

Master Data Management Implementation

Informatica Professional Services

Duration: Dependent upon project scope

IPS Staff Level: Technical Engagement Manager, Architect, Lead, Developer

Problem:

An MDM solution is typically implemented as part of a data governance solution and facilitates the management of master data elements like customer data, product data, or supplier/vendor data. Some MDM solutions are specific to one master data type—customer data, for example—while others are generic and can be customized to manage any kind of master data. While traditional MDM software applications on the market give master data a home base for command and control, organizations must still cleanse and integrate their master data with their various business systems and the MDM application, and vice versa.

This is where Informatica can help. Informatica provides the enterprise data integration and data quality foundation that enables the MDM application to integrate **trusted data** with existing business systems, delivering maximum value from a company's MDM application and its master data.

Informatica provides a single enterprise data integration platform to help organizations access, transform, and integrate master data from a large variety of systems and deliver that information to their MDM applications. The Informatica enterprise data integration platform offers the key capabilities that businesses need to access, integrate, migrate, and consolidate master data, which reduces complexity, ensures consistency, and empowers the business.

Solution:

Once you have an MDM strategy in place, you can move forward with implementing a Master Data Management solution. Master Data Management solutions can vary in implementation type from custom MDM data stores, such as Data Hubs or Data Warehouses, to purpose-built off-the-shelf MDM applications. In all implementation types, data must be fed from multiple systems of record into the underlying master data model, typically in real time. While the data is being fed to the master data model, it must also be transformed to account for data semantics and cleansed to account for data entry errors and gaps. Once the data is reconciled and stored in the master data model, it should be profiled and scorecarded to ensure that the MDM application maintains the highest level of data quality on an ongoing basis. Lastly, master data will then be synchronized with various applications that require the data.

Working with your IT and business management, Informatica's consultants have the knowledge and experience to guide you through the entire lifecycle of your MDM project, leveraging careful planning and methods based on best practices that promote successful implementations. Our approach is based on Informatica Velocity— a documented framework for MDM projects resulting from the cumulative experience of the Informatica Professional Services organization.

Value:

- Utilization of experienced Informatica consultants to guide and deliver a successful MDM solution
- Reduced development time implementing proven solutions
- Experience- and best practice methods-based project execution
- Project definition provides clear roadmap and realistic estimates up-front
- Knowledge transfer throughout to enable development of internal experts
- Optimal implementation methods and functionality

Deliverables:

- Project definition and assessment from Informatica resource
- Baseline architecture deployment
- Informatica Velocity ANALYSIS phase
 - Understand the number of “provider” and “consumer” systems for the MDM application
 - Profile all inbound data to understand the differences in data semantics and possible data quality issues.
- Informatica Velocity DESIGN phase
 - Develop high level MDM Data Flow design (HLD)
 - Develop low level MDM integration and cleansing processes technical design (LLD)
- Informatica Velocity BUILD phase
 - Develop unit data integration and cleansing services according to Velocity best practices
- Informatica Velocity TEST phase
 - Unit and system testing
 - User acceptance testing
- Informatica Velocity DEPLOY phase
 - Comprehensive system and data validation
 - Deployment into production
 - Tuning of deployed Informatica objects to meet customer performance requirements

Drawing on our proven, 13-year track record of innovation and leadership, Informatica has defined the standard for data integration that has delivered competitive advantage and operational excellence to leading Global 1000 companies and government organizations.

For more information, contact Informatica Professional Services at ips@informatica.com



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