

# Composite Services Framework

Take advantage of a fully integrated MDM system efficiently functioning at enterprise level – within shortest time and with minimal effort.

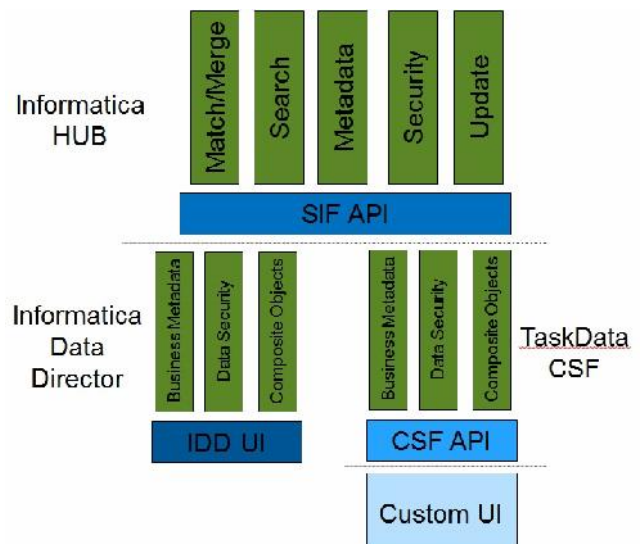
## ■ Informatica MDM Integration

Online integration of MDM may be hindered by differences in data models between MDM and legacy applications. Informatica SIF APIs that provide access to the Informatica Hub's data model operate with base objects rather than business entities and may not always produce correct data results suitable for the

needs of client applications such as Informatica Data Director. TaskData is offering a quick and easy way to achieve true online integration between MDM and a legacy application through a framework that introduces new capabilities in addition to the SIF APIs and has a universal design suitable for any implementation.

## ■ Composite Services Framework

TaskData Composite Services Framework (CSF) is derived from the metadata model and MDM business metadata that define customer data schema and are required by external applications in order to properly treat data relationships. TaskData CSF provides additional metadata on top of the metadata provided by the Hub thus equipping the client application with extra tools to correctly understand more complicated and irregular relationships between and within complex objects (business entities). The framework design built around business metadata makes TaskData CSF model-independent which allows the system to easily adjust to changes of the data model or serve multiple data schemas simultaneously without the source code modification.



## ■ CSF Implementation

CSF implementation does not involve code generation but supplies the source code with business metadata and metadata driven APIs. The metadata is defined in a simple XML

configuration file that can be created automatically from Informatica Data Director configuration file. CSF is deployed as a WAR file configured by metadata model (XML file).

## ■ Key Capabilities and Benefits

- Represents a complete collection of APIs incorporating MDM SIF capabilities
- Metadata driven, designed to be suitable for any implementation
- Provides convenient tools for various customizations
- Requires no source code change
- Supports composite updates
- Facilitates MDM systems integration at enterprise level
- Easily adjustable to database schema changes
- Low maintenance cost due to use of the same JAR file for multiple schemas
- Able to operate with composite structures (business entities) defining composite objects over base objects via a simple configuration file
- Manages relationships between objects within composite structure transparently for API users
- Allows users to abstract from relationships between objects and focus on complex business logic
- Easily implemented and maintained
- Compliant with Informatica IDD i18n bundles
- Compliant with Informatica security models and data masking rules
- Composite services can be consumed via Web Service calls.
- WSDL for composite services can be generated automatically and driven by metadata
- Boundaries of J2EE transactions are defined via declarative configuration options

For further information about TaskData Composite Services Framework and other services and solutions provided by TaskData, please visit [www.taskdata.com](http://www.taskdata.com).

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### About TaskData

TaskData owns rich expertise in delivering best-in-class MDM and Big data services across multiple domains. We fuse innovative ideas and market leading technologies with best practices and solid knowledge base to produce complete and powerful MDM solutions that open new ways to dramatic improvements in business. Implementing MDM and Big data projects for customers in North America and Europe, TaskData has developed effective practices of deploying and integrating complex enterprise data processing systems. Along with a wide range of MDM services, TaskData provides exclusive help in customizing Informatica MDM to unique business needs based on TaskData's own library of UI components and extensions. TaskData possesses all necessary resources to resolve most information issues of an enterprise whenever they become a barrier to success.

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