ibi™ Omni-Gen®

Release Notes

Version 4.3 | March 2023

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Chapter **1**

About This Product

ibi™ Omni-Gen® is a highly scalable data integration framework that streamlines the acquisition, harmonization, management, and governance of enterprise data and makes it available to a wide range of consuming applications. It leverages modern data integration, data quality, master data management, and application integration technology in a single interoperable architecture to deliver highly valued, dependable information utilizing best practice deployment.

In this chapter:

❏ ibi™ Omni-Gen® MDM

❏ ibi™ Omni-HealthData®

❏ ibi™ Omni-Insurance™

ibi™ Omni-Gen® MDM

ibi™ Omni-Gen® MDM enables you to master all the essential entities for your business. With its inherent data quality and multi-domain master data management capability, ibi™ Omni-Gen® MDM provides a single platform that allows you to efficiently integrate and harmonize your various sources of enterprise data, enabling business stakeholders to make faster, smarter decisions by rapidly producing a trusted and governed set of enterprise data.

ibi™ Omni-HealthData®

ibi™ Omni-HealthData® is a comprehensive data management and analytics solution engineered explicitly for the needs of the healthcare industry. The Omni-HealthData® platform brings together the best technology offerings to allow healthcare providers and payer organizations to acquire, manage, and analyze their information more effectively with optimized business intelligence, analytics, data integration, data quality, and master data management tools. It integrates operational, financial, and clinical data from a wide range of diverse data sources, and prepares that data to be used more conveniently, efficiently, and effectively for decision support, analytics, and downstream integration. It is a single, integrated, high-performance solution for healthcare data consumption, management, and analytics.

ibi™ Omni-Insurance™

ibi™ Omni-Insurance™ is an information management application providing pre-built integration and business intelligence for the Property and Casualty(US) or General insurance industry spanning Actuarial, Underwriting, Claims, Production and Finance. Omni-Insurance™ is designed to provide a single view of the business for executives, managers, analysts seeking a controlled process for decision-making, with analytics and reporting, executive dashboards, visualizations and self service data exploration.

New Features

This section describes new features for ibi™ Omni-Gen® MDM, ibi™ Omni-HealthData®, and ibi™ Omni-Insurance™ in Release 4.3.

In this chapter:

❏ New Features

New Features

The following are the new features in Release 4.3.

Updated Installation to Resolve commons-text (Text4Shell) Vulnerabilities

The installers for ibi™ Omni-Gen® MDM, ibi™ Omni-HealthData®, and ibi™ Omni-Insurance™ have been fully updated to include the latest Apache commons-text release 1.10.0. This resolves the Text4Shell vulnerability that has been widely reported. Case details are summarized and can be reviewed in the following ticket:

❏ *https://jira.tibco.com/browse/OG-8678*

Improved Resiliency

After a database outage, ibi™ Omni-Gen® MDM, ibi™ Omni-HealthData®, and ibi™ Omni-Insurance™ automatically reconnect and resume processing without manual intervention. Case details are summarized and can be reviewed in the following ticket:

❏ *https://jira.tibco.com/browse/OG-8717*

Master and Instance Record Counts

The number of master and instance records for each Subject is now available on the Deployment screen in the Omni Console. This can help with debugging and determining license compliance. Case details are summarized and can be reviewed in the following ticket:

❏ *https://jira.tibco.com/browse/OG-8676*

ibi™ Rebranding

As of Release 4.3, Omni-Gen software has been rebranded from TIBCO® Software Inc. to ibi™. All user interfaces have been updated to reflect this branding change.

Updated Installation to Resolve Log4j (Log4Shell) Java Vulnerabilities

The installers for ibi™ Omni-Gen® MDM, ibi™ Omni-HealthData®, and ibi™ Omni-Insurance™ have been fully updated to include the latest Apache Log4j Release 2.16.0. This patch resolves the Log4j (Log4Shell) Java vulnerabilities that have been widely reported. Case details are summarized and can be reviewed in the following tickets:

- ❏ *https://jira.tibco.com/browse/OG-8535*

- ❏ *https://supportapps.tibco.com/id/02070916*

Containerization Support

In keeping with the strategic goal to deploy quickly anywhere you want, ibi™ Omni-Gen® now has additional support for containerized deployment options. All of the software components can now be packaged in a container image, along with required OS components and libraries, to allow them to be more easily deployed and run in any cloud environment.

For more information, see the *ibi™ Omni-Gen® Containerization Deployment Guide.*

Out-of-the-Box Content Included

In past releases, Omni-Gen® MDM came as a "blank slate", allowing the user to model their business as they saw fit. However, it was observed that many customers were creating similar content to model many of the Subjects that were included with Omni-Gen for Customer. With the success of Omni-Gen for Customer in jump-starting many implementations, it was decided to make that business content available as a reference implementation to all Omni-Gen® MDM customers.

Chapter **3**

Closed Issues

This chapter lists fixes in ibi™ Omni-Gen® MDM, ibi™ Omni-HealthData®, and ibi™ Omni-Insurance™ Release 4.3.

In this chapter:

❏ Closed Issues

Closed Issues

The following table lists all issues fixed in Release 4.3.

Support Case Number	Summary
02154256	Customer Groupings - Lost data after bundle update.
02153317	OS_RAMP_CONTROL "data_transfer_mode"="JPA" does not override setting specified in console.
02130082	OmniConsole | LogViewer UI is retrieving DQ logs from wrong location.
02099263	INACTIVE master and ACTIVE instance.
02096523 02112608	Omni Governance Console (OGC) - Rendering and searching records on 360 Viewer is taking a long time.
02112909	Any context deployed for Omni-Gen via Application Server, must be allowed access for authorized and authenticated users.
02071401	The latest project bundle is deleted instead of the selected project bundle.
02076792	OMNI work orders processing extremely slowly.
02033806 02079065	PASSTHROUGH error in DQ Cleansing service.

Support Case Number	Summary
02016462	Omni Governance Console (OGC)	360 Viewer slow response - PostgreSQL.
02066070	Work order filter status equals BLOCKED.
02070916	Installer fully updated to include the latest Apache Log4j Release 2.16.0.
02056492	Unable to submit new document.
02053483	Work order with result IGNORE in the type INSTANCE_PHASE is blocking new work orders.
02044578	Start of Controller leaves session idle in Transaction which prevents database maintenance.
02034443	Custom branding in the Omni-Gen Console is not working.
02030275	Only show users with access to subject/domain in assignment dialog.

Chapter **4**

Upgrade Notes

This section describes changes in behavior in this release.

In this chapter:

❏   Cloud

Cloud

The following is an upgrade consideration for Cloud instances:

❏ On your first log in to the Cloud environment or after upgrading to the latest version, you are prompted to read and accept the End User License Agreement, before you can proceed with the product.

Chapter **5**

Known Issues

The following issues exist in this release of ibi™ Omni-Gen®.

In this chapter:

❏   Known Issues

Known Issues

The following issues exist in ibi™ Omni-Gen® MDM, ibi™ Omni-HealthData®, and ibi™ Omni-Insurance™.

Summary: If you are using non-standard port numbers, after installation the user IDs and roles for the Omni-Gen Console are not always loaded into WSO2.

Workaround:

1. Ensure WSO2 is running.

2. Run the `omni wso2-load-entities` command to load the release 3.16 security roles for the Omni-Gen Console.

3. Restart Omni-Gen.

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