

# Next-Generation Solutions for Today's Securities Instrument Reference Data Needs

## Benefits

- Reduce data acquisition cost and complexity with comprehensive data
- Deploy faster and lower ownership costs with flexible data models and rules management
- Improve insight into risk with comprehensive cross-referencing of securities and counterparty reference data
- Ensure compliance with new and existing regulations with trusted reference data
- Adapt, grow, and succeed with next-generation technology for enterprise reference data management

## Informatica Securities Instrument Reference Data Management Solution

The need for authoritative and trustworthy reference data is more important than ever in today's global financial markets. Trusted and accurate data helps ensure regulatory compliance, mitigates risk exposure, improves trade execution, and reduces settlement costs. Unfortunately, existing reference data solutions have failed to deliver that "golden" reference data due to inflexible data models, hard-coded rules, and the inability to syndicate the critical data to the systems and applications that matter most.

Success in this highly regulated and competitive market depends on having a flexible, modular, and configurable reference data solution—a solution that can help businesses become operationally more efficient and cost effective.

The Informatica® Securities Instrument Reference Data Management solution includes integrated yet modular components that deliver flexible, scalable, and configurable reference data management for enterprise data acquisition, data management, and data syndication use for securities/instruments and counterparty reference data. The solution enables global financial services organizations to reduce the risk and lower the cost of managing reference data while accelerating time to value for business outcomes such as regulatory compliance.

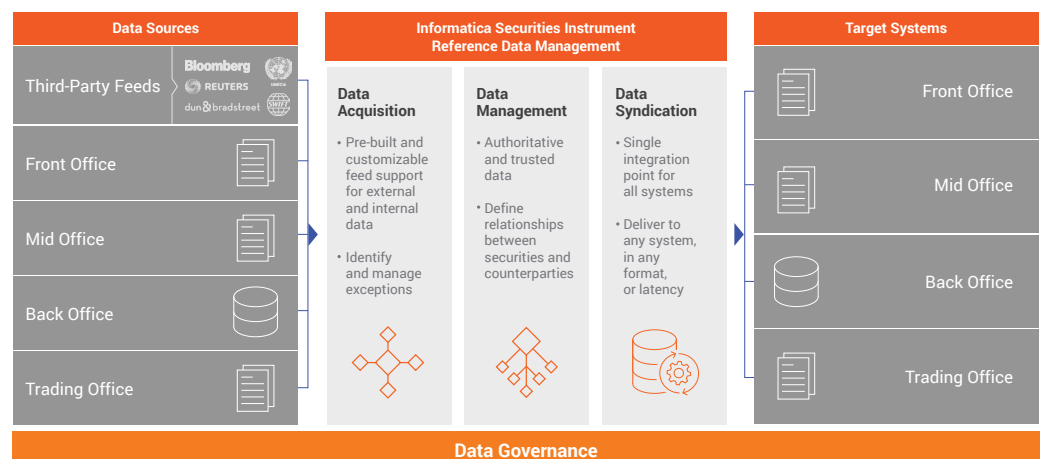


Figure 1. The Informatica solution for managing securities instrument reference data

## Key Features and Benefits

### Data Acquisition

A flexible and scalable way to onboard data from internal systems as well as external vendors

- **Prebuilt support for vendor feeds and data standards** (Bloomberg, Reuters, Telekurs, SWIFT, ISO 20022, Dun & Bradstreet), including vendor changes and prebuilt and configurable validation rules to help reduce costs of data acquisition by 50 percent or more
- **Universal data access connectors** to proprietary, bespoke, and mainframe systems, all relational databases, XML, flat files, messaging queues, and more to ensure comprehensive access to all internal systems
- **Business-driven, automated feed management**, exception monitoring, and error handling facilities to manage data feeds to identify and address unforeseen data quality errors

### Data Management

Configurable, scalable, and business user-friendly solution to manage securities and counterparty reference data

- **Prebuilt data models** for all securities, including major instrument classes such as equities, bonds, treasuries, derivatives, mortgage and asset-backed securities, foreign exchange, and commodities, to accelerate time to market, reduce risk, and mitigate cost
- **Data model management:** graphical user interface to help simplify customization of data models to fit your business need
- **Integrated data quality management** to identify and correct data errors, including duplicates, missing values, and invalid values
- **Reference data governance:** a customizable library of predefined data quality, match, and survivorship rules. Prebuilt dashboards for reference data stewards

### Data Syndication

Universal connectivity and seamless delivery of required reference data to downstream systems

- **Prebuilt target system adapters** for enterprise delivery, including all mainframes, relational databases, structured, unstructured, XML, or as a web service
- **Configurable data transformation management** to avoid the cost and risks of custom scripts
- **Support for all latency needs** including batch or real time
- **Scalable and proven architecture** to support enterprise-wide requirements

## About Informatica

Digital transformation changes expectations: better service, faster delivery, with less cost. Businesses must transform to stay relevant and data holds the answers.

As the world's leader in Enterprise Cloud Data Management, we're prepared to help you intelligently lead—in any sector, category, or niche. Informatica provides you with the foresight to become more agile, realize new growth opportunities, or create new inventions. With 100% focus on everything data, we offer the versatility needed to succeed.

We invite you to explore all that Informatica has to offer—and unleash the power of data to drive your next intelligent disruption.

## Customer Success Story

A large multinational bank implemented the Informatica Securities Instrument Reference Data Management solution to create a central integration point for a number of trading, settlement, accounting, and security master applications. Prior to the implementation, a trader who wanted to trade on a new security had to ask for the instrument to be entered manually into a securities master application and into an accounting system. The average response time for such a request was more than 12 hours. The bank was considering a point-to-point integration for a few common instrument types among three of the systems, at an estimated cost in the tens of millions of dollars.

- The lengthy turnaround time had resulted in \$23 million annual lost revenue, when the traders followed the bank's process. When they bypassed the process by entering minimal information into a trading system themselves, the result was duplicated, inconsistent, dirty data. Consequently, the end-of-day and weekly holdings and exposure reports took an average of three days to produce and had a margin of error of close to 50 percent. After implementing the Informatica Securities Instrument Reference Data Management solution, the bank realized a number of benefits: New security introduction was automated. What had taken overnight now happened in minutes. This automation eliminated the lost revenue due to inability to trade.
- The holdings and exposure reports are produced in hours, and the margin of error is less than 1 percent.
- The entire implementation, which handles all instrument types and all operational systems, cost far less than the point-to-point integration, which included far fewer systems and instruments.

## Next Steps

You can learn more about how your organization can reduce risk and lower the cost of managing any kind of reference data while accelerating time to value for business outcomes such as regulatory compliance, at <https://www.informatica.com/solutions/industry-solutions/banking-and-capital-markets.html>.



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