



Building Trust:

Rabobank – Automated End-to-End Data Lineage for Compliance



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Anil Bandrupalli
Solution Architect for Data Management
Rabobank

Goals

Understand data lineage across the bank to create business value and growth opportunities while driving digital transformation

Comply with regulatory requirements for financial services, such as BCBS 239 for risk data aggregation and reporting

Promote data governance and improve overall data quality to help increase the value of data assets and maintain that value over time

Solution

Inventory and catalog data using Informatica Enterprise Data Catalog for end-to-end data lineage and complete tracking of data movement

Give employees an easy-to-use interface and simple search to quickly discover data and its lineage for auditors or internal projects

Reduce the duration of root cause analysis processes to empower data stewards to identify and remediate data quality issues faster

Results

Creates a better understanding of what data means, where it came from, how it has been transformed, and how it can be used safely and strategically

Strengthens BCBS 239 compliance and other regulatory reporting by making it easier to give auditors the transparency they require

Helps increase and promote the value of data assets, allowing Rabobank’s Data Governance Board to deliver more effective projects and services

Business Requirements:

- Empower data stewards with a user-friendly data catalog
- Choose a solution that integrates easily with other tools
- Model the impact of any changes to the data environment

About Rabobank

Rabobank, the second largest bank in the Netherlands, is a multinational banking and financial services company. The organization is a global leader in food and agricultural financing and sustainability-oriented banking, with a mission to growing a better world together.



Informatica Success Story: Rabobank

In the Netherlands, innovation and agriculture go hand in hand. By maximizing food production per square meter and focusing on technology and sustainability, the small country became one of the world's largest exporters of food as measured by value, second only to the U.S.

Rabobank was founded by Dutch farmers over a century ago. Today, it still provides many of the country's farmers with innovative financial solutions that fit their unique agribusiness cycles and challenges. With almost 8.3 million customers—7.3 million Dutch and 1 million international—Rabobank is committed to being a reliable bank while emphasizing social responsibility, food security, and sustainable contributions to agribusiness.

Like many financial services organizations, Rabobank is in the midst of a digital transformation, striving to give its customers digital convenience in their interactions with the bank. In addition to delivering retail banking services in a digital, self-service environment, Rabobank needed to better understand data lineage across the bank to create business value and growth opportunities. It also sought to automate manual, spreadsheet-based processes around risk data aggregation and reporting as defined by the Basel Committee on Banking Supervision regulation 239 (BCBS 239).

To support data governance and improve overall data quality, Rabobank created a Data Management Office that includes a Data Governance Board to define and communicate data strategies, policies, standards, architecture, procedures, and metrics. Increasing employees' understanding of customer and financial data and promoting the value of data assets would help the company increase the value of data and maintain that value over time. To drive maximum business value, however, Rabobank needed an automated solution to classify and organize those assets.

"Data is central to every initiative we undertake," says Anil Bandrupalli, Solution Architect for Data Management at Rabobank. "Our business partners continuously face questions such as 'Where is my data? Who needs it? How do I find certain data sets?' To help them, we need to better understand data lineage across the enterprise."

Understanding end-to-end data lineage

A long-time user of Informatica Power Center for batch and real-time data integration, Rabobank had just completed a major initiative using Informatica Data Quality to make customer data more reliable and trustworthy. To enhance regulatory compliance and data governance, the bank decided to take another



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step forward by automatically inventorying and cataloging data across the enterprise. Rabobank deployed Informatica Enterprise Data Catalog to provide end-to-end visibility into data lineage, along with complete tracking of data movement.

"Informatica Enterprise Data Catalog fits in very well with the rest of our Informatica stack, and it was very easy to deploy," says Bandrupalli.

With an easy-to-use interface and simple search, Informatica Enterprise Data Catalog allows employees to quickly discover data and its lineage to fuel analytics projects or provide to auditors. The solution also improves change management by providing data stewards with the ability to view the impact of any proposed changes to the data integration environment.

"Informatica Enterprise Data Catalog offers powerful search, a big list of connectors, as well as an open API, making it easy to integrate with other tools," says Bandrupalli. "That makes it much easier for us to understand data lineage and create business value."

Strengthening compliance and data governance

By using Informatica Enterprise Data Catalog to create a better understanding of what data means, where it came from, where it is used, and how it has been transformed, Rabobank can use data safely and strategically. Instead of tracking data lineage in spreadsheets, employees now use Informatica Enterprise Data Catalog as a metadata system of record, automating the tracking process from end-to-end and strengthening the bank's risk data aggregation capabilities. Rabobank can now provide auditors with the complete datasets they're looking for, along with detailed documentation on data lineage.

"Demonstrating BCBS 239 compliance used to be challenging for us, but not anymore," says Bandrupalli. "Informatica Enterprise Data Catalog automatically harvests all the metadata and links to the intermediate stages, so we no longer have to maintain spreadsheets."

Rabobank is also integrating Informatica Enterprise Data Catalog into its Data Governance Center using the solution's REST API, allowing the Data Governance Board to deliver more effective projects and services. When data quality issues arise, the duration of root cause analysis processes is significantly reduced, allowing Rabobank to identify and remediate data quality issues much faster.

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Inside The Solution:

- Informatica Enterprise Data Catalog
- Informatica Data Quality
- Informatica Power Center

Empowering business users

Rabobank is already finding new ways to use Informatica Enterprise Data Catalog to derive and leverage both business and technical lineage. For example, the bank is adding business terms to data attributes to provide more business context around the data and using data domain discovery to comply with additional privacy regulations.

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Enabling a seamless cloud migration

As Rabobank gradually moves its applications and data to the cloud, Informatica Enterprise Data Catalog will ingest data from cloud solutions and integrate it into the same catalog, making the transition seamless from a data governance perspective. As part of its cloud migration, Rabobank plans to move from Informatica PowerCenter to Informatica Intelligent Cloud Services for user-friendly cloud and data integration.

Digital transformation is changing our world. As the leader in enterprise cloud data management, we’re prepared to help you intelligently lead the way. To provide you with the foresight to become more agile, realize new growth opportunities or even invent new things. We invite you to explore all that Informatica has to offer—and unleash the power of data to drive your next intelligent disruption. Not just once, but again and again.

Informatica Worldwide Headquarters

2100 Seaport Blvd, Redwood City, CA 94063, USA

Phone: 650.385.5000 | Fax: 650.385.5500 | Toll-free in the US: 1.800.653.3871

informatica.com | facebook.com/InformaticaLLC | linkedin.com/company/informatica | twitter.com/Informatica



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