

iWay

Omni-Insurance Release Guide

Version 3.12

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Omni-Insurance Version 3.12

This document provides release information for Omni-Insurance Version 3.12.

It is intended for all levels of users, including system integrators and administrators.

In this chapter:

- ☐ [About Omni-Insurance Version 3.12](#)
 - ☐ [New Features](#)
 - ☐ [Installation Notes](#)
 - ☐ [Known Issues](#)
 - ☐ [Related Technical Content](#)
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About Omni-Insurance Version 3.12

Omni-Insurance is a data integration and mastering platform that changes the approach to data management. By providing a unified environment for developers and business users to collaborate quickly and easily, from integration through unification plans, organizations build a foundation that powers better decisions.

Omni-Insurance enables rapid, model-driven implementation of master data management (MDM), data cleansing, and data integration projects in a secure, scalable platform. It supports a top-down design process, encourages best practices, automates the implementation of many features, and decreases both risk and time to value.

Information Builders is excited to introduce Omni-Insurance version 3.12, the most flexible and performant version of its comprehensive insurance data management platform to date.

New Features

The main focus of Omni-Insurance version 3.12 is to upgrade the underlying core engine to improve operational monitoring, processing flexibility, and throughput, while laying the foundation for more regular delivery of Omni-Insurance Business Content.

The Business Content improvements in this release include an expansion of the Insurance-specific model, in accordance with industry standards, to provide additional operational detail, while also incorporating an update of the pre-packaged BI and Analytics content of Omni-Insurance to take advantage of the latest and greatest features of WebFOCUS Release 8207, modernizing the overall authoring experience and the usability of your applications. These pre-packaged components can be used to jump start your applications, allowing you to immediately visualize your data upon processing through the platform, accelerating the overall time to value on your projects.

These new features are categorized below.

Business Content

- ❑ **Separate Business Content packaging.** The packaging of Insurance-specific Business Content updates has been separated from the release schedule of the underlying core engine so that we can provide more regular business functionality updates, independent of updates to the core engine.
- ❑ **Omni-Insurance Business Content v18.0.** The latest version of Omni-Insurance Business Content has been updated to include the following:
 - ❑ **Deployment Bundle.** Model expanded to include 50+ Subjects with over 15,000 attributes, based on ACORD/OMG standards and integration experience with commercial and proprietary operational systems, such as Duck Creek Policy, Guidewire ClaimCenter, Salesforce, and others.
 - ❑ **Consumption Views.** Over 120 tables and views that provide a data access layer, de-normalizing and further indexing the data loaded into the platform, so that it is more easily consumed for use in downstream applications, such as BI and analytics.
 - ❑ **Metrics Views.** A growing list of more than 20 Metrics Views that can be configured for your implementation to further calculate and aggregate the Consumption Views, providing hundreds of measures across more than a dozen dimensions to facilitate consumption of your enterprise data.
 - ❑ **WebFOCUS Content.** Over 60 out-of-the-box WebFOCUS visualizations, pre-configured for use with the Consumption and Metrics Views and organized into sample portal pages to quickly analyze your data and jump-start your applications.

For more specific details, see the *Omni Insurance Business Content Release Guide* and the *Omni-Insurance Business Content Upgrade Guide*.

Core Engine Enhancements

- ❑ **Additional Bundle Deployment Options.** In addition to the Update Bundle functionality in prior releases, the following options have been added:
 - ❑ **Update Data Model.** This option enables you to upgrade the model without affecting the already deployed Data Quality Plans, making it easier to implement data model changes provided in subsequent releases of Omni-Insurance.
 - ❑ **Update Data Quality Plans.** This option enables you to upgrade the Data Quality plans without affecting the already deployed Data Model, making it easier to deploy incremental customer-specific Data Quality plan changes.

For more details, see the *Omni Console User's Guide*, or *Omni Console Help*.

- ❑ **New Deployment History option.** This new option allows you to see prior Deployment History at a glance, with several new features available per Deployment.
 - ❑ **Current Deployment.** This option allows you to download the currently Deployed Data Model and Data Quality Plans as a Deployment Bundle for ease of propagation to other environments.
 - ❑ **Deployment Bundle.** This option allows you to download the Bundle that was used to affect a specific Update Bundle, Update Data Model, or Update Data Quality Plans operation.

For more details, see the *Omni Console User's Guide*, or *Omni Console Help*.

- ❑ **New Data Quality Pre-checks.** This new feature helps protect the integrator from introducing downstream processing failures through simple data integration validations, such as:
 - ❑ Trimming leading and trailing characters <= 0x20 from data elements that participate in the construction of <subject>_id columns.
 - ❑ Replacing “.” or embedded whitespace characters in data elements that participate in the construction of <subject>_id columns.
 - ❑ In addition to the existing null check, ensuring that the batch_id on os_ramp_control is not an empty string.
- ❑ **New Data Purge.** During the course of on-going incremental processing, instances, masters, and their children can be marked for *soft-delete* from the system. This feature allows you to schedule the automatic physical deletion of stale *soft-deleted* records from the system on a configurable interval.

For more details, see the *Purging Inactive Data* topic in the *Omni-Insurance Operation and Management User's Guide*.

- ❑ **New Blocked Work Order Status.** The console now provides more information explaining why a work order that is ready to process may be blocked from execution, making it is easier to troubleshoot.
- ❑ **New Reset Environment option.** This new drop-down option on the Deployment screen, allows you to obtain a clean slate on the development or QA environment at the click of a button.
- ❑ **Model AND System Tables.** Truncates all application tables, allowing you to *start fresh* in a Development or Test environment, as if you had just deployed the bundle for the first time.
- ❑ **Model Tables.** This option truncates all model-related tables, and leaves system tables intact.

For more details, see the *Omni Console User's Guide*, or *Omni Console Help*.

- ❑ **New Reset Subject option.** Mirroring the functionality of the Model Tables option of Reset Environment, the Reset Subject button on the Deployment screen provides more granular control to reset a single subject at the click of a button, purging ramp, source, instance, history, and master tables, as appropriate just for the selected subject.

For more details, see the *Omni Console User's Guide*, or *Omni Console Help*.

- ❑ **New Subject Workflow Management.** This fine-grained processing control option on the Deployment screen allows you to suspend certain work order items, such as Match, Merge, Remediation, CDC publishing, or History while iterating during early development phases. It additionally it allows you to choose whether mastering occurs sequentially or in parallel, as further outlined below in *Performance and Throughput*.

For more details, see the *Omni Console User's Guide*, or *Omni Console Help*.

- ❑ **New Dispatcher and Debug Toggles for Work Orders.** This allows you to Pause the dispatcher to temporarily suspend processing or enable single-step debug processing to occur. During Debug processing, the system pauses after each Work Order Item in Development or Test to identify any data-related processing anomalies that may occur.

For more details, see the *Omni Console User's Guide*, or *Omni Console Help*.

- ❑ **Expanded Omni-Gen Services.** Omni-Insurance is designed with a micro-services approach and enables many of its functions to be accessible through APIs. This enables other applications to seamlessly integrate with Omni-Insurance provided services using the industry standard approach.

For more information, see the *Omni-Insurance API Services Reference Guide*.

- ❑ **Section 508 Accessibility Improvements.** Upgraded underlying third-party software components, in supporting of Section 508 Accessibility improvements in the Omni-Insurance Governance Console.
- ❑ **Expanded On-Ramp Processing Options.** In order to meet tighter processing windows for very large volumes of data, several new processing options have been added that optimize the configuration of `os_ramp_control`.
 - ❑ **`batch_type = INSERT_ONLY`.** Omni processing is optimized to skip internal Change Data Capture processes to facilitate large initial loads, assuming direct inserts.
 - ❑ **`data_transfer_mode = NATIVE_SQL`.** A performance optimization that shifts internal processing to the DB Server for significantly large batches.

Note: SQLServer and PostgreSQL are the only DBMS's currently supported by Version 3.12.

- ❑ **`change_detection = IGNORE`.** Standard work order processing is performance optimized to skip steps of the Work Order when the parent and child instancerecords have not been changed.

This option forces the Omni Server to bypass this optimization, and is generally used as a recovery step in the event that an error occurs during processing of a given batch.

It ensures that all instances in the ramp batch propagate to instance and quality operations, even if they have not changed.

Important: See the *Omni-Insurance Integration Services User's Guide* for key updates on using the new `os_ramp_control` options, while converting from the older, deprecated `os_ramp_control` options.

- ❑ **New Parallel Processing Option for Non-Mastered Subjects.** In Version 3.8, the Omni-Insurance dispatcher service was gated at processing no more than one Work Order per Subject at a time. This was essential for Mastered Subject workflows, and was similarly adopted for non-Mastered Subjects.

Version 3.12 introduces the ability to process the same Subject from several different sources in parallel by working in concert with partitioning schemes on your DBMS. This feature significantly reduces cycle time for customers with multiple sources by distributing the load for larger transactional subjects.

For more information on setting up parallel processing options, see the *Omni-Insurance Operation and Management User's Guide*.

- ❑ **New Parallel Processing Option for Mastered Subjects.** By decoupling Mastering processes from Ramp to Instance processing, and allowing you to make a minor configuration setting to execute groups of mastered instances in parallel, overall processing time can be further reduced. Instead of one call to the matching engine for each Work Order, you can now execute the Mastered Instances from multiple sources in parallel, and make a single call to the Matching engine when all are complete.

For more information on setting up parallel processing options, see the *Omni-Insurance Operation and Management User's Guide*.

- ❑ **Server population of the hashkeys.** Since numeric keys are required for some database technologies that can host the Consumption Views, Omni-Insurance currently relies on a database function to generate a hash key for every Subject and Child in the model. To improve the overall efficiency of this operation, the Omni-Insurance core engine will now inherently create the *_id_hk that will be used by Consumption Views in a consistent manner for each implementation. When fully implemented, this new feature will improve the day-to-day processing time of the Consumption Views (particularly for larger implementations), and reduce the overall complexity of installation.

Important: During bundle deployment of Version 3.12, a one-time script will execute to update all of the _hsh columns throughout the implementation.

- ❑ Other Minor Bug fixes that improve performance and user experience.

Installation Notes

For more information on upgrading or installing a new Omni-Insurance 3.12, see the *Omni-Insurance Installer User's Guide*.

Known Issues

The following are Omni-Insurance known issues:

- ❑ The *NATIVE SQL* core engine processing option is only supported on Microsoft SQL Server and PostgreSQL.
- ❑ Omni-Insurance consumption and metrics views are currently supported on Microsoft SQL Server only. PostgreSQL is expected in a subsequent Business Content release.

Related Technical Content

You can learn more about Omni-Insurance version 3.12, and view the latest technical content from the [iWay and Omni Information Center](#).

- ❏ *Omni-Insurance Installer User's Guide*
- ❏ *Omni-Insurance Business Content User's Guide*
- ❏ *Omni-Insurance Omni Console User's Guide*
- ❏ *Omni-Insurance Integration Services User's Guide*
- ❏ *Omni-Insurance Operation and Management User's Guide*
- ❏ *Omni-Insurance Omni Governance Console User's Guide*
- ❏ *Omni-Insurance API Services Reference Guide*

Resolved Cases

The following appendix lists the features and InfoResponseLive cases (IRNs) that were resolved in Omni-Insurance version 3.12.

In this appendix:

- ❑ [Resolved Cases for Version 3.12](#)
- ❑ [Customer Support](#)

Resolved Cases for Version 3.12

The following table lists the cases that were resolved in the initial release of Version 3.12.

IRN Number	Summary
	None to report.

Customer Support

Do you have questions about Omni-Insurance?

Join the Focal Point community. Focal Point is our online developer center and more than a message board. It is an interactive network of more than 3,000 developers from almost every profession and industry, collaborating on solutions and sharing tips and techniques, <http://forums.informationbuilders.com/eve/forums>.

You can also access support services electronically, 24 hours a day, with InfoResponse Online. InfoResponse Online is accessible through <https://techsupport.informationbuilders.com>. You can connect to the tracking system and known-problem database at the Information Builders support center. Registered users can open, update, and view the status of cases in the tracking system and read descriptions of reported software issues. New users can register immediately for this service. The technical support section also provides usage techniques, diagnostic tips, and answers to frequently asked questions.

Call Information Builders Customer Support Services (CSS) at (800) 736-6130 or (212) 736-6130. Customer Support Consultants are available Monday through Friday between 8:00A.M. and 8:00P.M. EST to address all your questions. Information Builders consultants can also give you general guidance regarding product capabilities and documentation. Be prepared to provide your six-digit site code (xxxx.xx) when you call.



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