or apply machine learning algorithms to all data in order to drive actionable insights. This is done while maintaining strict enterprise data security, governance, and control across all environments—on-premises and multi or hybrid cloud environments.

With CDP, insurance companies can easily ingest data from multiple sources, combining and correlating real-time sensor or weather data streams with claims history, customer profile and call center data. Any type of data can be ingested and loaded into Cloudera without altering its format or fidelity, while preserving data integrity and enabling security and governance.

Cloudera offers an integrated suite of proven and open data management tools and analytics engines, to run multiple analytical workloads that drive insights, intelligence, and action from the data.

Data scientists can build, test, iterate, and deploy machine learning models and perform advanced analytics and AI on petabytes of data to identify patterns, detect anomalies, and predict potential outcomes.

ENTERPRISE DATA CLOUD FOR INSURANCE



About Cloudera

At Cloudera, we believe that data can make what is impossible today, possible tomorrow. We empower people to transform complex data into clear and actionable insights. Cloudera delivers an enterprise data cloud for any data, anywhere, from the Edge to AI. Powered by the relentless innovation of the open source community, Cloudera advances digital transformation for the world's largest enterprises.

Learn more at cloudera.com/solutions/insurance.html

Cloudera Data Platform

Cloudera Data Platform enables insurance companies to effectively execute their data and analytics strategy.

- Edge to AI analytics—All the functions needed to ingest, transform, query, optimize, and make predictions from data are integrated, eliminating the need for costly point products.
- Data Security & Compliance—Maintains strict enterprise data security, governance, and control across all environments.
- Hybrid and multi-cloud—Delivers the same data management capabilities across data centers, private, and public clouds.
- 100% Open Source—Open compute and open storage ensures zero vendor lock-in and maximum interoperability.