



Cloud Enhancement Services

Live Webinar

Host:

Rashi Sharma
Consultant, SCM

Speaker:

Ruchin Samani
Senior Consultant II, SCM

22D - SUPPLY CHAIN MANAGEMENT (INV/OM)

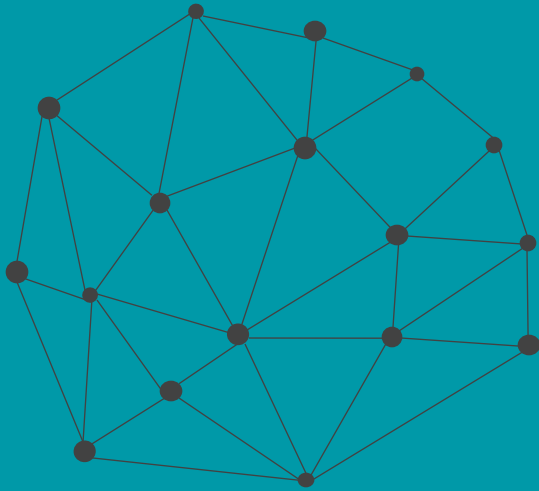
Empowering you for the next update



ORACLE

Partner





DISCLAIMER

These advisory webinars are organized to equip you with the latest updates.
The content of this session is based on the interpretation of the material and documentation that Oracle has released and is a general guideline/recommendation only.

AGENDA

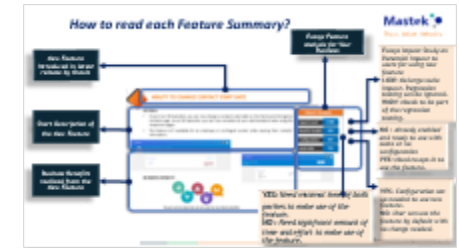


Our Approach to Oracle Update

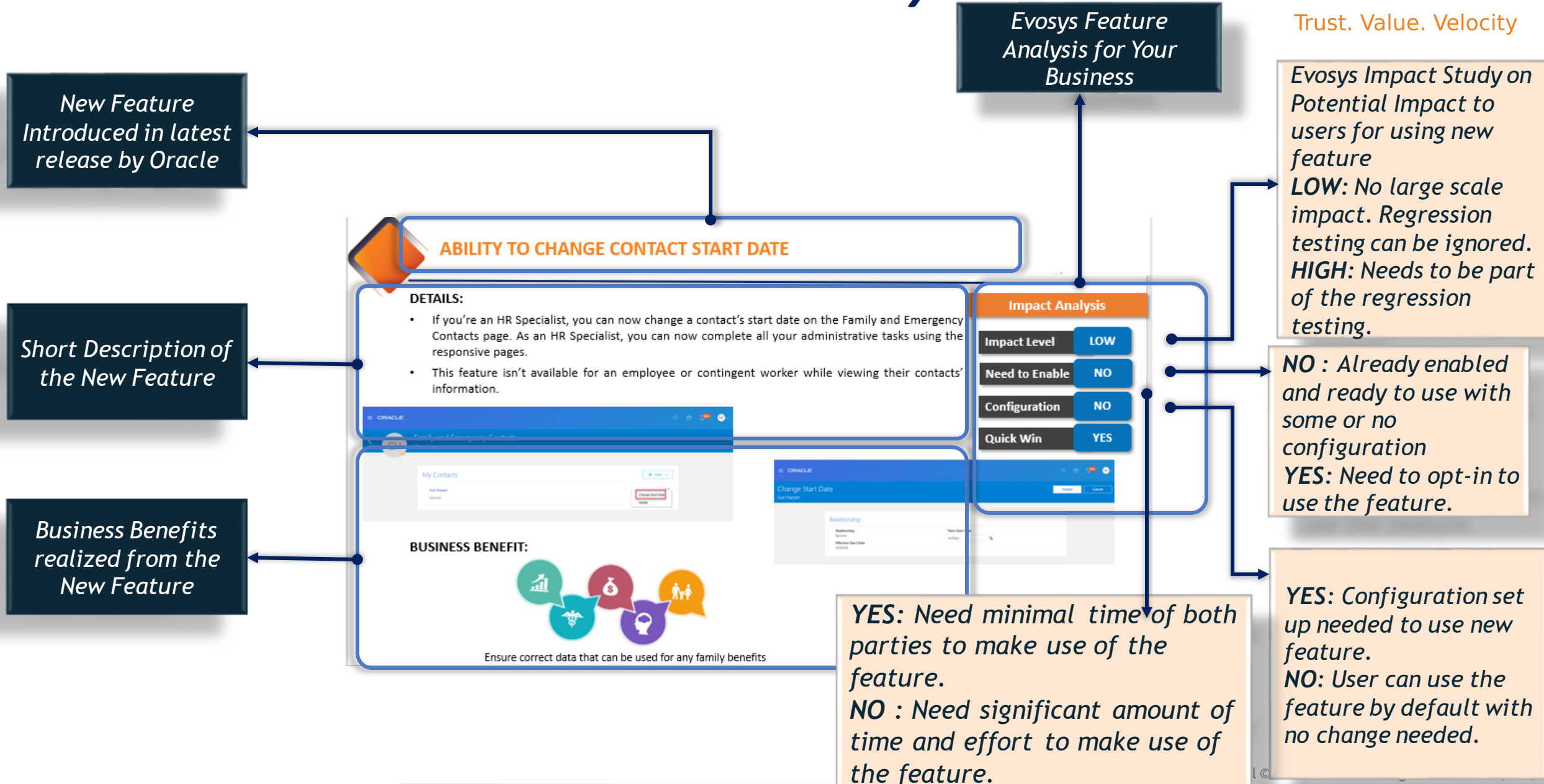
Our Analysis of Latest Release

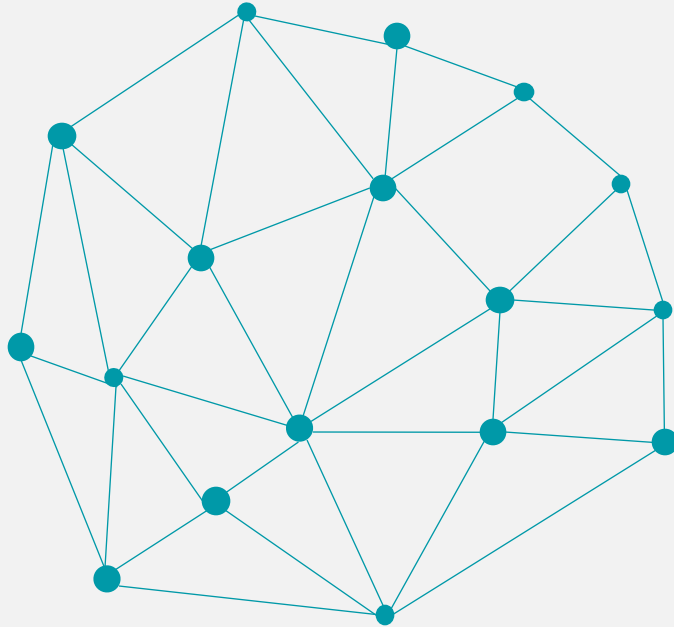
- New Features
- Known Issues (If any)

Closing - Q&A



How to read each Feature Summary?

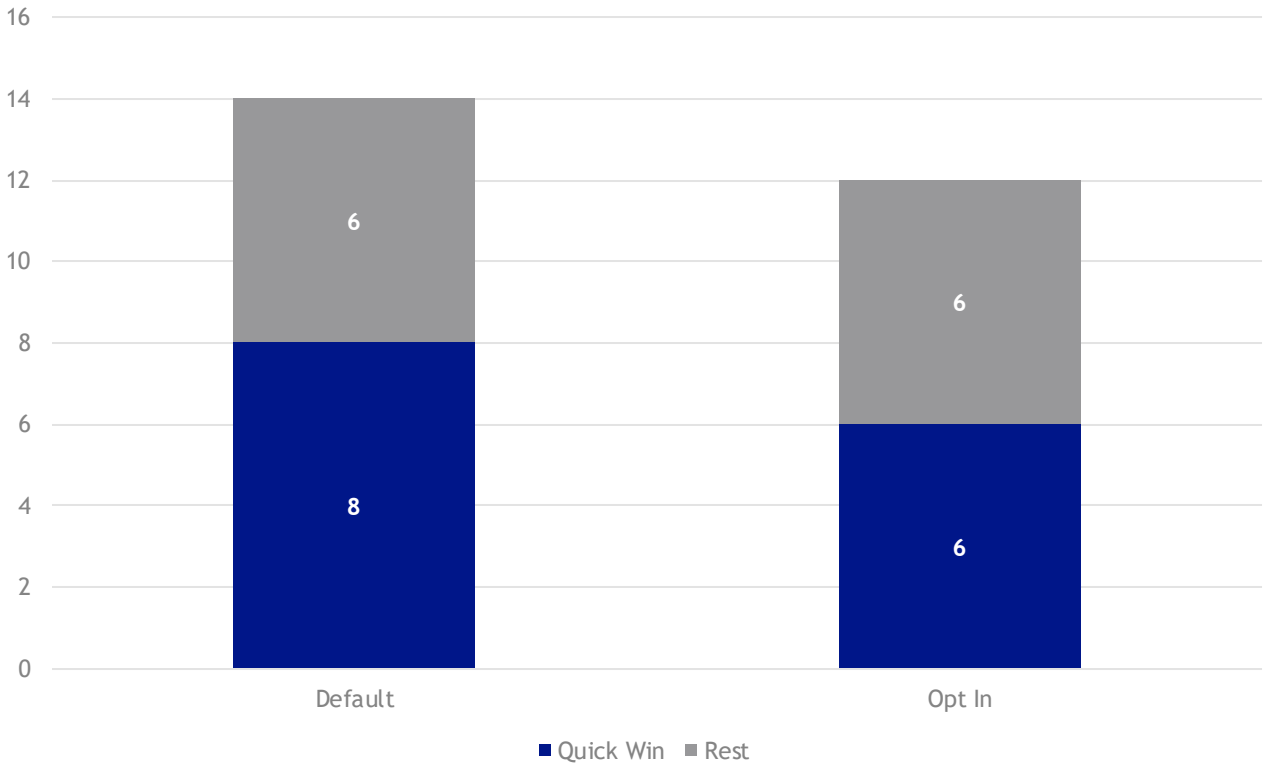


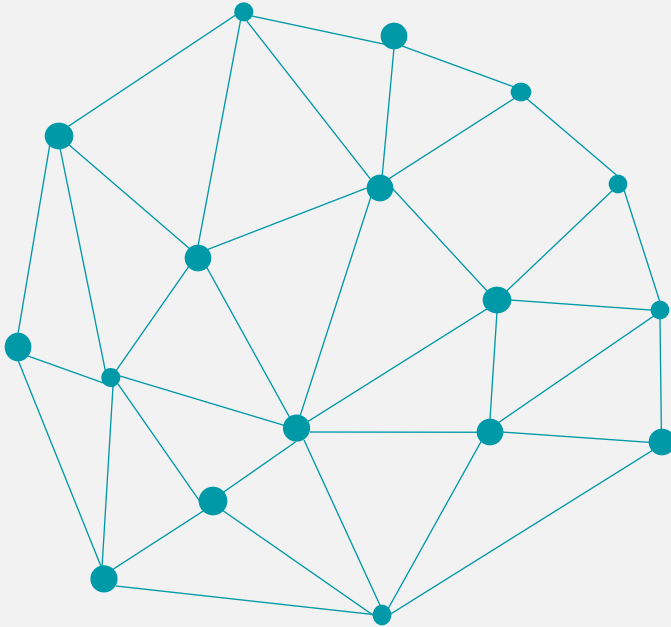


OUR ANALYSIS OF LATEST RELEASE

NEW FEATURES

ORDER MANAGEMENT & INVENTORY





QUICK WIN

Default with no configuration

USE THE SUPPLY REQUEST REST API TO SET THE SHIPMENT PRIORITY FOR A TRANSFER ORDER

Details

- Oracle applications come predefined to use values in WSH_SHIPPING_PRIORITY lookup type for the shipping priority. You can reference them in your REST API payload to create or update a transfer order.
- Supply Chain Orchestration sends the shipment priority that is specified in REST API to Inventory Management, to set the priority on the transfer order line.

Impact Analysis	
Impact Level	MED
Need to Enable	NO
Configuration	NO
Quick Win	YES

Business Benefit: Warehouse Manager can use the priority to prioritize shipping for the transfer order

USE THE SUPPLY REQUEST REST API TO SET THE SHIPMENT PRIORITY FOR A TRANSFER ORDER

Sample Payload:

```
{
  "InterfaceSourceCode": "EXT",
  "InterfaceBatchNumber": "ss_rest_211215011",
  "SupplyRequestStatus": "NEW",
  "SupplyRequestDate": "2021-12-22T11:00:03.503-08:00",
  "SupplyOrderSource": "EXT",
  "SupplyOrderReferenceNumber": "211215011",
  "SupplyOrderReferenceId": 1,
  "ProcessRequestFlag": "Y",
  "supplyRequestLines": [
    {
      "InterfaceBatchNumber": "ss_rest_211215011",
      "InterfaceSourceCode": "EXT",
      "SupplyOrderSource": "EXT",
      "SupplyOrderReferenceLineNumber": "1",
      "SupplyOrderReferenceLineId": 12112150511,
      "SupplyType": "TRANSFER",
      "DestinationOrganizationCode": "M1",
      "SourceOrganizationCode": "M2",
      "DestinationSubinventoryCode": "Stores",
      "SourceSubinventoryCode": "Stores",
      "ItemNumber": "DOS-IMT-Trfr-MM2",
      "BackToBackFlag": "N",
      "NeedByDate": "2021-12-22T01:01:12.123-08:00",
      "Quantity": 15,
      "UOMCode": "Ea",
      "PreparerEmail": "sendmail-test-discard@oracle.com",
      "DeliverToRequesterEmail": "sendmail-test-discard@oracle.com",
      "RequestedShipDate": "2021-12-22T01:01:12.123-08:00",
      "DestinationTypeCode": "INVENTORY",
      "ShipmentPriorityCode": "HIGH"
    }
  ]
}
```

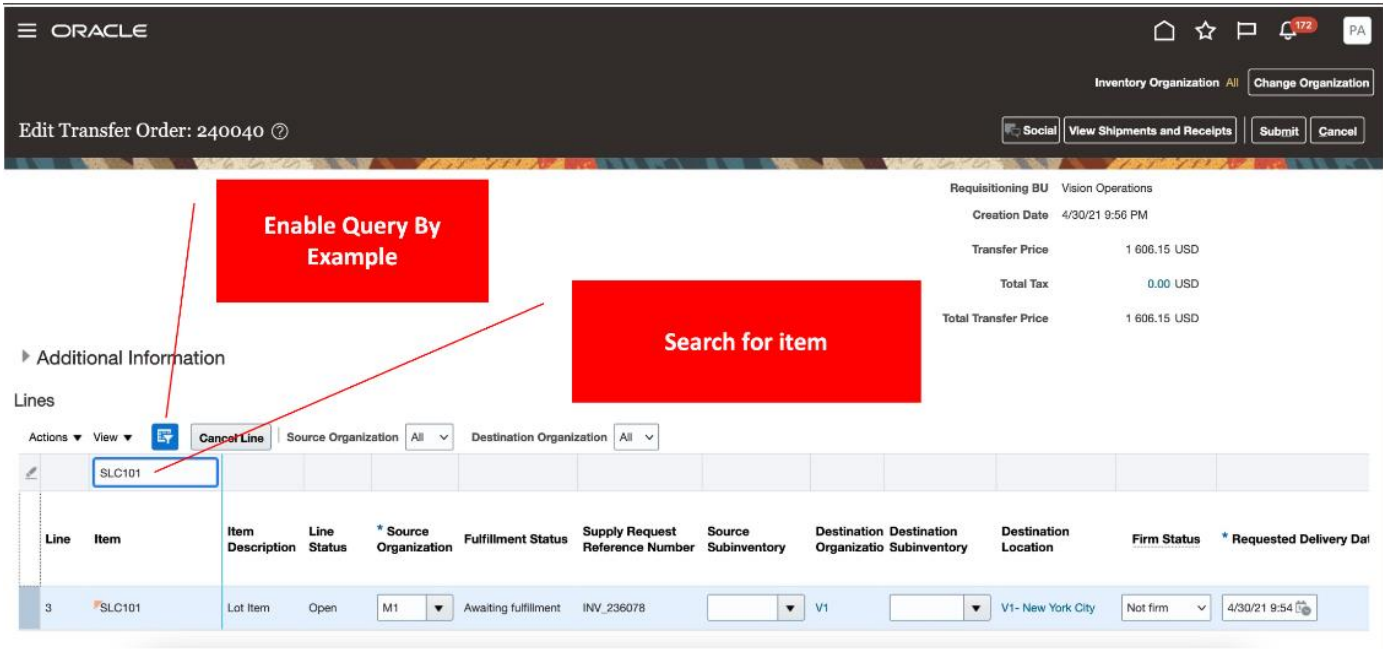
Impact Analysis

Impact Level	MED
Need to Enable	NO
Configuration	NO
Quick Win	YES

USE QUERY BY EXAMPLE TO SEARCH FOR ITEMS ON TRANSFER ORDER

Details

- This feature provides you with an efficient way to find a specific item on transfer order having large number of order lines with multiple goods on a single order.



Impact Analysis	
Impact Level	MED
Need to Enable	NO
Configuration	NO
Quick Win	YES

Business Benefit: Warehouse Manager can quickly query and identify a line he wants to act on a transfer order.

USE REST SERVICES TO CONFIRM ITEM DELIVERIES IN FISCAL DOCUMENT CAPTURE FOR TRANSFER ORDER & RMA'S

Details

- If you are conducting a SCM operations in Brazil, you will need to capture fiscal documents for receipt transactions. REST API can now create receipts that are recorded in an external system against a fiscal document line recorded in Oracle Fiscal Document Capture

Table lists for the REST resources:

Resource Name	Operation	Standard Action Type
inboundFiscalDocuments	GET	Singular and Collection
fiscalDocumentLines	GET	Singular and Collection
fiscalDocumentLines	PATCH	Singular
fiscalDocumentLines	PATCH	Bulk update
fiscalDocumentSchedules	GET	Singular and Collection

Business Benefit: Businesses who are recording a physical receipts of material outside Oracle cloud, can use this REST services to create item deliveries against a fiscal document.

Impact Analysis

Impact Level

MED

Need to Enable

NO

Configuration

NO

Quick Win

YES

VALIDATE FISCAL DOCUMENT USING A SCHEDULED PROCESS

Details

- The existing “Import Electronic Fiscal Documents” scheduled process is renamed to “**Import and Validate Electronic Fiscal Documents**” and further enhanced to support bulk validation of fiscal documents that were either manually created or imported via interface. The new parameters added to this process allows users to either schedule the ESS process or run the process on demand for controlled set of parameters.

Process Details

This process will be queued up for submission at position 1

Process Options

Advanced

Submit

Cancel

Name

Import and Validate Electronic Fiscal Documents

Description

Imports electronic fiscal documents from the in...

☐ Notify me when this process ends

Schedule

As soon as possible

Submission Notes

Basic Options

Parameters

Issuer Taxpayer ID

Receiver Taxpayer ID

Issue Date From

m/d/yy

Issue Date To

m/d/yy

Fiscal Documents to Validate

☒ New

☐ Existing

☐ All

Sold-to Legal Entity

Fiscal Document Status

Fiscal Document Type

Source Document Type

Fiscal Document

Impact Analysis	
Impact Level	MED
Need to Enable	NO
Configuration	NO
Quick Win	YES

Business Benefit: Ability to schedule the process allows user to automatically validate the new fiscal documents that are imported and pending validations.

CONFIGURE ADDITIONAL FINANCIAL ORCHESTRATION QUALIFIERS TO MODEL YOUR FINANCIAL FLOWS

Details

- The new financial orchestration qualifier attributes “Bill to Party”, “Bill to Country” and “Sold to Country” now can be used to create the qualifier rules to derive the financial flows for drop shipment, shipment and nonshippable sales processes.

Create Financial Orchestration Qualifier ⓘ

Name

Description

Business Process Type Shipment

User-Defined Catalog

Actions View Format +

Parameter	Operator	Value
<input type="text"/>	Equals	<input type="text"/>

Rows Selected

Rule Text P

Asset Item

Bill to Country

Bill to Party

Financial Orchestration Category

Item

Item Class

Order Type

Ship from Organization

Ship to Address

Ship to Country

Ship to Party

Sold To Party

Sold to Country

User Item Type

User-Defined Category

Impact Analysis	
Impact Level	MED
Need to Enable	NO
Configuration	NO
Quick Win	YES

Business Benefit: You can now use the additional qualifier attributes to configure rules based on these new parameters to orchestrate your financial flows.

UPLOAD SERIAL DESCRIPTIVE FLEXFIELDS USING PERFORM SHIPPING TRANSACTION IMPORT FBDI

Details

- Oracle will allow users to provide data of your serial number descriptive flexfields(DFFs) while uploading a shipping transaction using the “Perform Shipping Transaction Import FBDI” template when your serial number generation method is set to **Entry at inventory pick** or **Entry at Sales Order, Transfer Order or work Order Issue**.

Subinventory	Locator	Revision	* From Serial Number	To Serial Number	Inv_Serial_Interface_Num	ATTRIBUTE_CATEGORY	ATTRIBUTE1	ATTRIBUTE2	ATTRIBUTE3
Stores			SERDFFDEMO0001	SERDFFDEMO0001		SRL_1	AA	BB	CC

This table summarizes the attributes corresponding to each other of the two serial number DFF in FBDI:

	Data Type	Serial Numbers DFF	Serial Attributes DFF
1	Character	ATTRIBUTE1 - ATTRIBUTE20	C_ATTRIBUTE1 - C_ATTRIBUTE20
2	Number	ATTRIBUTE_NUMBER1 - ATTRIBUTE_NUMBER10	N_ATTRIBUTE1 - N_ATTRIBUTE10
3	Date	ATTRIBUTE_DATE1 - ATTRIBUTE_DATE5	D_ATTRIBUTE1 - D_ATTRIBUTE10
4	Date with Time	ATTRIBUTE_TIMESTAMP1 - ATTRIBUTE_TIMESATMP5	T_ATTRIBUTE1 - T_ATTRIBUTE5
5	Context	ATTRIBUTE_CATEGORY	SERIAL_ATTRIBUTE_CATEGORY

Business Benefit: Provides quick and efficient way to upload additional serial number data in DFF while importing large number of shipping transactions using FBDI

Impact Analysis

Impact Level

MED

Need to Enable

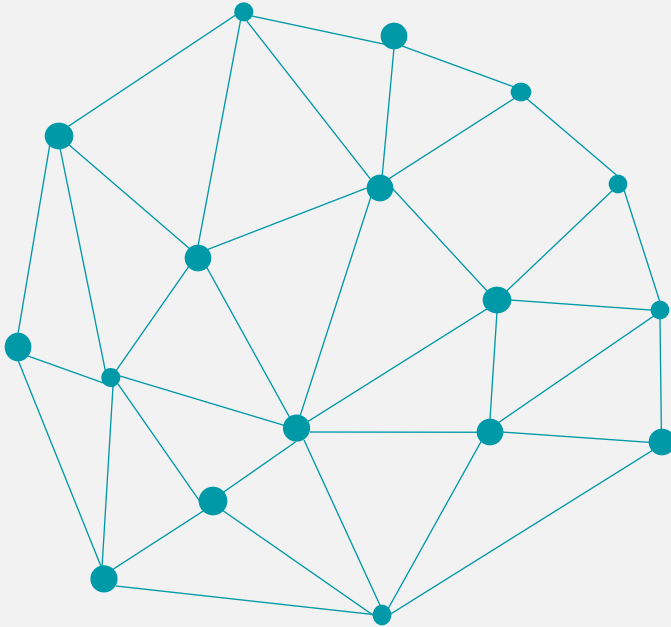
NO

Configuration

NO

Quick Win

YES



QUICK WIN

Default with Configuration

CONFIGURE SEPARATE SUPPLIER ACCOUNTS FOR PROFIT CENTER BUSINESS UNITS

- Details
- User can now configure separate supplier accounts for different business units for intercompany transactions.

Edit Profit Center BU to Party Relationship: Vision Operations

Profit Center Business Unit

Vision Operations

Legal Entity

Vision Operations

Default Trade Organization

V1

Default Trade Organization Name

Vision Operations

Ship-to Location

V1- New York City

Supplier Number

20061

Supplier

Internal-Vision Operations-20061

Customer Account Number

4017

Customer

Internal-Vision Operations

Party

Internal-Vision Operations

Profit Center BU Profiles

Name	Description	Edit	View	Delete
Intercompany buyer profile	BU acts as a customer in an intercompany transaction.			
Intercompany seller profile	BU acts as a seller in an intercompany transaction.			

Impact Analysis

Impact Level

MED

Need to Enable

NO

Configuration

YES

Quick Win

YES

Business Benefit: The supplier setups including the payment and tax details could be defaulted during creation of the intercompany invoices in Oracle Fusion Payables.

USE ORDER MANAGEMENT EXTENSIONS TO CREATE, READ, UPDATE, OR CANCEL ORDER LINES

Details

- Create a new line that isn't already related to an existing one. Additionally, you can now read, update or cancel an order line that has a standard item or service item and you don't have to reference an existing line. You can use this feature only if you price the sales order in Oracle Order Management.

```
//---

import oracle.apps.scm.doo.common.extensions.CreateLineParams;

def poNumber = header.getAttribute("CustomerPONumber");

if(poNumber != "CreateStandaloneLine") return;

def createLineParams = new CreateLineParams(); // Initialize the new variable so we can send the required attributes.

createLineParams.setProductNumber("A854888"); // Add the A854888 item to the new line.

createLineParams.setOrderedUOM("Each"); // Set the unit of measure to Each.

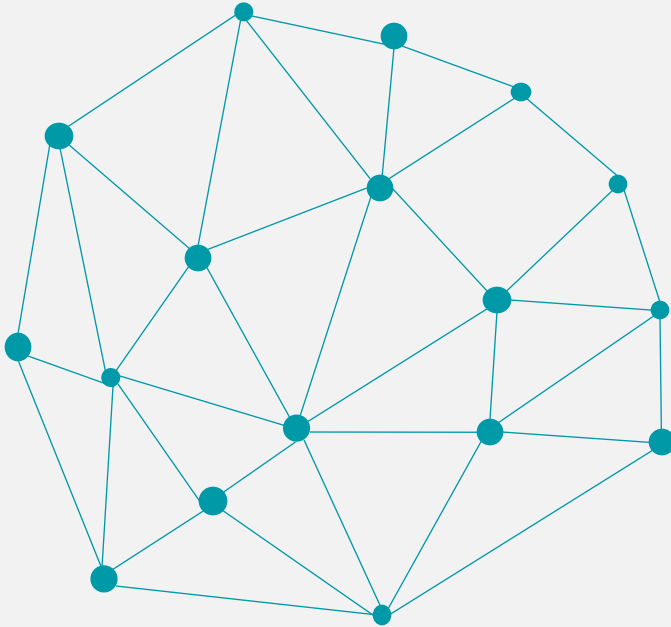
createLineParams.setOrderedQuantity(10); // Set the ordered quantity to 10.

header.createNewLine(createLineParams); // Use the attribute values from the above lines to create the line. The extension will cascade the other ship to and bill to attribute values from the order header.

--//
```

Impact Analysis	
Impact Level	MED
Need to Enable	NO
Configuration	NO
Quick Win	YES

Business Benefit: Use this feature to add an order line when you create a sales order or when you update an order line.



QUICK WIN

Opt in Features

CONFIGURE PREFERRED DATE FORMAT FOR THE PLANNING TABLE DATA REST SERVICES

Details

- When loading data using the Planning table data REST service, you may want to use your own date format to ease the transformation burden and use a consistent format. With this update, the user preference configured for date format is honored by the REST service.
- The preceding example shows the different date formats available in user’s general preferences settings.

ORACLE

General Preferences: Regional

TerritoryUnited States

Date FormatMM/dd/yy (07/21/22)

Time Formath:mm a (2:09 PM)

Number Format-1,234,567

CurrencyUS Dollar

Time Zone(UTC+00:00) Coordinated Universal Time (UTC)

Save

Save and Close

Cancel

M-d-yyyy (7-21-2022)

M.d/yyyy (7.21.2022)

M/d/yy (7/21/22)

M/d/yyyy (7/21/2022)

MM-dd-yy (07-21-22)

MM-dd-yyyy (07-21-2022)

MM.dd/yyyy (07.21.2022)

✓ MM/dd/yy (07/21/22)

MM/dd/yyyy (07/21/2022)

d-M-yy (21-7-22)

d-M-yyyy (21-7-2022)

d-MMM-yyyy (21-Jul-2022)

d.M.y (21.7.2022)

d.M.yy (21.7.22)

d.M.yy. (21.7.22.)

d.M.yyyy (21.7.2022)

d.MM.yy (21.07.22)

d.MM.yyyy (21.07.2022)

d.MMM.yyyy (21-Jul.2022)

d/MM/yy (21/7/22)

Impact Analysis	
Impact Level	LOW
Need to Enable	YES
Configuration	NO
Quick Win	YES

Business Benefit: With this feature planning honors all of these formats.

REVIEW SALES ORDER LINE NUMBER

Details

- Planner, will now be able to see the sales order line number in planning UI, which enables easy comparison with an execution system. Previously, it used to show fulfillment line number from Oracle Order Management. This display approach required additional navigation to correlate the data to the actual sales order line in Order Management.

Plan Inputs ⓘ

Items x Supplies and Demands x

Search

Item Equals [] Start Quantity Equals []

Organization Equals [] Catalog Equals []

Order Type Equals [] Sales order []

Order Number Starts with [519893]

Planner Starts with []

Category Equals []

Condition Equals []

Advanced Manage Conditions Saved Search Application Default []

Search Results ⓘ

Actions View View Layout VC-PTLY Save...

Configuration Item	Item	Line Number	Country Of Origin	Project Group	Project	Task	Region	Organization	Item Description	Order Type
	RTSP-3DTV	1.1.3.1						M1	3DTV OPTION I...	Sales order
	RTSP-PTO-HT	1						M1	PTO-CHILD MO...	Sales order
	RTSP-PTOP-HT5.1	1.2						M1	OP1 BELOW C...	Sales order
RTSP-TV*1046*RTSP-TV	RTSP-TV	1.1						M1	Model TV-belo...	Sales order
	RTSP-TV32	1.1.2.1						M1	TV-32 OPTION ...	Sales order
	RTSP-TV-MONOCROME	1.1.1.1.1						M1	OPTION1 BW PL...	Sales order
RTSP-TV-PICTURETUBE*1047*RTSP-TV-PICTURETUBE	RTSP-TV-PICTURETUBE	1.1.1						M1	ATO Model TV <...	Sales order
	RTSP-TV-PTTYPE	1.1.1.1						M1	OPTION CLASS...	Sales order
	RTSP-TV-SIZE	1.1.2						M1	OPTION CLASS...	Sales order

Impact Analysis

Impact Level	LOW
Need to Enable	YES
Configuration	NO
Quick Win	YES

Business Benefit: Planner will easily be able to reference the sales order demand line with the Oracle OM line number.

VIEW IMPROVED PICK RELEASE LOGS

Details

- Users can now opt in to use enhanced pick release logging to view additional details about their pick wave. This feature provides user with a summary level details in your log, besides the exact shipment line numbers that were excluded.
- User need to set the profile option “ORA_WSH_PICK_RELEASE_ESS_DETAIL_LOGGING TO Y

Manage Administrator Profile Values ?

Save Save and Close Cancel

Search : Profile Option

Profile Option Code Application

Profile Display Name Module

Category

Search Reset

Search Results

Search Results : Profile Options

View ▾

Profile Option Code	Profile Display Name	Ap Module	Start Date	End Date	Description
ORA_WSH_PICK_RELEASE_ESS_DETAIL_LOGGING	Enable Pick Release Detailed Logging	S. Pick Release	5/17/22		Enable detailed logging for the Pick Release process when submitted through a scheduled process job.

ORA_WSH_PICK_RELEASE_ESS_DETAIL_LOGGING: Profile Values

Actions ▾ View + X

Profile Level	Product Name	User Name	Profile Value
Site			Y

Set the Profile Value to Y

Impact Analysis

Impact Level **LOW**

Need to Enable **YES**

Configuration **YES**

Quick Win **YES**

Business Benefit: This feature provides quick and easy way to identify which lines were excluded from being released to your warehouse for picking and why they were omitted.

RESOLVE INBOUND SHIPMENTS AND PO SCHEDULES FOR ITEMS ON RECALL

Details

- This new feature automatically sends a notification when user receives an inbound recalled product, to count and quarantine them. A recall trace line is generated for all the locations that received the product and a new count task is created. This enables the assigned person to count and move the recalled product to recall sub inventory for the relevant disposal action. The resolution of inbound shipment or open purchase order is changed to “Count Task Generated” when the count task is created.
- The following image illustrates a received inbound shipment with updated resolution status, and a replaced recalled products on a PO before shipment.

↑ RI Sterile Latex Powdered Surgical Gloves

Item Progress

View Notice

In Progress

Line 1

Item SCH6001

MPN MFG6001

Miscellaneous_1

Tasks

Details

Traceability Status
Inbound

Search

175 Box of 10
Inbound Quantity

Mark as Recall Exempt

	Inventory Organization	Lot Number	Serial Number	Transaction Type	Document Reference	Transaction Date	Estimated Quantity	Resolution
<input type="checkbox"/>	HC01	-	-	Purchase Order	1007158-1	-	25 Box of 10	Replaced
<input type="checkbox"/>	HC01	-	-	Purchase Order	1007159-1	-	50 Box of 10	Replaced
<input type="checkbox"/>	HC01	-	-	Purchase Order	1007157-1	-	50 Box of 10	Replaced
<input type="checkbox"/>	HC01	-	-	Shipment	ASN1007156	6/10/22	50 Box of 10	Count task generated

Impact Analysis

Impact Level

MED

Need to Enable

YES

Configuration

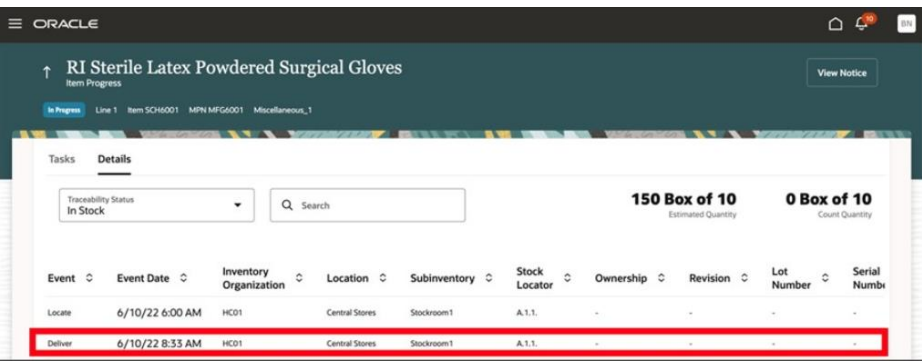
YES

Quick Win

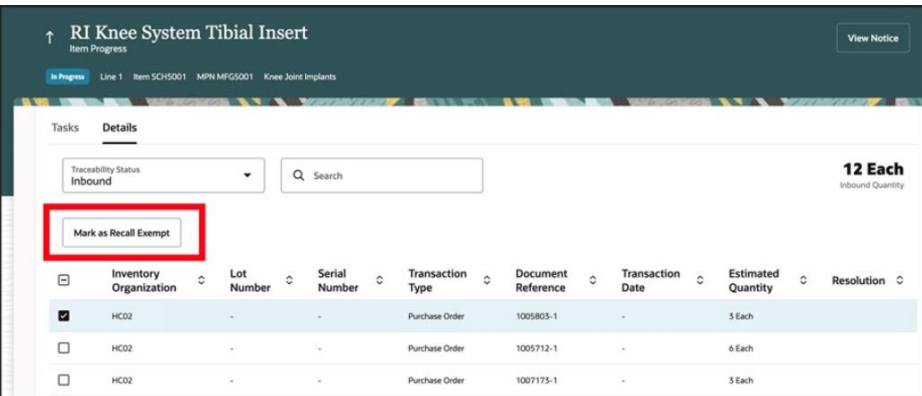
YES

RESOLVE INBOUND SHIPMENTS AND PO SCHEDULES FOR ITEMS ON RECALL

- The following image shows the trace line based on the delivery of recalled product for an inbound shipment



- Alternatively, user can manually mark an inbound trace line as exempt from recall if they receive a confirmation from suppliers that goods on the open PO are free of defect.



Impact Analysis

Impact Level

MED

Need to Enable

YES

Configuration

YES

Quick Win

YES

Business Benefit: Automatic generation of count tasks along with its notification, provides tighter control over the recall process. Besides, user no longer needs to administer the tasks for delivered recall items.

USE A REST API TO WRITE-OFF A DEDUCTION OR SETTLE AN INVALID INVOICE DEDUCTION CLAIM WITH A CHARGE BACK

Details

- The Channel customer claims REST API is enhanced to write-off an invoice or non-invoice deduction claim, and to settle an invalid invoice deduction claim with a charge back.

Business Benefit: Resolve and settle customer claims with a REST service for improved productivity and effectiveness in taking control of customer deduction.

Impact Analysis	
Impact Level	LOW
Need to Enable	YES
Configuration	NO
Quick Win	YES

DEFINE AND ADJUST HIERARCHICAL QUANTITY-BASED SUPPLY ALLOCATIONS

Details

- For item quantities specific Global Order Promising hierarchical allocation rules, user can now adjust the allocation quantities using Oracle Backlog Management. Global Order Promising will use the adjusted allocation values for availability checking and scheduling of future orders.

Business Benefit: This new capability can allow user to respond quickly to the changes in demand or supply by adjusting the quantity based allocation values.

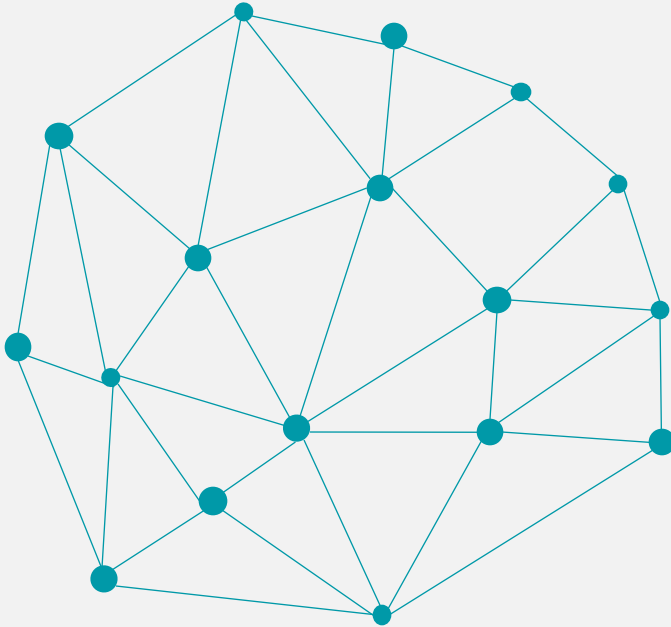
Impact Analysis	
Impact Level	MED
Need to Enable	YES
Configuration	NO
Quick Win	YES

CALCULATE ACQUISITION COST FOR PURCHASE ORDER TRANSACTIONS WITH ENHANCED COST PROCESSING

Details

- The enhanced cost processor can now be used to accurately calculate the cost for purchase order transactions. The improvements and benefits of the redesigned acquisition cost processor includes:
 - **Reconciliation improvements:**
 - Enhanced logic to reconcile the Receiving Inspection account across Cost Accounting and Receipt Accounting.
 - For expense destination purchase orders, the expense accounting entry now includes both the functional and purchase order document currencies.
 - For the purchase order related transactions, the processor uses transaction dates instead of the cost accounting process date for more accurate currency translation calculations.
 - Invoice price variance adjustment events in Cost Accounting are posted to the General Ledger period that is same as the period used by Accounts Payable.
 - Transaction events are processed individually to honor transaction dates for more accurate currency translation calculations.
 - Absorb the entire invoice amount over the net delivered quantity rather than the ordered quantity on the purchase order.
 - Enables granular tracking, easier reconciliation and processing of each individual purchase order price events and eliminates commingling of events.
 - **Handling Multi-Currency Scenarios:**
 - Avoids unnecessary cost variances for currency translation when the currency of the purchase order amount is the same as the functional currency of one of the secondary cost books but different than the functional currency of the primary cost book.
 - Multiple purchase order price events with the same date can be processed in the same run of the acquisition cost processor. However, the processing of events is prioritized in this order starting with the PO receipt delivery followed by invoice and invoice corrections, landed cost charges, retro price events, PO returns, debit memo, and accrual clearing.
 - Improve accounting accuracy by reducing the decimal dust resulting from repeated currency conversions.
 - **Enhanced Support for Items purchased in Secondary unit of measure:**
 - Support accurate acquisition cost calculation for catchweight scenarios for items tracked, purchased in secondary Unit of Measure.

Impact Analysis	
Impact Level	MED
Need to Enable	YES
Configuration	YES
Quick Win	YES



NEW FEATURES

Requires High Level Testing

SPECIFY WHEN TO SET DEFAULT VALUES FOR TAX DETERMINANTS

Details

- User can now turn off the default behavior of system to determine the tax and instead set default values when you save or submit the sales order. Oracle Order Management can also set default values when any attribute on a order header or the order is updated.

ORACLE

Manage Order Management Parameters

General Pricing

Parameter Name

Parameter Description

Specify default values for tax determinants

Specify the default value to use for each tax determinant.

Specify default values for tax determinants: Values

* Business Unit

All business units

* Specify When to Set Default Tax Determinants

Set defaults when you modify attributes

* Specify When to Set Default Tax Determinants

Set default values when saving the sales order

* Specify When to Set Default Tax Determinants

Set default values when submitting the sales order

* Specify When to Set Default Tax Determinants

Do not set default values

Impact Analysis

Impact Level

MED

Need to Enable

YES

Configuration

YES

Quick Win

NO

Business Benefit: Provides flexibility for the values that are used to calculate the tax. Improves performance for big sales orders and tax calculations are not wanted.

EXTRACT AND UPLOAD DATA FROM EXTERNAL SYSTEMS WITH IMPROVED PERFORMANCE

Details

- The process to load planning data from external systems using *Load Interface File for Import* scheduled process has been streamlined with an optional setup to sequentially load data in to the interface table based on a predefined logical grouping of entities expected to have large volume of data.
- The process of extracting data from Oracle EBS has additional parameters to split the extracted data into multiple files when the data file exceeds certain size for better performance.

High Volume Order Promising

- Recent changes to Oracle Fusion Cloud Global Order Promising provides a scale-out architecture for availability checking and scheduling requests across a horizontal grid, enhancing capacity and resilience. It reduces, operationl overhead, making supply and reference data updates immediately available and eliminating the need to refresh/restart the order promising server.
- This Opt in feature is a prerequisite to utilize the feature described in this section.

Impact Analysis	
Impact Level	MED
Need to Enable	YES
Configuration	YES
Quick Win	NO

EXTRACT AND UPLOAD DATA FROM EXTERNAL SYSTEMS WITH IMPROVED PERFORMANCE

- User needs to configure a lookup type `FUN_FBDI_LOOKUP` with lookup code `ALLOW_ORDERED_PARALLEL` and set its value to “135”

Lookup Type: `FUN_FBDI_LOOKUP` Meaning: `FUN_FBDI_LOOKUP` Description: Description Module: Financials Common Module

FUN_FBDI_LOOKUP: Lookup Codes

Actions View Format + X [Icons] Detach Wrap

Lookup Code	En	Start Date	End Date	Meaning	Description
ALLOW_ORDERED_PARALLEL	<input checked="" type="checkbox"/>	m/d/yy	m/d/yy	135	

Impact Analysis	
Impact Level	MED
Need to Enable	YES
Configuration	YES
Quick Win	NO

Business Benefit: This feature enables a more optimized usage of computing resources during the load process and can lead to improved performance.

INCLUDE FUTURE-DATED RECEIPTS IN REAL-TIME AVAILABLE-TO-PROMISE CALCULATIONS

Details

- 22C introduced a new order promising mode that leverages real-time updates to on-hand and receipt balances to schedule orders, rather than using collected data. Oracle now allows users to consider future dated receipts in the real time promising, which can offer customers the accurate availability dates for the items that don't have current stock rather than back ordering.

Overview Specifications Structures Attachments Associations Relationships Categories Quality History

Item

Transactional Attributes

Additional Attributes

Configurator Item Attributes

Pricing Item Attributes

PD Page

Item Revision

Additional Attributes

Item Organization

Manufacturing

Service

Inventory

Physical Attributes

Sales and Order Management

Planning

Purchasing

Item Organization: Sales and Order Management

Order Management ?

Customer Ordered

Yes

Customer Orders Enabled

Yes

ATP Components

None

Picking Rule

RMA Inspection Required

No

Eligibility Rule

Internally Transferable

Yes

Order Orchestration

Order Management Transaction Enabled

Yes

Order Management Indivisible

Transfer Orders Enabled

Yes

Check ATP

Source Based Promising

Returnable

No

Financing Allowed

Sales Product Type

Back-to-Back Enabled

No

Default Sales Order Source Type

Internal

Impact Analysis	
Impact Level	MED
Need to Enable	YES
Configuration	YES
Quick Win	NO

Business Benefit: Drives order promising in distribution based businesses more accurately in real time, without needing to collect this supply documents.

INCLUDE RESOURCES NEEDED TO PRODUCE ASSEMBLE-TO-ORDER OPTIONS IN CAPABLE-TO-PROMISE CALCULATIONS

Details

- Capable to promise calculations will now consider the resources specified on the order line that are needed to produce the configure-to-order options.
- Critical resources used in option-dependent operations will now be included in the bills of resource. The bills of resource will also display component usage quantity, operation sequence number, and resource quantity.

GOP-CTP-OP-SIMSET

Page Layout

Plan Inputs

Save Layout

Change

Open

Actions

Save

Cancel

Organization	Assembly Item	Ass. Option	Option	Resource	Component Item	Usage Quantity	Component UOM	Work Center	Resource	Resource UOM	Lead Time	Basis
M1	BJ-BOR-5855-MODEL	1	No	BJ-BOR-M1-R3				BJ-IV-WC	0.5	HRS	8	Variable
M1	BJ-BOR-5855-MODEL	1	No	BJ-BOR-M1-R2				BJ-IV-WC	1	HRS	8	Variable
M1	BJ-BOR-5855-MODEL	1	No	BJ-BOR-M1-R1				BJ-IV-WC	1	HRS	8	Variable
M1	RB-VIK_STV_BURNER	1			RB-ACCESS7	1	Each				0.5	Fixed
M1	RB-VIK_STV_BURNER	1	Yes	RB-ODR-R4				RB-VIK_STV_BURNER	1	HRS	0.5	Variable
M1	RB-VIK_STV_BURNER	1	No	RB-ODR-R5				RB-VIK_STV_BURNER	1	HRS	0.5	Variable
M1	RB-VIK_STV_BURNER	1	Yes	RB-ODR-R6				RB-VIK_STV_BURNER	1	HRS	0.5	Fixed
M1	RB-VIK_STV_BURNER	1	Yes	RB-ODR-R8				RB-VIK_STV_BURNER	0.75	HRS	0.5	Variable
M1	RB-VIK_STV_BURNER	1			RB-ACCESS5	1	Each				0.5	Variable
M1	RB-VIK_STV_BURNER	1	Yes	RB-ODR-R2				RB-VIK_STV_BURNER	3.75	HRS	0.5	Variable
M1	RB-VIK_STV_BURNER	1	Yes	RB-ODR-R1				RB-VIK_STV_BURNER	1	HRS	0.5	Variable
M1	RB-VIK_STV_BURNER	1	Yes	RB-ODR-R7				RB-VIK_STV_BURNER	2	HRS	0.5	Variable
M1	RB-VIK_STV_BURNER	1	Yes	RB-ODR-R3				RB-VIK_STV_BURNER	1	HRS	0.5	Variable

Rows Selected 1 Columns Hidden 7

Option-Dependent Resource Details

View

Organization	Assembly Item	Source Organization	Option	Operation Sequence Number	Resource	Resource Quantity	Usage Quantity
M1	RB-VIK_STV_BURNER	M1	RB-ACCESS6	20	RB-ODR-R2	1	1.5
M1	RB-VIK_STV_BURNER	M1	RB-FUEL_OC	20	RB-ODR-R2	1	1
M1	RB-VIK_STV_BURNER	M1	RB-ACCESS1	40	RB-ODR-R2	0.75	1

Impact Analysis

Impact Level

MED

Need to Enable

YES

Configuration

YES

Quick Win

NO

Business Benefit: Change reduces an overly optimistic scheduling of ATO items that require resources with restricted availability

RESPECT SUPPLY ALLOCATION RULES IN THE QUICK AVAILABILITY CHECK REST SERVICE

Details

- The Quick Availability Check Operation in the Global Order Promising REST service provides current supply information for eCommerce and order capture applications, which is used by the front-end application to filter out-of-stock items, provide low stock notifications, or feature items with high stock.
- This update let; Global Order Promising apply allocation rules to distribute the available quantity based on the allocation attribute values provided with the request.
- Oracle Global Order Promising will return quick availability results for any given requested date, regardless of whether it's a working day or a holiday

Impact Analysis	
Impact Level	MED
Need to Enable	YES
Configuration	NO
Quick Win	NO

Business Benefit: This change offers higher levels of availability to selected customers based on region, channel, loyalty status or other attributes. It ensures that allocation remains to the customer once an order is placed

USE APPROVAL MANAGEMENT FOR MOVEMENT REQUEST

Details

- Oracle has introduced approvals for requisition type movement request in 22D. The workflow for this task can be configured where the approval passes from one user(or groups of user) to another.
- This update is enabled only for requisition type movement request. Pick wave, Replenishment and Shopfloor don't go through the approval process and are preapproved
- There are four statuses of movement requests: Incomplete, Pending Approval, Approved, Rejected. You cannot edit or cancel a movement request in approved, rejected or pending approval status



The screenshot displays the Oracle Inventory Management interface. At the top, there's a table with columns: Movement Request, Line Number, Movement Request Type, Required Date, Transaction Type, Item, Requested Quantity, Delivered Quantity, UOM Name, Line Status, and Created By. A single row is visible with the following data: 5533273, 1, Requisition, 6/30/22 5:36 PM, Movement Req..., INV-100, 10, Each, Pending approval, WHSE_MGR_A...

Below the table, the interface shows a 'Picks' section with a donut chart indicating 590 items, with a legend for 'Open' (blue) and 'Confirmed T...' (green). To the right, there's a 'Late Cycle Counts' section showing '21 Items' over 30 days.

On the right side, a 'Notifications' panel is open, showing a search bar and two notifications. The first notification is 'ACTION REQUIRED: Movement Request 5554353 Requires Approval' by Sam Oliver, with 'Approve' and 'Reject' buttons. The second notification is 'FYI: Movement Request 5554350 Approved' by Olivia Quinn, with a 'Dismiss' button. Both notifications are timestamped '9 hours ago'.

Impact Analysis

Impact Level **MED**

Need to Enable **YES**

Configuration **YES**

Quick Win **NO**

Business Benefit: Configuring the approvals for notifications can help in achieving company's processes, audit requirement.

SEND UNRESERVED DEMAND TO AN EXTERNAL WMS OR 3PL

Details

- Today's fast-paced business requires sending orders to an external 3PL provider or WMS before sufficient on-hand quantities are available. This can efficiently cross dock materials using 3PL or WMS capabilities to fulfill the outstanding orders.
- Users can now send unreserved shipment lines to external execution system through an integration with any 3PL or WMS partner.

Manage Shipping Parameters ⓘ

Inventory Organization M1 [Change Organization](#) [Save](#) [Save and Close](#) [Cancel](#)

General

Shipment Creation Criteria: Within an order ▼

Appending Limit: Do not append ▼

Packing Unit Capacity Method: Quantity ▼

Ship Confirm Rule: Auto Ship ▼

Weight UOM Class: Weight ▼

Volume UOM Class: Volume ▼

Currency: ▼

Inventory Interface Batch Size:

Shipment Set Behavior: Information ▼

Packing Slip Document Sequence Category: ▼

Bill of Lading Document Sequence Category: ▼

Commercial Invoice Document Sequence Category: ▼

☐ Automatically pack

☒ Consolidate backordered lines

☐ Enforce packing

☐ Enforce shipping method

☐ Allow future ship date

☐ Defer sending inventory updates to integrated applications

☐ Enable carrier manifesting

☐ Defer online processing of inventory updates

☐ Publish transactional events

☐ Enable substitution for external system integrations

Required on Packing Slip: ☐ All

☐ Packing slip status

☐ Shipment description

☐ Transportation reason

☐ Enable quick ship

Subinventory for Quick Ship: ▼

Locator for Quick Ship:

Shipping Tolerance Behavior: Under tolerance ▼

Reservation Behavior for Integration to External Systems: All lines without creating reservation ▼

Impact Analysis

Impact Level **MED**

Need to Enable **NO**

Configuration **YES**

Quick Win **NO**

Business Benefit: Provides greater flexibility in selecting which shipment lines to be sent to external execution system, allowing to benefit from their cross docking capabilities.

USE TRANSACTION DATE AS THE EXPENDITURE ITEM DATE FOR PURCHASE ORDER RECEIPTS

Details

- The expenditure item date plays an important role in Project Driven Supply Chain’s Accounting Flow. Prior, PO receipts used the date captured on the PO as expenditure item date. This can lead to inaccurate accounting picture for items having longer lead times.
- The new update will consider the transaction date to Oracle Cost Accounting and Receipt accounting as an expenditure item date for Project driven supply chain transactions.

PO Lines with Expenditure Item Date as : 7/20/22

Purchase Order: 1005386

View PDFActionsRefresh

Main

General

LinesSchedulesDistributions

ActionsViewFormatFreezeDetachWrap

Line	Item	Description	Quantity	UOM	Price	Ordered	Status	Project Number	Task Number	Expenditure Item Date
1	RCV-100	Plain Item	100	Each	10.00	1,000.00	Open	PJC_CrossCharge_2.1		7/20/22

Receipt Lines with Transaction Date : 6/27/22

Receive Lines

Organization: V1

Add to ReceiptCreate Receipt

ActionsViewRemove LineShow Receipt QuantityView Details

Item	Item Description	Revision	Document Type	Document Number	Document Line	Document Schedule	Charge Account	Project Details	* Receipt Date	Supplier Item
								Project NumberTask Number		
RCV-100	Plain Item		Purchase order	1005386	1	1	01-000-1410-0000- PJC_CrossChar...	2.1	6/27/22 6:10	

Cost Accounting line’s expenditure item date as: 6/27/22

Review Completed Transactions

Done

Search

Search Results

ActionsView

Transaction	Item	Revision	Item Description	Project	Task	Country of Origin	Subinventory	Locator	Project Details
				Project Number	Task Number				Project NumberTask Number
24091188	RCV-100		Plain Item	PJC_CrossCharge_2.1			Stores		PJC_CrossChar...2.1

Project Details

Project NumberPJC_CrossCharge_Flow

Task Number2.1

Expenditure Item Date6/27/22

Expenditure TypeCartridges

Expenditure OrganizationVision Operations

Contract Number

Funding Source

Impact Analysis

Impact Level

MED

Need to Enable

YES

Configuration

YES

Quick Win

NO

Business Benefit: Ensures an accurate expenditure item date is used for PO receipts in the Project-Driven Supply Chain Process.

EXPENSE SCRAP AND USE ACCUMULATED WIP BALANCES WITH THE PERIODIC AVERAGE COST METHOD

Details

- Users will now be able to expense scrap for manufacturing transactions and use the accumulated work in process balances for provisional completion even with Periodic Average Cost Method
- Additionally, users can now use the Resource Absorption Details report to check whether the period resource expenses are absorbed.

Create Cost Profile ⓘ

Save and CloseSave and Create AnotherCancel

* Cost Profile SetCommon Set

* Cost ProfileDEMO-PAC

DescriptionPeriodic Average Cost Method CP

Additional Information ⓘ

AttachmentsNone

Accounting

* Cost MethodPeriodic average

Process Negative QuantityAlways

Quantity Depletion MethodNot Applicable

Account Intravaluation Unit Transfers☒

Valuation Rules

* Valuation Structure CodeZCST-Inv-Org-Asset

Valuation Structure TypeAsset

* Cost ByPrimary UOM

Work Order Valuation Rules

* Provisional CompletionsValue using accumulated work in process balances

* Operation Scrap ValuationValue immediately and at work order close

* Provisional Completions for Process ManufacturingValue using accumulated work in process balances

* Operation Scrap AccountingExpense

Impact Analysis	
Impact Level	MED
Need to Enable	YES
Configuration	YES
Quick Win	NO

Business Benefit: This feature will help to cost the work orders with actual work in process balances for Work orders that span across periods, rather than an estimated amount.

USE ENHANCED PERIOD INVENTORY VALUATION AND GROSS MARGIN REPORTING

Details

- Previous reporting architecture for inventory valuation and gross margin is replaced with a new set of improved reporting tools. . Improvements include updated processing logic for accounting intravaluation unit transfers, match cost dates with accounting dates and handling negative inventory.
- Some of the new functional capabilities include:
 - Enhanced analytical infolets for Asset and consigned inventory valuation.
 - Redesigned inventory valuation page for streamlined reporting and reconciliation.
 - Quickly review items by leveraging filters and exporting data to spreadsheets
 - Intuitively understand mismatch between costed values and accounted values in costing subledger at all levels.
 - All inventory valuation and gross margin pages, reports and OTBI and BICC extracts now work on the more performant cost reports processor data model.
 - The Cost Reports Processor can be run as a part of the Create Cost Accounting Distributions process.

Note:

- This Opt in feature will become standard in 23B onwards. All existing reporting objects and view of item costs, inventory valuation and gross margin will be removed. Users are advised to transition to this feature by update 23A to avoid any change management issues.

Impact Analysis	
Impact Level	MED
Need to Enable	YES
Configuration	YES
Quick Win	NO

USE ENHANCED PERIOD INVENTORY VALUATION AND GROSS MARGIN REPORTING

Details

- List of Reporting Objects that will be deprecated starting 23B and the new equivalent reports will replace them are included in the table

Deprecated Reporting Objects (from 23B)	Type	New Equivalent Reporting Object (available from)
Review Inventory Valuation	UI	Review Inventory Valuation (22D)
Inventory Valuation Report	BIP	Period Inventory Valuation Report (20D& 22D)
Layer Inventory Valuation Report	BIP	Period Layer Inventory Valuation (21C)
In-Transit Valuation Report	BIP	Period In-Transit Valuation Report (21C)
Inventory Valuation Real Time	OTBI	Period Inventory Valuation Real Time (22B)
In-Transit Valuation Real Time	OTBI	Period In-Transit Valuation Real Time (22D)
COGS and Gross Margin Details Real Time	OTBI	New COGS and Gross Margin Details Real Time (21C)
Costing Balances Report	OTBI	
Item Cost Real Time	OTBI	<ul style="list-style-type: none">Perpetual Average Item Cost (22D)Transaction Cost (22D)Item Standard Cost (22D)Periodic Average Cost (22D)

Impact Analysis

Impact Level

MED

Need to Enable

YES

Configuration

YES

Quick Win

NO

USE ENHANCED PERIOD INVENTORY VALUATION AND GROSS MARGIN REPORTING

Details

- List of deprecated tables/views and the new tables/views they are replaced with:

Deprecated View (from 23B)	Deprecated Base View (from 23B)	New Replacement Table
CST_ACCTD_ATTR_VALUES_V	CST_B_ACCTD_ATTR_VALUES_V	CST_ATTR_ONHAND_VALUATIONS
CST_ACCTD_VU_VALUES_V	CST_B_ACCTD_VU_VALUES_V	CST_VU_ONHAND_VALUATIONS
CST_COSTED_ATTR_COSTS_V	CST_B_COSTED_ATTR_COSTS_V	CST_ATTR_ONHAND_DETAILS
CST_COSTED_ATTR_ONHAND_V	CST_B_COSTED_ATTR_ONHAND_V	CST_ATTR_ONHAND_VALUATIONS
CST_COSTED_DEL_ATTR_ONHAND_V	CST_B_COSTED_DEL_ATTR_ONHAND_V	CST_DEL_ONHAND_VALUATIONS
CST_COSTED_DEL_COSTS_V	CST_B_COSTED_DEL_COSTS_V	CST_DEL_ONHAND_DETAILS
CST_COSTED_INTR_TXN_COSTS_V	CST_B_COSTED_INTR_TXN_COSTS_V	CST_INTR_ONHAND_DETAILS
CST_COSTED_INTR_TXN_ONHAND_V	CST_B_COSTED_INTR_TXN_ONHAND_V	CST_INTR_ONHAND_VALUATIONS
CST_COSTED_VU_COSTS_V	CST_B_COSTED_VU_COSTS_V	CST_VU_ONHAND_VALUATIONS
CST_COSTED_VU_ONHAND_V	CST_B_COSTED_VU_ONHAND_V	CST_VU_ONHAND_VALUATIONS
CST_GROSS_MARGIN_DETAILS_V	CST_B_GROSS_MARGIN_DETAILS_V	CST_GROSS_MARGIN_DETAILS

Impact Analysis

Impact Level

MED

Need to Enable

YES

Configuration

YES

Quick Win

NO

<https://www.oracle.com/webfolder/technetwork/tutorials/tutorial/cloud/r13/wn/inv/releases/22D/22D-inventory-wn.htm#F24889>

USE TRANSACTIONAL UOM FOR DESCRIPTION BASED PURCHASE ORDER IN GLOBAL PROCUREMENT

- Details**
- User now has a freedom to include the intercompany payables and receivables transactions using transactional UOM and quantity for description based intercompany purchase order.

Manage Supply Chain Financial Orchestration System Options ?

Item Validation Organization

V1

Organization Name

Vision Operations

☒ Consider service item for descriptive global purchase order processing

Service Item

RR_RP_Item24

Service Item Description

RR_RP_Item24

* Maximum Number of Records per Batch

21

☒ Separate primary and financial route

☐ Calculate tax for trade receipt accrual

☐ Ignore bill only flows

☐ Process referenced RMA without forward flow as unreferenced

Impact Analysis	
Impact Level	MED
Need to Enable	NO
Configuration	YES
Quick Win	NO

Business Benefit: Descriptive service item PO's can now be used in financial orchestration instead of defining them as a service item in the system



Closing Q&A

CLOSING NOTE

1. What happens next?
 1. Presentation
 2. Session Recording
2. Speak with your CES Support Manager or CES Service Manager
 1. for additional services around quarterly updates
 2. Learn more about Innovation
3. Next Sessions ?

Workforce Management & Global Payroll	 12-Oct-2022	 60 minutes
	 4:30 PM GMT 5:30 PM CEST 11:30 AM EST	
Project Portfolio Management (PPM)	 13-Oct-2022	 60 minutes
	 3:00 PM GMT 4:00 PM CEST 10:00 AM EST	

MASTEK

is here to
help you!

THANK YOU



This presentation contains information that may be privileged or confidential and is the property of Mastek.

Copyright © 2022 Mastek. All rights reserved.