

**Oracle[®] Retail Invoice Matching
Operations Guide Addendum
Release 11.0.9
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Contents

- Preface..... v**
 - Audiencev
 - Related Documentsv
 - Customer Supportv
- 1 Introduction..... 1**
- 2 Batch Processes..... 3**
 - Complex Deal Upload Batch Design.....3
 - Overview3
 - Assumptions and Scheduling Notes.....3
 - Primary Tables Involved.....3
 - Fixed Deal Upload Batch Design.....4
 - Overview4
 - Assumptions and Scheduling Notes.....4
 - Primary Tables Involved.....4

Preface

Oracle Retail Operations Guides are designed so that you can view and understand the application's 'behind-the-scenes' processing, including such information as the following:

- Key system administration configuration settings
- Technical architecture
- Functional integration dataflow across the enterprise

This Operations Guide Addendum should be used in conjunction with previously released Oracle Retail Invoice Matching 11.x documentation

Audience

Anyone with an interest in developing a deeper understanding of the underlying processes and architecture supporting ReIM functionality will find valuable information in this guide. There are three audiences in general for whom this guide is written:

- Business analysts looking for information about processes and interfaces to validate the support for business scenarios within ReIM and other systems across the enterprise (within a merchandising system such as RMS, for example).
- System analysts and system operations personnel:
 - Who are looking for information about ReIM's processes internally or in relation to the systems across the enterprise.
 - Who operate ReIM regularly.
- Integrators and implementation staff with overall responsibility for implementing ReIM

Related Documents

You can find more information about this product in these resources:

- ReIM Release Notes
- ReIM Installation Guide
- Oracle Retail Merchandising System (RMS) product documentation
- Oracle Financials documentation

Customer Support

- <https://metalink.oracle.com>

When contacting Customer Support, please provide:

- Product version and program/module name.
- Functional and technical description of the problem (include business impact).
- Detailed step-by-step instructions to recreate.
- Exact error message received.
- Screen shots of each step you take.

Introduction

The information in this document reflects modifications and updates to the latest ReIM Operations Guide. Using this document in conjunction with that guide provides retailers with a complete overview of the application.

For more specific information regarding modifications made to this Oracle Retail Invoice Matching release, see the *Oracle Retail Invoice Matching 11.0.9 Release Notes*.

Batch Processes

Complex Deal Upload Batch Design

Overview

The Complex Deal Upload batch process reads data from header and detail complex deals staging tables in RMS.

When the complex deal upload batch program is run, all the records in the STAGE_COMPLEX_DEAL_HEAD and STAGE_COMPLEX_DEAL_DETAIL tables are uploaded to the IM_DOC_HEAD, IM_COMPLEX_DEAL_DETAIL, and IM_DOC_DETAIL_REASON_CODES tables respectively. The records are then deleted from the STAGE_COMPLEX_DEAL_HEAD and STAGE_COMPLEX_DEAL_DETAIL tables.

For each combination of deal ID and deal detail ID on the RMS staging tables, the batch process creates a credit memo, a debit memo or a credit note request, depending upon an indicator on the staging tables.

The data copied to the IM_COMPLEX_DEAL_DETAIL table is later referenced during the posting process for the created documents.

Assumptions and Scheduling Notes

The RMS staging header and detail must be purged nightly after the the upload has run.

Primary Tables Involved

Note: For descriptions of RMS tables, see the latest RMS data model.

- STAGE_COMPLEX_DEAL_HEAD (RMS table)
- STAGE_COMPLEX_DEAL_DETAIL (RMS table)
- IM_DOC_HEAD
This table holds general information for documents of all types. Documents include merchandise invoices, non-merchandise invoices, consignment invoices, credit notes, credit note requests, credit memos, and debit memos. Documents remain on this table for SYSTEM_OPTIONS.DOC_HISTORY_MONTHS after they are posted to the ledger.
- IM_DOC_DETAIL_REASON_CODES
This table contains quantity/unit cost adjustments for a given document/item/reason code.
- IM_DOC_VAT
This table associates the document with its value added tax (VAT) information.
- IM_COMPLEX_DEAL_DETAIL
This table holds the details of the complex deal stored in ReIM. It is used during complex deal detail posting.

Fixed Deal Upload Batch Design

Overview

The Fixed Deal Upload batch process reads data from header and detail fixed deals staging tables in RMS.

When the fixed deal upload batch program is run, all the records in the STAGE_FIXED_DEAL_HEAD and STAGE_FIXED_DEAL_DETAIL tables are uploaded to the IM_DOC_HEAD and IM_FIXED_DEAL_DETAIL tables. The records are then deleted from STAGE_FIXED_DEAL_HEAD and STAGE_FIXED_DEAL_DETAIL tables.

For each deal ID on the RMS staging tables, the batch process creates a credit memo, a debit memo or a credit note request, depending upon an indicator on the staging tables.

The data copied to the IM_FIXED_DEAL_DETAIL table is referenced during the posting process for the created documents.

Assumptions and Scheduling Notes

The RMS staging header and detail must be purged nightly after the upload has run.

Primary Tables Involved

Note: For descriptions of RMS tables, see the latest RMS data model.

- STAGE_FIXED_DEAL_HEAD (RMS table)
- STAGE_FIXED_DEAL_DETAIL (RMS table)
- IM_DOC_HEAD
This table holds general information for documents of all types. Documents include merchandise invoices, non-merchandise invoices, consignment invoices, credit notes, credit note requests, credit memos, and debit memos. Documents remain on this table for SYSTEM_OPTIONS.DOC_HISTORY_MONTHS after they are posted to the ledger.
- IM_DOC_NON_MERCH
This table holds various user-defined non-merchandise costs associated with an invoice. Non merchandise costs can be associated with merchandise invoice if the IM_SUPPLIER_OPTIONS.MIX_MERCH_NON_MERCH_IND for the vendor is 'Y'. If the MIX_MERCH_NON_MERCH_IND for the vendor is 'N', non merchandise expenses can only be on non merchandise invoice documents.
- IM_DOC_VAT
This table associates the document with its value added tax (VAT) information.
- IM_FIXED_DEAL_DETAIL
This table holds the details of the fixed deals in the ReIM system. It will be used during fixed deal detail posting.