

TIBCO Omni-Gen MDM

A unified platform for integrating, cleansing, and mastering information

Benefits

- Deliver fast time to value of MDM
- Cut implementation times by up to 66 percent
- Simplify multi-domain MDM
- Improve business and IT collaboration

As the volume of siloed systems feeding decisions in today's modern enterprise increases, businesses are requiring more cohesiveness from their enterprise data infrastructure. TIBCO Omni-Gen MDM software is a single platform that allows you to more efficiently integrate and harmonize your various sources of enterprise data. With inherent data quality and multi-domain master data management capability, the Omni-Gen MDM solution enables your business stakeholders to make faster, smarter decisions by rapidly producing a trusted and governed set of enterprise data.

The software includes all the features and benefits of the TIBCO Omni-Gen DQ Edition, while adding capabilities that enable you to master all the essential entities for your business. You can reliably supply a variety of consuming applications with consistent high-quality data — in a fraction of the time that required by a hodge-podge of disparate competing products. The benefits are huge: Omni-Gen MDM software can slash project times from 18 months to 6 or less, ensuring your investment quickly delivers business value.

Use a unique top-down methodology

Instead of starting with a broad survey of existing available data, a bottom-up approach, business and technical staff collaborate to focus on the data requirements of consuming applications. Starting with the end goal, they work together to refine, prioritize, and deliver the models required to rapidly deliver downstream value in a series of agile, iterative steps using Omni Designer. They then easily map models to sources and define required data quality, match/merge, and remediation rules.

The short cycle times keep business users engaged throughout the process and consistently deliver value at each step. As new requirements evolve, the implementation is easily updated from the model, with TIBCO Omni-Gen MDM software automatically generating many of the required processes and interfaces according to best practices associated with multi-domain MDM implementations. This methodology — managed end-to-end by the software — ensures a faster result without compromising quality or effectiveness.

Simplify deployment and operations

Deployment is a snap in the Omni Console, whether you're implementing an extension of the pre-packaged model, rules, and governance perspectives that come included for the Customer domain, or packaging your own content built with business user input in Omni Designer.

Once your content is deployed, interfaces are automatically generated for rapid data integration, and an array of monitoring and management functions enable operations users to easily control the system, remediation services, and process synchronization within the Omni Console. This console provides complete, end-to-end monitoring of data loaded and mastered in your Omni-Gen MDM implementation.

Help business users govern their data

While many data-related issues can be automatically handled by the processing engine, the Omni Governance Console is the primary interface for data stewardship when human interaction is required. It includes the following components:

- **360 Viewer** provides a complete, historical, browser-based view of all golden records mastered across functional domains. Authorized users can easily locate golden records of interest for all mastered domains, and optionally compare them with their corresponding source instance records, with easy visual queues for issues that may require attention.
- **Remediation Portal** assists the data steward in enforcing data governance policies with end-to-end support for discovery and cleansing of corrupt, invalid, or incomplete data — as well as linking, unlinking, and removal of instance records associated with a particular golden record group. Business users can configure customizable workflows and alerts that identify when data quality issues require intervention.

The screenshot displays the 360 Viewer interface for a CustomerMaster entity. It is divided into three main sections: Golden Record, Instance Records, and Instance Details.

Golden Record	Instance Records	Instance Details																														
<p>Golden Record Properties</p> <p>ID: CustomerMaster:1003 Master Status: A Omni Created Date: 05/18/2020</p> <p>General Expand all</p> <table border="1"> <tr><td>Master Id</td><td>1003</td></tr> <tr><td>Master Status</td><td>A</td></tr> <tr><td>Master Status Code</td><td></td></tr> <tr><td>Master Status Code Description</td><td></td></tr> <tr><td>Master Status Code Id</td><td></td></tr> <tr><td>Master Status Reason</td><td></td></tr> <tr><td>Omni Created Date</td><td>05/18/2020</td></tr> <tr><td>Omni Modified Date</td><td>08/10/2020</td></tr> <tr><td>Activestatus</td><td>Y</td></tr> <tr><td>Companyname</td><td>Modernid Binder Ltd.</td></tr> <tr><td>Credrating</td><td>LM</td></tr> <tr><td>Credrating Description</td><td>LM</td></tr> <tr><td>Credrating Id</td><td>SourceCode:OMNI:credit_rating:LM</td></tr> <tr><td>Dateofbirth</td><td>05/27/1870</td></tr> <tr><td>Dobname</td><td></td></tr> </table>	Master Id	1003	Master Status	A	Master Status Code		Master Status Code Description		Master Status Code Id		Master Status Reason		Omni Created Date	05/18/2020	Omni Modified Date	08/10/2020	Activestatus	Y	Companyname	Modernid Binder Ltd.	Credrating	LM	Credrating Description	LM	Credrating Id	SourceCode:OMNI:credit_rating:LM	Dateofbirth	05/27/1870	Dobname		<p>1</p> <p>ID: Customer:CRM:XT-171-673-676-Z Master Id: 1003 Match Rule: Match Quality Detail: Match Quality Score: Match Processing Timestamp:</p>	<p>2</p> <p>ID: Customer:Sales-4972678074Y Master Id: 1003 Match Rule: 03_POTENTIAL_MATCH Match Quality Detail: Match Quality Score: 185.0 Match Processing Timestamp:</p>
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Omni-Gen MDM editions include the 360 Viewer that lets users search and view mastered information, historical instances across dimensions, and business domains.

Benefits and features

Get a complete business view of transactional and mastered data

While primarily focused on essential mastered entities, TIBCO Omni-Gen MDM software is also used to integrate, harmonize, and persist transactional data, relating it directly to mastered data, all within the same repository. For example, it can show clinical documentation for patients, display on-time delivery metrics for suppliers, and disclose whether or not customers are purchasing according to contracts. The resulting repository of mastered and transactional subjects in the Omni-Gen MDM system can be used on its own, or in conjunction with data virtualization techniques, to produce trusted and governed 360-degree views of key mastered entities for business stakeholders.

Shorten time to value, improve ROI with model-driven development

Whether jump-starting your implementation with the pre-configured Customer model, or packaging your own extension of the models through collaboration of business and technical users, Omni-Gen MDM software's ability to automatically generate and update significant portions of the solution can help you substantially reduce project timelines and dramatically increase the value of your enterprise data.

Easily identify and audit record-data origination and remediated data

The Omni-Gen MDM system implements role-based security throughout all of its components, which ensures that the right resources have access to the data that's appropriate for their job function. It allows authorized users to compare data as it was received from the source, as it exists post-cleansing through the engine, and how it contributed to the master, while recording programmatic and manual changes made to the data in the 360-degree view. This ensures complete auditability for every aspect of the enterprise data residing in the solution.

Enhance information from any source

With the included TIBCO iWay Service Manager and TIBCO Data Migrator software, as well as its own published APIs, the Omni-Gen MDM solution provides seamless integration with data from any source, and the ability to interact with systems and data structures at the appropriate latency, both transactionally and in bulk. As part of the design process, implementers can use rich data profiling capabilities to easily detect anomalies and identify opportunities to further refine existing data quality, match/merge, and remediation rules, as new data is integrated into the platform.

Deploy quickly, any way you'd like

With TIBCO Omni-Gen MDM software, you can take advantage of all the benefits of our managed cloud offering, or manage your own implementation (in a private cloud or on-premises). The solution has flexible deployment and pricing options that ensure the right scale and investment for your needs, whether you're rapidly looking to consolidate thousands or millions of records.

Request a demo

See [TIBCO Omni-Gen Master Data Management software](#) in action and imagine what you will build.



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TIBCO Software Inc. unlocks the potential of real-time data for making faster, smarter decisions. Our Connected Intelligence platform seamlessly connects any application or data source; intelligently unifies data for greater access, trust, and control; and confidently predicts outcomes in real time and at scale. Learn how solutions to our customers' most critical business challenges are made possible by TIBCO at www.tibco.com.
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