

INFORMATICA

Industry

Banking and Capital Markets

Website

www.informatica.com/banking

Company Overview

Informatica provides data integration software and services that enable banking organizations to improve capital adequacy positions through improved enterprise risk management and comply with new and existing industry regulations with timely, relevant and trustworthy data.

Solution Overview

The Informatica platform on Cloudera increases productivity up to five times with the ability to access all types of data from modern and legacy systems at any latency, process and integrate data at scale, and deliver actionable information to business stakeholders, customers, and partners.

Improving Capital Adequacy and Risk Management with Cloudera and Informatica

Big Challenges require Big Data Investments

Banking regulators are focused on improving visibility into risk exposures and strengthening the capital health of the global financial markets through a myriad of new policies, including Comprehensive Capital Adequacy Reporting (CCAR), Basel III, European Market Infrastructure Regulation (EMIR), and Principles for Effective Risk Data Aggregation and Risk Reporting (BCBS 239). These laws are all geared toward strengthening the banking sector through enhanced capital adequacy, stress testing, and liquidity management provisions.

The impact of these strengthened regulatory regimes on financial institutions' businesses cannot be underestimated. They often require a review of business models, operating capabilities, and investments in modern data management technology. They also require banks to think of ways to improve their risk modeling processes by incorporating new categories of data, including website clickstreams, call logs, emails, and other unstructured formats from internal and external data providers. However, with more data, more sources, and different types of structures come new challenges, including:

- > Streamlining data onboarding, parsing, and transformation for timely risk processing and analysis on much larger, more diverse data sets
- > Identifying and managing data quality issues across the data supply chain
- > Having a trusted and comprehensive source of client, counterparty, and securities master and reference data
- > Securing and protecting sensitive information against data breaches

Cloudera and Informatica together deliver a complete enterprise data hub to manage all types of financial services data in a secure and scalable platform that delivers clean, safe, and connected data to business stakeholders, customers, and partners.

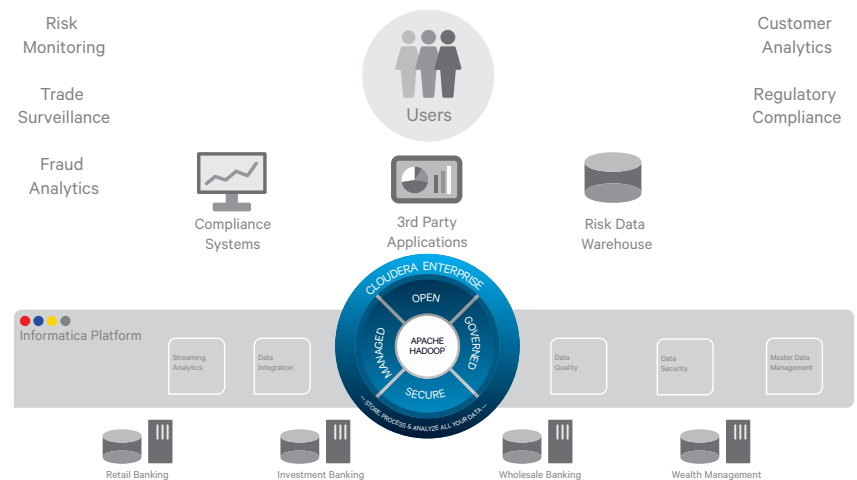


Figure 1: Figure 1: Cloudera and Informatica Solution for Enterprise Risk Management and Capital Adequacy Compliance combines the power of Informatica's Intelligent Data Platform with Cloudera's enterprise data hub for Big Data risk management and compliance

Solution Highlights

- > Incorporate all data big or small for enterprise risk management and ongoing regulatory compliance
- > Increase the accessibility of all types of data including SWIFT, trades, securities reference data, unstructured data from call logs, website clickstreams, email, and more
- > Accelerate time to value with a visual development environment for data integration and quality
- > Ingest data into Hadoop through batch, real-time streaming, and highly compressed archived data
- > Manage and enrich client, counterparty, and securities master and reference data with a single version of truth
- > Discover meaningful relationships in data and incorporate them into analysis
- > Achieve data security by profiling, discovering, and masking protected business information

Addressing the New World of Risk Management and Regulatory Compliance with Cloudera and Informatica

Banking organizations are positioned to succeed with Cloudera and Informatica. Proven data-centric solutions and services enable enterprise-level risk management and ongoing compliance with new and existing bank regulations. By combining Informatica's Intelligent Data Platform consisting of industry-leading data integration, data governance, and master data management with Cloudera's enterprise data hub framework based on Apache Hadoop, organizations can:

- > Quickly and cost-effectively access and onboard massive amounts of data from all required systems, regardless of volume, type, structure, or source, including loan servicing systems, front-office trading, settlements, payments, credit cards, client onboarding, and third-party data providers.
- > Identify, address, and monitor ongoing data quality requirements to avoid miscalculations and regulatory reporting errors
- > Accurately identify unique counterparties, cross-reference external entity identifiers with internal records, relate legal entities, define hierarchy structures, and link existing counterparties with securities instruments across heterogeneous sources
- > Process, analyze, and score risk against all of this data and produce actionable information for risk and compliance professionals in a timely manner, leveraging the scalability and performance of Cloudera's enterprise data hub framework, featuring Apache Hadoop
- > Manage and comply with data retention requirements called out by each regulation
- > Provide transparency, auditability, and governance through end-to-end data lineage reporting and analysis

About Cloudera

Cloudera is revolutionizing enterprise data management by offering the first unified Platform for Big Data, an enterprise data hub built on Apache Hadoop. Cloudera offers enterprises one place to store, access, process, secure, and analyze all their data, empowering them to extend the value of existing investments while enabling fundamental new ways to derive value from their data. Cloudera's open source Big Data platform is the most widely adopted in the world, and Cloudera is the most prolific contributor to the open source Hadoop ecosystem. As the leading educator of Hadoop professionals, Cloudera has trained over 22,000 individuals worldwide. Over 1,200 partners and a seasoned professional services team help deliver greater time to value. Finally, only Cloudera provides proactive and predictive support to run an enterprise data hub with confidence. Leading organizations in every industry plus top public sector organizations globally run Cloudera in production. www.cloudera.com

About Informatica

Informatica Corporation (Nasdaq:INFA) is the world's number one independent provider of data integration software. Organizations around the world rely on Informatica to realize their information potential and drive top business imperatives. Informatica Vibe, the industry's first and only embeddable virtual data machine (VDM), powers the unique "Map Once. Deploy Anywhere." capabilities of the Informatica Platform. Worldwide, over 5,000 enterprises depend on Informatica to fully leverage their information assets from devices to mobile to social to big data residing on-premise, in the Cloud and across social networks.

cloudera.com

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