Data Integration Hub for Master Data Management

Key Benefits

- Organizes and automates integration of master data
- Unifies master data across on-premises, cloud, and big data systems
- Enables agile, self-service access to master data
- Automates syndication of master data
- Guarantees master data delivery across the enterprise

Accelerate Master Data Implementations in Complex Data Integration Environments With Data Integration Hub

Succeeding in data-driven digital transformation requires organizations to enable self-service of trusted data. With Master Data Management (MDM), organizations can ensure delivery of reliable and governed data sharing across disparate systems and applications. But implementing MDM solutions in a complex system landscape can be daunting. The traditional point-to-point data integration approach creates difficult-to-manage, un-scalable, and sometimes redundant data integration projects, which impact data sharing and data governance. A new approach is required to address the master data integration challenge.

Designed to simplify complex integration environments, the Informatica® Data Integration Hub (DIH) solution provides publication/subscription integration patterns, automation, and business user self-service. Leveraging DIH, organizations can govern, manage, and automate the movement of master data across the enterprise. This helps enterprises dramatically accelerate MDM implementations and streamline new system onboarding.

Once the mastered data is added to DIH as golden topics, other applications can subscribe and consume the data on their schedule. Onboarding additional applications is simple and can be done by distributed teams themselves through DIH's self-service wizards.

When MDM is used with DIH, you can cross-reference source IDs to the Golden Record. The cross-referenced information allows for better visibility into the quality of source data. Through DIH, applications that need to consume consolidated data can subscribe to the information associated with the Golden Record. This provides applications with an augmented 360-degree view of an entity, without having to know anything about the source systems.
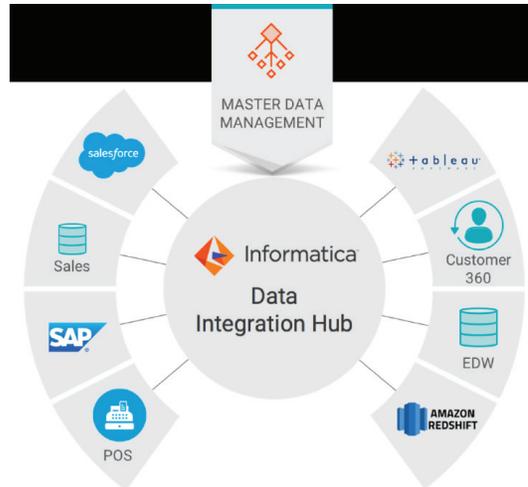
Figure 1. Informatica® Data Integration Hub provides publish/subscribe integration to accelerate MDM enterprise implementations and streamline new system on-boarding.

Key Features

Modular End-to-End MDM

Informatica MDM offers a modular, end-to-end solution that scales with you, as your business needs grow and change. Organizations from every industry leverage Informatica MDM to gain a single view of their business-critical data and a 360-degree view of relationships, as well as a complete view of all transactions and interactions. With a flexible framework for all use cases and domains, Informatica MDM is a comprehensive solution with extensible modules for data quality, data as a service, business process management (BPM), and data security.

Modern Hybrid DIH

Informatica DIH is the modern way to use data integration to power data-driven digital transformation. Not only does the DIH speed the time to value for complex master data integration projects, it also provides an agile foundation for unifying your organization's data residing in on-premises, cloud, and big data applications. The result? Total visibility and centralized control of data sharing and retention. DIH combines the management, automation, efficiency and governance of a publish/subscribe architecture for data with self-service tools.

Organized and Automated Integration of Master Data

Using DIH together with MDM helps organize and automate mixed latency sharing of master data across your enterprise. Use DIH to:
• Simplify and streamline gathering raw data from multiple sources
• Publish your Golden Record to feed subscribing applications with clean, synchronized, consistent data
• Transform transactional data immediately upon publication, using the MDM cross-reference as context for the publication process
• Monitor and track which users and applications are consuming master data

Key Benefits

Automated Syndication of Master Data

Organized mixed latency delivery of master data to all consuming systems at the specified times and in the formats needed guarantees reliable delivery of data across your organization.

Subscription to Data Based on Golden ID

Linking transactional data based on the MDM cross-reference allows consuming systems to get a consolidated, augmented, 360-degree view of an entity by subscribing to the Golden ID.

Guaranteed Master Data Delivery Across the Enterprise

Centralized orchestration, visibility, and management of master data integration with all relevant systems across the enterprise maximize the value of master data.

Agile Self-service Access to Master Data

Self-service wizards make distributed teams more productive by enabling them to add new systems and modify connections quickly without requiring an integration developer.

Unify Master Data Across On-premises, Cloud, and Big Data Systems

Seamlessly leverage all your master data, no matter where the source data resides or which consuming applications and analytics systems are running.

Greater Governance of Master Data

Improve data governance and compliance with master data visualizations in the Hub Overview that monitor and track the hub's centrally organized data integrations.

Learn More

To learn more about the Informatica Data Integration Hub for Master Data Management, please visit https://www.informatica.com/products/data-integration/integration-hub/data-integration-hub.html

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