

Oracle® Insurance Calculation Engine

Release Notes

Version 10.1.1.0

Document Part Number: E57245-01

September, 2014

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Table of Contents

ORACLE INSURANCE CALCULATION ENGINE.....	ERROR! BOOKMARK NOT DEFINED.
CUSTOMER SUPPORT.....	4
ORACLE INSURANCE CALCULATION ENGINE	5
<i>Group Insurance Support</i>	5
TECHNOLOGY-SPECIFIC ENHANCEMENTS	8
SUPPORTED TECHNOLOGY	8
<i>Application Servers</i>	8
<i>Databases</i>	8
<i>Operating Systems</i>	8
<i>Java</i>	9
<i>Browser</i>	9

Oracle Insurance Calculation Engine

Oracle Insurance Calculation Engine (OICE) is a next-generation, flexible, rules-based insurance solution for life and annuities that supports policy processing across multiple lines of business. OICE greatly enhances ease of use and speed for business analysts, actuaries and others involved in the product configuration process. Robust navigation also makes it easy for users, including CSRs, to locate policy information and drill down into a granular level of customer detail. This allows insurers to respond more rapidly to customer inquiries, reduce call times and improve customer service.

These release notes contain the enhancements that were made to Oracle Insurance Calculation Engine GA release 10.1.0.0, 2014.

Customer Support

If you have any questions about the installation or use of our products, please visit the My Oracle Support website: <https://support.oracle.com>, or call (800) 223-1711.

Oracle customers have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

Oracle Insurance Calculation Engine

This section describes configuration, features and technology specific enhancements for GA release 10.1.0.0.

Group Insurance Support & Other Enhancements

OICE is now able to support both group and individual insurance products under a single framework. The major areas of the new group functionality are highlighted below.

Group Billing Functionality

- Support for Group Billing functionality has been implemented. This feature involves the implementation of new Business Rules and Functions to support the following:
 - Creation of a Group Bill - group multiple policy bills for a customer and generate bill.
 - Billing Reconciliation, reconcile the amount received to the amount billed.
 - Data Intake enhancements to store, read and process incoming payment information

Suspense

- Batch Suspense/Master Suspense
 - This feature introduces the ability to split a single 'parent' suspense item among a dynamic number of 'child' suspense records..
 - Individual activities can be attached to the child suspense records.
 - Accounting records can be generated on the parent/master and child records
 - All the available entities can be viewed using the Suspense Search Screen via "search" functionality so that the user can identify all the child suspense records that are associated with the parent suspense record.
- Multi-Suspense
 - The enhanced Multi Suspense functionality allows users to specify amounts of money to be allotted to each suspense item.

Transactions

- Activity Array Population of Entities for Activity Processing
 - ActivityArrays can populate Allocations, MultiFields, Suspense, and MultiSuspense data when spawning a transaction that includes the associated detail.
 - ActivityArray provides an option to "APPEND" or "SETVALUE" in the Post Assignment Math to an existing ActivityArray created in the Activity Math.
 - The Suspense Number generated from the GenerateSuspense BR is available for access in the Post Assignment Math when a transaction uses the PostAssignemtnValidateExpressions (PAVE) BR.

- Reversal of activities that create Clients and Policies via CreateClient and CreatePolicy BRs.
 - Configuration can determine if Client or Policy records will be deleted or shadowed when the originating activity is reversed.
- Accessing Suspense Information in Actions Configuration
 - The suspense information entered/selected on the activity details screen of a transaction is available in screen math, actions, and transaction math. This will enable transactions to evaluate the suspense information, perform validations, and execute calculations with the details pertaining to the suspense information for the transaction

Security

- Security at Product Level
 - Security can be set up for Screen/Transaction/InquiryScreens, etc. that were created at the Product level. That security can be copied down to its Child Products and Plans to streamline the security setup process.
- Security for Main Menu Policy and Client New Buttons
 - This enhancement provides the ability to have a separate security setting to allow/restrict creation of 'New' Policy/Client/Group Customer records versus the ability to 'Save' an existing record.
- Security by InquiryScreen name
 - Authorization to view Inquiry Screens is granted per Inquiry Screen name. Shortcuts have been added to grant access to all Inquiry Screen (per Level) if the particular Security Group requires access to all applicable Inquiry Screen names.
 - OICE will only list the Inquiry Screens authorized for the SecurityGroup under the applicable Inquiry menu. If no access is given to any Inquiry Screen names, for the applicable level, the Inquiry button will not be visible on the screen.

Client/Group Customer

- Secondary Relationships Visibility on the Client/Customer Screen
 - This enhancement enables the display of relationship records where the current Client/Group Customer is identified as secondary client on the Relationship tab.
- Primary Relationship on Client and Customer
 - This enhancement provides the ability to restrict Primary Relationship types by Client Type.

Customer Agreements

- Ability to Delete Nodes from Agreement Tree
 - A right click menu option has been added to the Customer Screen Agreement Node to allow the deletion of an Agreement.

'Time Value' processing

- Enhancements to 'Time Value' process
- A new Activity level, 'Time Slice' has been introduced.
- Screen update activities that are used for 'Time Value' processing should use Transaction Type code (Type Code 40).
 - The activities are reversible/reversing but do not impact Group Customer/Client level activities and do not appear on the Group Customer/Client Activity screen.
- The 'time valued' record can be activated directly on the 'Time Value' grid (lightning bolt) or configured to automatically process upon the submission of the record.
- Plan and PlanSegment – 'Time Value' functionality has been added to Plan and PlanSegment.

Data Intake

- As noted under Time Value section, Data Intake has been enhanced to properly reflect 'Time Valued' relationship records.
- As noted under the Group Billing section, Data Intake functionality has been enhanced to store, read and process the incoming payment information. As well as, process the reconciliation and generate the required policy level activities to ensure the monies are adjusted to the policy.
- Data Intake Profile information refresh
 - This enhancement refreshes the Data Intake profile information in OICE for a Group Customer when the Data Intake profile configuration is updated in Rules Palette.

Plan Screen

- Ability to Override Plan Screen
 - This enhancement provides the ability to override Plan Fields (for a specific Plan) in a PlanScreen rule that was inherited from its parent Product.
 - The Fields pane in Rules Palette will show the inherited field and the overridden field.

Group Customer Plan Segment

- Static field can be defined and values entered for Group Customer 'Plan's' Segment (PlanSegmentName), in addition to the Segment Rule.

Display

- Configurable Justification of Money Fields Display
 - Money fields can be configured to display as right or left justified. If no configuration is present the field values display as right justified.

Business Rule Migration

- Migrate Business Rule Changes to the system without an Application Restart
 - A PAS.properties file setting will determine when the OICE system will clear cache. This is based on specific settings activated by release management when a package is successfully deployed

Technology-Specific Enhancements

Java was upgraded to JDK 1.7.x.

Supported Technology

The OICE 10.1.0.0 application supports the following technology components:

Application Servers

- WebSphere 8.5.5.0
- WebLogic 10.3.6.0

Databases

- Oracle 12c
- Microsoft SQL Server 2008 R2 SP2
- DB2 10.1 Fix Pack 2

Operating Systems

- 64-bit Oracle Enterprise Linux 5.8 for all application servers and databases
- 64-bit Windows Server 2008 R2 SP1 for Microsoft SQL Server 2008 R2 SP1
- 64-bit IBM AIX 7.1 for WebSphere and DB2

Java

- JDK: 1.7.x

Browser

- Internet Explorer 8