



★ **Release 12 Oracle Purchasing API and Open Interface Changes (Doc ID 437587.1)**

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Release 12 Oracle Purchasing API and Open Interface Changes

Last revised: Jan 19, 2011

See [Change Record](#)

How to Use this Document

The *Release 12 Purchasing API and Open Interface Changes* communicates technical information about new or changed functionality introduced in the Release 12 of the Oracle E-Business Suite. It does not cover any changes introduced in family packs, minipacks or standalone patches released since 11.5.10. To find out about these changes, consult the appropriate [Other Documents](#) listed below.

To best use this document you will need the latest version of the 11.5.10 *Oracle Manufacturing APIs and Open Interfaces Manual* (available on the documentation library CD listed below) for complete documentation on the Purchasing APIs and Open Interfaces and then refer to this document for the change made in Release 12.

This document contains the following technical information about Release 12 Oracle Purchasing API and Open Interface Changes.

1. [New and Changed Components](#)
2. [Implementation Considerations](#)
3. [Change Record](#)

Other Document Links

- [R12 Oracle Purchasing User Guide](#)
- [R12 Oracle Purchasing Functional Upgrade in the Oracle Applications Upgrade Guide](#)
- R12 Oracle [Electronic Technical Reference Manual \(eTRM\)](#) located on Oracle *MetaLink*
- R12 Oracle [Integration Repository](#) located on Oracle *MetaLink*
- Note that the R12 [Oracle Applications Online Documentation CD](#) is available. It contains the most current Documentation Library.

1. New and Changed Components

This section identifies some of the components that were introduced or changed for Oracle Purchasing in Release 12. The components detailed in this section may have significant impact to existing customizations and/or extensions currently implemented on the system. Please carefully review and understand the implications of these changes in these areas. For additional information refer to the [Oracle Electronic Technical Reference Manuals \(eTRM\)](#) or the [Oracle Integration Repository](#) located on Oracle *MetaLink*. Please note that both the eTRM and the Integration Repository represents cumulative, not delta, product information.

1.1 Public APIs

For additional information refer to the [Oracle Integration Repository](#) located on Oracle *MetaLink* or in your installed Release 12 E-Business Suite Application.

1.1.1 NEW PUBLIC APIS

None in this release.

1.1.2 CHANGED PUBLIC APIS

Public API Name	Feature Area	Brief Description of Change
Cancel PO API	Complex work Procurement	The Cancel PO API or PO_Document_Control_PUB.control_document () PL/SQL procedure has been enhanced to cancel Complex Purchase Orders directly through API.

Was this document helpful?

- ☐ Yes
☐ No

Document Details



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Related Products

Oracle Purchasing

Information Centers

[Information Center - Procurement \[2783634.2\]](#)

[G-Invoicing Information Center \[2830078.2\]](#)

Document References

No References available for this document.

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Oracle Help Center Product Documentation Links [1597048.1]

R12: AP: Cannot Select this Payment Document Because it is in use By Another Single Payment [1322570.1]

R12: AP: Receive The Following Error When Recording A Single Payment: The Paper Document Number that You Selected Has Already Been Used [874244.1]

R12: APP-SQLAP-97856, you cannot select this payment document because it is in use by payment instruction ###. Please select another payment document. [953424.1]

Penny Variance On PO Matched Invoices [2043015.1]

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Public API Name	Feature Area	Brief Description of Change
Purchase Order Change API	Complex work Procurement	The Purchase Order Change API has been enhanced to support Pay Items; which specifies the work component, the associated dollar amount, and due date for completion associated with the work component.
Purchase Order Change API	Support Need By Date update for change po api	Added NEW_NEED_BY_DATE as a parameter. Support updating need by date on a po shipment (Supported documents include Standard PO, Planned PO, Blanket Release, Scheduled Release)

1.1.3 OBSOLETE/DEPRECATED PUBLIC APIS

None in this release.

1.2 Open Interfaces

For additional table and view information refer to the [Oracle Electronic Technical Reference Manuals \(eTRM\)](#) located on OracleMetaLink. Please note that the eTRM contains cumulative, not delta, product information.

- 1. [Tables](#)
- 2. [Programs](#)

1.2.1 Tables

1.2.1.1 NEW TABLES

Table Name	Feature Area
PO_LINE_LOCATIONS_INTERFACE	This table is intended for internal use only. This is the interface table for price breaks and standard PO shipments. You should not populate these tables rather PO_LINES_INTERFACE as before. PDOI internally pushes records to this interface table for processing.
PO_ATTR_VALUES_INTERFACE	This table is intended for internal use only. This table is an interface table for line non translatable value of item descriptors.
PO_ATTR_VALUES_TLP_INTERFACE	This table is intended for internal use only. This table is an interface table for line translatable values of item descriptors.

1.2.1.2 CHANGED TABLES

Table Name	Feature Area	Brief Description of Change
PO_REQUISITIONS_INTERFACE_ALL	E-Business Tax Integration	Added new column that you can populate: <ul style="list-style-type: none">tax_name
PO_HEADERS_INTERFACE	Unified Catalog	Added two new columns that you can populate: <ul style="list-style-type: none">created_language: The session language in which the user creates the blanket in, it's used to determine the base language for the descriptors.cpa_reference: For internal use only.

Table Name	Feature Area	Brief Description of Change
PO_HEADERS_INTERFACE	PDOI Processing	<p>Added the following two columns that you can populate:</p> <ul style="list-style-type: none"> style_id: This represents the Oracle Purchasing style that you want to associate with the order/ agreement being imported. style_display_name: You can specify the Oracle Purchasing style display name which can derive the style_id. <p>The following columns added to the table for internal use only:</p> <ul style="list-style-type: none"> draft_id processing_id processing_round_num original_po_header_id
PO_LINES_INTERFACE	PDOI Processing	<p>The following columns added to the table and are intended for internal use only:</p> <ul style="list-style-type: none"> processing_id line_loc_populated_flag file_line_number retainage_rate max_retainage_amount progress_payment_rate recoupment_rate advance_amount
PO_LINES_INTERFACE	Unified Catalog	<p>The following columns added to the table which you can populate:</p> <ul style="list-style-type: none"> supplier_part_auxid ip_category_id ip_category_name: Represents the shopping category. <p>The following columns added to the table for internal use only:</p> <ul style="list-style-type: none"> catalog_name file_line_number file_line_language
PO_LINE_LOCATIONS_INTERFACE	Complex Work Procurement	<p>Addition of the following Columns :</p> <ul style="list-style-type: none"> PAYMENT_TYPE DESCRIPTION WORK_APPROVER_NAME WORK_APPROVER_ID BID_PAYMENT_ID AUCTION_PAYMENT_ID
PO_DISTRIBUTIONS_INTERFACE	PDOI Processing	<p>The following columns added to the table for internal use:</p> <ul style="list-style-type: none"> interface_line_location_id processing_id process_code interface_distribution_ref
PO_PRICE_DIFF_INTERFACE	PDOI Processing	<p>The following columns added to the table for internal use:</p> <ul style="list-style-type: none"> processin_id process_code
PO_INTERFACE_ERRORS	Unified Catalog	<p>Added following new columns to the table for internal use:</p> <ul style="list-style-type: none"> column_value interface_line_location_id interface_attr_values_id interface_attr_values_tlp_id price_diff_interface_id token1_name, token2_name, ..., token6_name token1_value, token2_value, ..., token6_value app_name

1.2.1.3 OBSOLETE TABLES

None in this release.

1.2.2 Programs

1.2.2.1 NEW PROGRAMS

None in this release.

1.2.2.2 CHANGED PROGRAMS

Program Name	Feature Area	Brief Description of Change
Requisition Import	Requisition support in Purchasing Open Interface	Now allows Order Modifiers (Minimum Order Quantity and Fixed Lot Multiple during the Requisition Import concurrent program for requisition imported from Inventory module. (interface_source_code = INV). These order modifiers are specified on Approved Supplier List form.
Requisition Import	Validating the records in the interface tables.	This process now allow creation of requisition with fixed price service line, which has Shop Floor as the destination type, if eAM is installed. Interface record will be rejected if eAM is not intalled.
Requisition Import	Requisition Import	Modified to maintain the PO_REQUISITION_LINES_ALL.reqs_in_pool_flag which is a singular in-pool identifier column
Requisition Import	Charge Based Shikyu	Added validation to make sure that Shikyu item must have Inventory as the destination type and that the secondary sub-inventory type for the destination sub-inventory is "ASSET".
Purchasing Document Open Interface	PO Document Import	<p>The program has been rewritten to support bulk processing of interface data.</p> <p>You can now specify the following in the interface tables for importing standard PO or price catalogs (agreements and quotations):</p> <ul style="list-style-type: none">Standard PO:<ul style="list-style-type: none">Header: style_name or style_idBlanket or Quotation<ul style="list-style-type: none">Header: style_name or style_id (Not for Quotations)Line: ip_category or ip_category_name, supplier_part_auxid <p>This program has been enhanced to try processing records stuck in 'IN-PROCESS' status due to any unexpected error.</p>
Purchasing Document Open Interface	Standard PO import	<p>Default field OUTSOURCED_ASSEMBLY field in PO_PDOI_LINE_LOC_PROCESS_PVT.default_outsourced_assembly</p> <p>Added validations to make sure that Shikyu item can only be delivered to inventory destination type and asset sub-inventory</p>
Purge Purchasing Open Interface Processed Data		<p>A new parameter 'Document Number' has been added to the program that enables purging processed records in the interface table for a particular purchase order.</p> <p>During PDOI processing records may get propagated to the draft tables and due to unexpected error may get stuck there. You can use this program to purge such records for a specific purchase order from the draft tables.</p>

1.2.2.3 OBSOLETE PROGRAMS

None in this release.

2. Implementation Considerations

This section identifies the new/changed setup steps for Oracle Purchasing APIs and Open Interfaces that were introduced in Release 12.

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2.1 PURCHASE DOCUMENT OPEN INTERFACE (PDOI) ENHANCEMENTS

PDOI has been completely rewritten in Release 12. The major differences include:

- Utilizing bulk processing to derive, default, and validate data in the interface tables

7. Change Record

Date	Description of Change
June 30 , 2007	Publish document.
Jan 19 , 2011	Updated Section 1.1.2 Changed Public APIs - Cancel PO API

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Keywords

[API](#); [DOCUMENTATION](#); [R12](#)

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