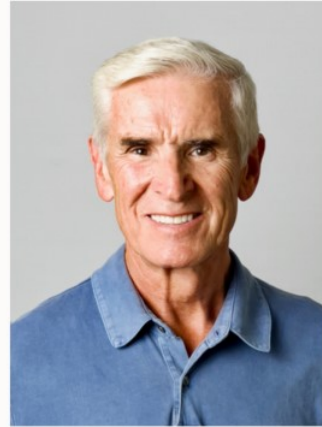


Oracle Supply Chain & Manufacturing Cloud

Update 24A Spotlight

Jon Chorley
CSO & SVP, SCM Product Strategy
Cloud Applications



Hello, I am Jon Chorley, CSO and Senior Vice President of Oracle Supply Chain & Manufacturing Product Strategy, and in this spotlight I'll highlight a few of the new capabilities in update 24A.

Oracle Supply Chain & Manufacturing Cloud | Update 24A

Supply Chain Planning
Inventory Management
Manufacturing
Maintenance
Order Management
Procurement
Logistics
Product Lifecycle Management
Blockchain & IOT Intelligent Applications

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We will view this Update in the following areas.

Oracle Supply Chain & Manufacturing Cloud | Update 24A

➔ Supply Chain Planning

Inventory Management

Manufacturing

Maintenance

Order Management

Procurement

Logistics

Product Lifecycle Management

Blockchain & IOT Intelligent Applications

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First up, Supply Chain Planning

Supply Planning – Backlog Management

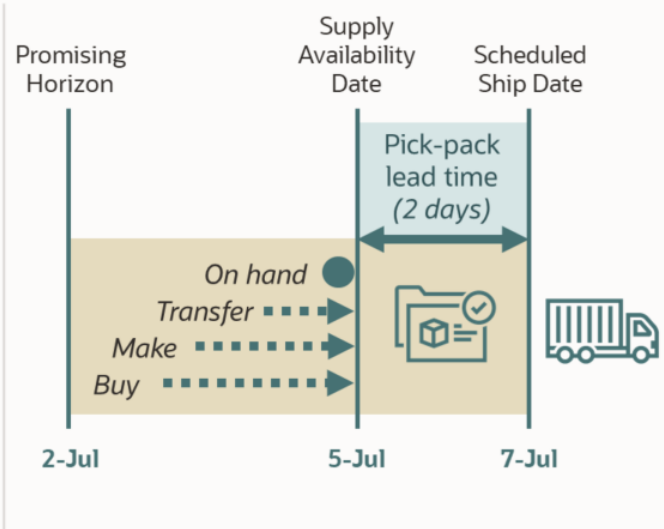
Manage pick-pack and other warehouse processing time constraints

Promise shipment and delivery dates more accurately by adding the time needed to:

- Pick and pack items
- Arrange outbound transportation
- Generate customs documentation
- Apply customer-specific labels
- Perform any other post-processing on outbound shipments

Adjust outbound lead times by any combination of ship-from, ship-to, and carrier

Note that backlog management will not support pick-pack lead time for CTO and shipment/arrival sets in the initial release.



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Even if items are available at your ship-from location, your logistics team may need additional time to pick and prepare items for shipment. You can now include this extra lead time for packaging and labeling, transportation arrangement, document generation and other tasks when you schedule sales orders in global order promising and backlog management.

You can this this “pick-pack lead time” by any combination of ship-from, ship-to, and carrier.

Supply Planning – Production Scheduling

Schedule planned make orders from Supply Planning

Concurrently schedule planned and actual production

- Create a tactical plan at daily or more aggregate granularity in supply planning
- Schedule the planned orders in Production Scheduling taking into account detailed scheduling constraints such as sequence dependent setups
- Consider the unreleased orders in the next cycle for tactical supply planning
- Release the planned orders to manufacturing cloud from either Production Scheduling or Supply Planning

The screenshot shows the SAP Supply Planning and Production Scheduling interface. At the top, there are fields for 'Scope' including Organization (MI), Item Category (SAPS_CHRP_CAT), and Item Category (SAPS_FINALHIGHCHP). Below these are fields for 'Schedule Horizon in Days' (14) and 'Days of Past Due Demands to Include' (7). A checkbox 'Schedule only maintenance work orders' is present. The 'Supply Planning' section has a checkbox 'Include unreleased planned orders from supply planning' which is checked. Below this is a 'Plan Name' dropdown (CHP - Supply Plan A) and a 'Last Run Date' (9/20/23 2:05 PM). A callout box points to the 'Supply Planning' section with the text 'Production Schedule: Include planned orders from supply planning'. The 'Demand Schedules' section shows a table with columns for 'Type', 'Description', 'Demand Schedule', 'Forecast Accuracy Measure', 'Measure Levels', 'Ship-to Consumption Level', and 'Include Production Scheduling Results in Next Plan Run'. A callout box points to the 'Include Production Scheduling Results in Next Plan Run' column with the text 'Supply Plan: Include scheduled orders'. The interface also includes tabs for 'General', 'Forecast Allocation and Consumption', 'Organizations and Schedules', and 'Constraints and Decision Rules'.

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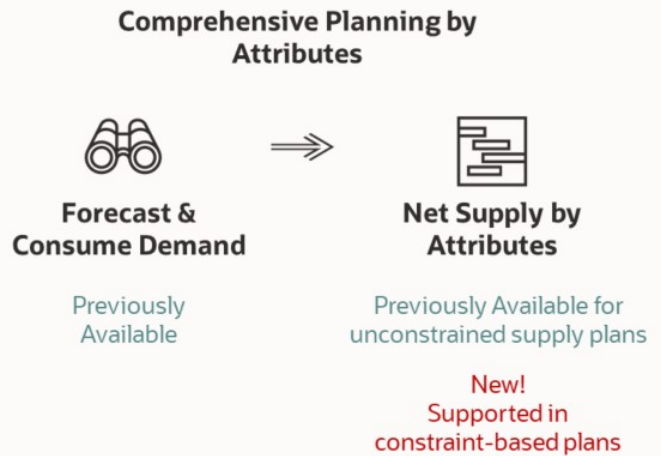
Update 24A provides concurrent manufacturing planning by synchronizing supply plan and the detailed scheduling. The supply planning process and the production scheduling process are now integrated so that the planned make orders from supply planning are included in the production scheduling process prior to release for execution. After the detailed schedule is generated, schedulers and planners can release the orders directly from the production scheduling process or incorporate these in the tactical supply planning process.

Supply Planning – Constraint-based Planning

Support attributes-based planning

Respect material, resource and lead time constraints while simultaneously honoring user defined attribute defined netting rules.

- Consider netting rules at your enterprise such as country of origin, Projects & tasks or other supply and demand attributes that determine which supply can be used to satisfy demand
- Simultaneously, automate the search for alternatives such as alternate supply sources, alternate components, alternate resources when there are constraints such as material, capacity or lead time preventing fulfillment of demand on time



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Flexibly planning your supply chain, considering many layers of constraints and attribute matching rules increases your ability to plan accurately and increase fulfillment metrics. This feature previously available only in unconstrained plans, is now available in the constrained planning mode as well that allows the system to automatically select alternate sources, resources, substitute components and end items when there are material, capacity or lead time issues to meet demand on time.

Demand Management

Plan at flexible levels for the customer dimension

Improving performance and efficiency of demand plan analysis by planning at the aggregate level on the customer hierarchy:

- The plan data volume will be reduced as lowest level customer site data is aggregated to higher level and loaded into plan
- Applicable for both pre-defined and user-defined customer hierarchies
- A new task “Manage Planning Level Profile” available to define the required aggregation levels

The screenshot shows a software interface titled "DM FPL1 PLAN" with a sub-tab "FPL Forecast Analysis". It displays a table with columns for Item, Customer, Customer Site, Measure, Month, and forecast data for July, August, September, October, and November 2029. A callout box labeled "Customer sites aggregated" points to the "Customer Site" column for the Benson Construction customer.

Item	Customer	Customer Site	Measure	Month	July 2029	August 2029	September 2029	October 2029	November 2029
HL-LAP1AB-8GB	Benson Construction	--Benson Construction	Shipments History		1,240	1,240	1,200	1,240	1,200
			Shipments Forecast						
			Adjusted Shipments Forecast						
			Final Shipments Forecast						
KB-300CB-ALLOY	ABC AGENCY NETWORK INC	--ABC AGENCY NETWORK INC	Shipments History		14,063				
			Shipments Forecast						
			Adjusted Shipments Forecast						
			Final Shipments Forecast						
KB-300CB-B-OUTER	ABC AGENCY NETWORK INC	--ABC AGENCY NETWORK INC	Shipments History		14,063				
			Shipments Forecast						
			Adjusted Shipments Forecast						
			Final Shipments Forecast						

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It may be desirable for your enterprise to plan at an aggregate level of the hierarchy for customers instead of at the lowest level of customer site. You can now configure the level at which a named demand plan aggregates information, such as historical sales data, and stores the forecast and other data for that plan, This will improve plan performance by storing the data at the required level of aggregation rather than at a very detailed customer site level which may not be necessary for the demand management process.

Oracle Supply Chain & Manufacturing Cloud | Update 24A

Supply Chain Planning

➔ **Inventory Management (inc. Cost Management)**

Manufacturing

Maintenance

Order Management

Procurement

Logistics

Product Lifecycle Management

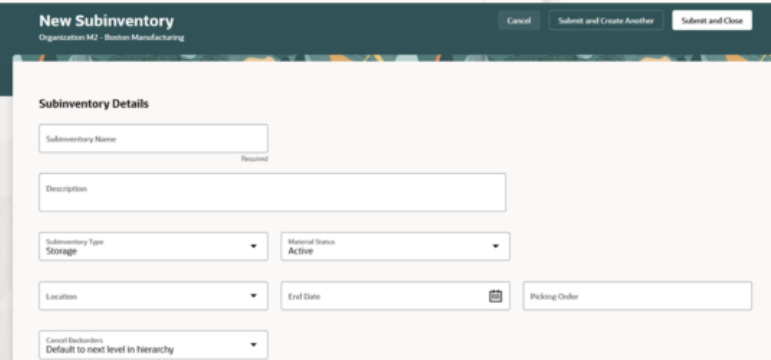
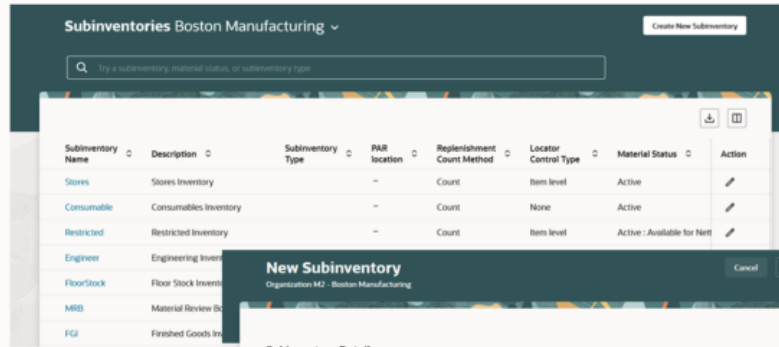
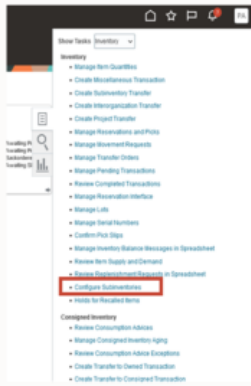
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Now Inventory – including Cost Management

Enhanced User Experience for Subinventory and Locator Setup and Maintenance



- Subinventory setup and maintenance now available from task menu and functional setup manager
- Flexible search
- Modern user experience

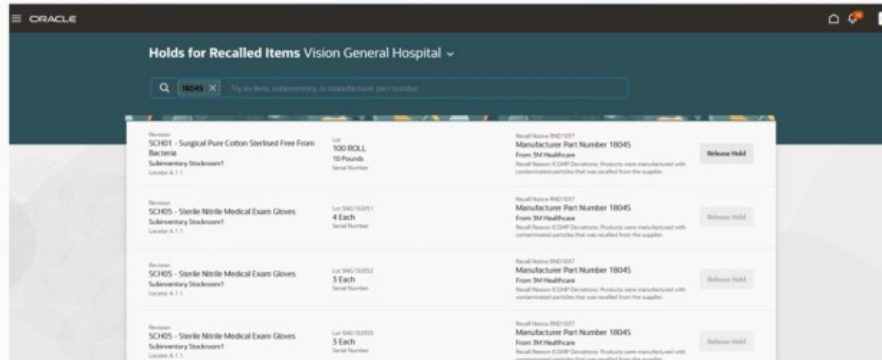
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This feature delivers services and core application enhancements to support integrations of work order picking requests to an external execution system or Oracle Fusion Cloud Warehouse Management (WMS). Once implemented, you can reserve, pick, move, and issue goods from a warehouse using an external warehouse management system or Oracle WMS to a supply subinventory, or directly to a work order based on material picking requests generated in Oracle Fusion Cloud Manufacturing or Oracle Fusion Cloud Maintenance.

Contain Goods Under Recall

- Automatically restrict recalled goods from being used in transactions
- Manually release plain items for use in emergency cases before the recall count is completed
- Holds are created using a new “Recall” movement request type and the Restrict On-hand for Recall transaction type
- Existing reservations are not affected – only available items are automatically restricted



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Good under Recall for quality or other reasons often require to be restricted or “contained” from inventory processes – such as picking. This feature allows you to automatically restrict these recalled goods from such transactions though the use of a “Recall” movement request. . If required, You may manually release items for emergency use Existing reservations are not affected – only available items are automatically restricted

Budgetary Control for Project Based Inventory and Work Order Purchases

Cost Management

- Gain visibility into project purchase commitments
- Proactively control project spending across the entire procure-to-pay transaction lifecycle
- Streamline the financial close process with encumbrance carry forward

Requisition: 355

Check Funds View Life Cycle Actions Done

Requisitioning BU: Vision City Operations Creation Date: 8/9/23 Requisition Amount: 40.00 USD
 Entered By: Sharmistha Roy Status: Approved Approval Amount: 40.00 USD
 Description: Requisition for Non Sponsored Project With Burden Enabled. Justification: Funds Status: Reserved
 Attachments: None

Requisition Lines

Actions View View Format Freeze Detach Wrap

Line	Item	Description	Category Name	Quantity	UOM	Price	Amount (USD)	Status	Funds Status
1	BCEA Item04	BCEA Item04 Description	Miscellaneous_1	1	Each	40.00 USD	40.00	Approved	Reserved

Rows Selected 1 Columns Hidden 14

Line 1: Details

Requester: Sharmistha Roy Destination Type: Inventory
 Requested Delivery Date: 8/10/23 Subinventory:
 Deliver-to Location Type: Internal Buyer: Maricela Siefert
 Deliver-to Location: VC - Vision City Suggested Supplier: CV_SuppA01
 Supplier Item:
 Agreement: 13 (Vision City Operations)
 Agreement Line: 4

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You may Check for funds availability, reserve funds against control budgets, and account for encumbrances, if applicable, when procuring material to an inventory destination for sponsored or non-sponsored projects. This capability is also available when procuring material directly to a work order destination from a project-specific manufacturing or maintenance work order.

This capability allows you to proactively track project spending and gain visibility into purchase commitments thereby improving spend visibility and avoiding excess spending without due authorization.

Include Material Overheads in Maintenance Expense Cost Management

Overview Manage Cost Scenarios Create Cost Scenario Manage Accounting Overhead Rules

Manage Accounting Overhead Rules Create Rule Revisions In

Accounting Overhead Rules Standard Cost Overhead Absorption Rules

Search Advanced Saved

Cost Organization Equals Expense Pool Equals Rule Name Equals Cost Book Equals Expense Pool Equals

Search Results

Actions View Format Freeze Detach Wrap

Rule				Set Conditions				Set Actions				
Rule Name	Cost Organization	Cost Book	Periodic Average Cost	Expense Pool	Cost Element	Transaction Group	Transaction Type	Transaction Flow	Category Name	Cost Basis	Based On	Absorption Type
24A-TEST	ZCST-Vision Ops	ZCST-Vision Ops	No	OSP-EP	OML Overhead	Work order inventory...	Work in Process M...	Issue		Unit		Include in work order

Columns Hidden 3 Columns Frozen 6

Rule Revisions

Actions View Freeze Detach

Revision Number	Start Date	End Date	Rate
1	11/29/23	m/9/24	2.00000

- Determine your comprehensive asset costs by including material overheads in maintenance work order costs

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With this update, material overheads are included in maintenance work order costs. Prior to this release, the material overheads were expensed rather than included within work order costs that resulted in under reporting total asset costs.

Flexibly Include This Level Material and Resource Overheads in Computing Plant Overhead Costs

Cost Management

- Include or exclude current level component overheads in plant overheads
- New Absorption types include:
 - Percentage of total cost **excluding** overheads at **this** level
 - Percentage of total cost **including** overheads at **all** levels

Overview Manage Cost Scenarios × Create Cost Scenario × Manage Overhead Rates × Create Overhead Rate ×

Create Overhead Rate

Scenario: 24a-this-level

Overhead Rate Type: Plant overhead

Cost Organization: ZCST-Vision Ops

Currency: US Dollar

Cost Book: ZCST-Vision Ops

Effective Start Date: 11/2/23

Plant: Vision Operations

Effective End Date:

Status: In process

Attachments: None

Plant Overheads

Item Category:

Item:

Details

Cost Element	Cost Element Type	Expense Pool	Absorption Type	Rate (%)	Value (USD)
			Fixed		
			Percentage		
			Percentage or material cost at all levels		
			Percentage of total cost excluding overheads at this level		
			Percentage of total cost including overheads at all levels		

Percentage of total cost options

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If you use standard cost method for valuing inventory, you can setup plant overheads using a new absorption type. These new absorption types allows you to either include or exclude overhead costs of current level components (aka this level). This flexibility ensures that the overhead values are appropriately absorbed in product costs given your specific business scenario. In the Manage Overhead Rates page, you can specify the absorption type for plant level overheads, at item category or at item level. When you perform cost rollup, the product cost gets calculated, after including the overheads, as specified in the overhead rates setup.

Oracle Supply Chain & Manufacturing Cloud | Update 24A

Supply Chain Planning
Inventory Management

➔ **Manufacturing**

Maintenance
Order Management
Procurement
Logistics
Product Lifecycle Management
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Now on to Manufacturing

Find Number and Suggested Operation Sequence

Support duplicate components and quicker operation assignment

Add a component multiple times at the same level in an item structure

- Use Find Number as a grouping mechanism in the item structure (e.g., location in the product)
- Maintain distinct material requirements based on Find Number in work definition operations

Suggest the operation for component assignment in a discrete or process manufacturing work definition

- Assign a component to multiple operations in a work definition without splitting the component quantity
- Apply to standard item work definitions

Item Structure					
	Item Seq	Item	Find Number	Sug Op Seq	Quantity
	10	C1	1	10	7
	20	C1	2	10	3
	30	C2	3	20	5

Work Definition					
	Material Seq	Item	Find Number	Op Seq	Quantity
	10	C1	1	10	7
	10	C1	2	10	3
	10	C2	3	20	5

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Previously, modeling a duplicate component required manual coordination to split the component quantity across multiple operations and later to synchronize quantity changes for the component. Now you can view the find number that uniquely identifies a specific instance of a component in a standard item structure and its suggested operation sequence to facilitate the component assignment to a work definition operation. For example, a desktop computer is built with a left speaker and right speaker. With find number and suggested operation sequence, you can streamline the coordination between product development and manufacturing engineering, model the material requirements for production more accurately, and complete work definitions more quickly for use in planning, production, and costing.

Electronic Production Record (EPR)

Automatic creation of EPR to track item's manufacturing and quality history

Paperless, electronic system that captures all information associated with the production of a product and facilitates production processes.

- ✓ Everything in one place
- ✓ Streamlined processes
- ✓ Fewer quality compliance risks



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Signed Electronic Record

- Raw materials
- Equipment and qualification status
- Work order execution details including operators, equipment, and instructions
- Lot/serial genealogy
- Inspection and quality data
- Labeling information
- ERES signature history

Manufacturers in all industries are increasingly required for regulatory or traceability purposes, to provide the manufacturing acceptance records for their products in a digital format that's easily accessible. With the electronic production record, you can generate such a document that summarizes the complete work order and quality history of a product in a single, auditable record, including the product information as planned and manufactured, lot and serial information, and corresponding quality data. Creating an electronic production record swiftly facilitates a more efficient and streamlined method of collating essential work order information, enhancing the process of compliance documentation of product conformance, and ensuring accurate audit trails and complete traceability.

Oracle Supply Chain & Manufacturing Cloud | Update 24A

- Supply Chain Planning
- Inventory Management
- Manufacturing

➔ **Maintenance (inc. Field Service Logistics)**

- Order Management
- Procurement
- Logistics
- Product Lifecycle Management
- Blockchain & IOT Intelligent Applications

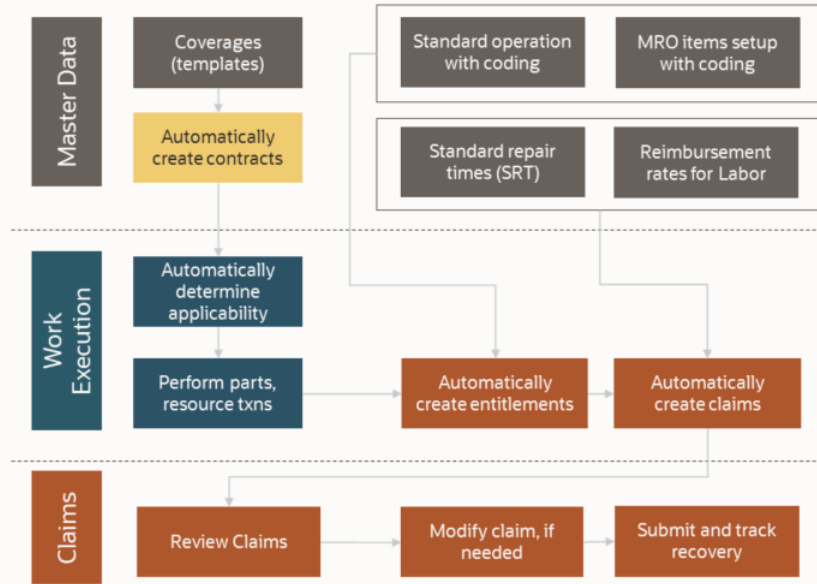
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Now on to Maintenance

Supplier Warranty Claims

- Manage supplier warranty on assets from contract initiation to claims
- Recover costs incurred performing warranty repairs
- Provide visibility to warranties during work execution
- Automatically create claims for covered expenses
- With the new claims redwood page, review and optionally include / exclude entitlements before submission



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With the robust supplier warranty capability in Cloud Maintenance you can efficiently manage your warranty entitlements to maximize savings. When you execute warranty work, entitlements for covered expenses are automatically determined and added to a claim. The entitlements process also applies appropriate standard repair times (SRT) and labor rates to determine reimbursable amount, if applicable. You can now use the new Claims UI to review and quickly process warranty entitlements and track recovery.

Manage Preventive Maintenance Programs for Assets Across Organizations

- Centrally manage maintenance programs for assets across operating organizations with a single common definition
- Track preventive maintenance service history even when assets are transferred across operating organizations

Oracle Maintenance Program: ALM_ACROSS_ORGS_10110228: Overview

Name: ALM_ACROSS_ORGS_10110228
Code: ALM_ACROSS_ORGS_10110228
Concurrent Requirements: Suppress Merge
Start Date: 10/10/23
End Date: indefinite
Program Type: Maintenance
Program Subtype: Prog Sub Type1M
 Allow assets from other organizations
Program Reference:
Forecast Window in Days: 90
Work Order Window in Days: 45
Work Order Start Time:
Work Order Time Zone: UTC
Attachments: None
Description: Maintenance Program - Test for assets across organizations

Released Work Orders: 0
Unreleased Work Orders: 0
Last Maintenance Program Update: 10/10/23
Last Forecasted On:
Work Requirements: 1
Affected Assets: 12

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Maintenance programs are used to define and generate a periodic preventative maintenance forecast for one or more affected assets in a maintenance-enabled organization. In this update, you can now manage maintenance programs centrally in any organization that would enable assets across different operating organizations to be included in the forecast. When assets move between organizations either temporarily or permanently, you can now determine when and where an asset will be maintained thereby keeping the asset service history in consideration for future forecasts.

You can additionally use new attributes such as forecast window days, work order window days, work order status, work order priority, work order start time etc. to better manage your preventive maintenance plans.

Oracle Supply Chain & Manufacturing Cloud | Update 24A

- Supply Chain Planning
- Inventory Management
- Manufacturing
- Maintenance

Order Management

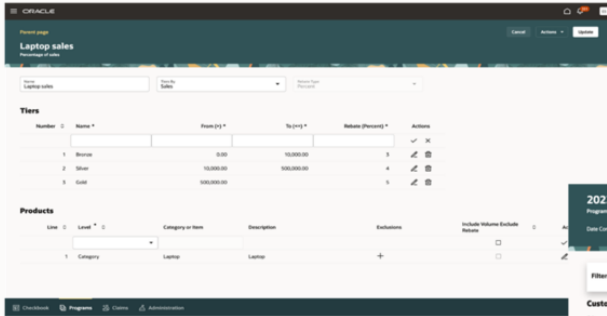
- Procurement
- Logistics
- Product Lifecycle Management
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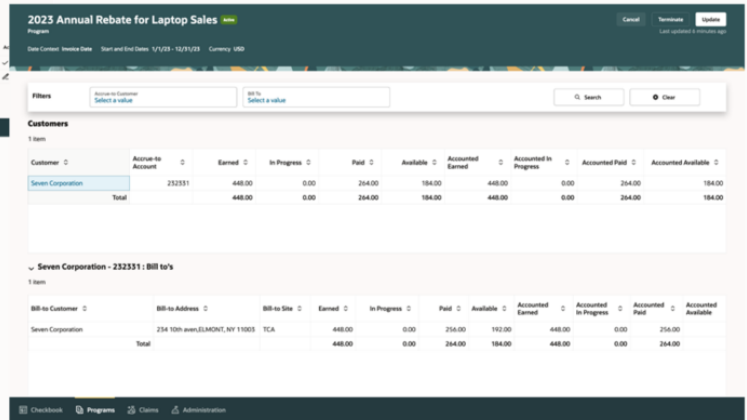


Now Order Management

Customer Annual Volume Programs



- Streamlines and automates tracking and payment of annual rebate processes
- Improves operational visibility to how channel customers utilize your annual rebate programs
- Improves financial visibility to annual rebate liabilities



- Accrue rebates based on cumulative sales volumes that span the effective date of the program
- Define percentage rebates based on sales value attainment tiers or you can define amount per unit rebates based on sold quantity attainment tiers
- Support for retrospective calculations
- Define product eligibility by item, category, or for all items, and exclusions by item or category

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In Channel Revenue Management we continue to expand our investment in customer trade promotion management.

In this release we are introducing customer annual programs. Annual programs are incentive programs that reward trading partners for selling more products. With customer annual programs you can accrue rebates based on cumulative sales volumes that span the effective date of the program. You can define percentage rebates based on sales value attainment tiers or you can define amount per unit rebates based on sold quantity attainment tiers. Retrospective calculations are supported and you can define product eligibility by item, category, or for all items. Product eligibility supports exclusions by item or category. Eligible sales are obtained from sales orders.

Channel Revenue Management streamlines and automates tracking and payment of annual rebate processes, improves operational visibility to how channel customers utilize annual rebate programs and provides financial visibility to annual rebate liabilities.

Workflow Based Program Approvals

The screenshot displays the Oracle CRM interface. On the left, a navigation menu includes 'Me', 'My Team', 'My Client Groups', 'Risk Management', 'Sales', 'Service', 'Help Desk', and 'Order Man...'. Below this are 'QUICK ACTIONS' and 'APPS' sections with icons for Personal Details, Document Records, Identification Info, Directory, Commissions, Journals, and Pay. The main content area shows a notification for 'Customer Program: Rebate for Seven, 10/1/23 - 11/30/23 (USD 950.00)'. A 'Notifications' pop-up window is visible, showing 'ACTION REQUIRED' and 'Customer Program: Rebate for Seven 10/1/23 - 11/30/23 USD 950.00' with an 'Approve' button. The main view shows details for the program, including 'Program Name: Rebate for Seven', 'Invoice Date: 10/1/23 - 11/30/23', and 'Estimated Amount: USD 950.00'. It also lists 'Customer: Seven Corporation' and 'Address: 234 10th Ave, ELMONTE, NY 10523'. A 'History' section shows a table with columns 'Section', 'Stage or Participant', and 'Options'. The table contains one entry: '1 Customer Program Approval Stage' and '1.1 Sydney Mack - Customer Program Approval Serial Participant' assigned on '02/24, 2023 4:37 AM' by 'Partner Kline'. There are also sections for 'Comments' and 'Attachments'.

Good evening, Sydney Mack

Customer Program: Rebate for Seven, 10/1/23 - 11/30/23 (USD 950.00)

Approve Reject Actions

Task Number: 205104
Business Unit: Vision Operations
Comments

Assignment: Sydney Mack
Submitted By: Partner Kline
Owner: Partner Kline

Program Code: CRE05001
Program Type: Customer Rebate
Accounted Estimated Amount: USD 950.00

Customer: Seven Corporation
Address: 234 10th Ave, ELMONTE, NY 10523

Section	Stage or Participant	Options
1	Customer Program Approval Stage	
1.1	Sydney Mack - Customer Program Approval Serial Participant Assigned: 02/24, 2023 4:37 AM By: Partner Kline	

Customer Program A.
Sydney Mack

Name	Updated By	Date Updated
No data to display		

Improve auditability and flexibility by supporting serial, parallel, and hierarchical routing based on estimated program value, requests for additional information, reassignment, escalation, and approval history.

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In Channel Revenue Management we continue to expand our investment in customer trade promotion management.

In this release we are introducing workflow approval for customer programs. You can configure Business Process Management workflow to set up approval rules, and when you submit a customer program for approval, the application routes it to the designated approvers. This allows you to automate the approval of your customer trade programs, and improve auditability by capturing approval history. This release includes support for serial and parallel routing to one or many approvers, escalation rules when someone does respond within a period of time, and facilitates approvers to request additional information, approve or reject programs.

Oracle Supply Chain & Manufacturing Cloud | Update 24A

- Supply Chain Planning
- Inventory Management
- Manufacturing
- Maintenance
- Order Management



Procurement

- Logistics
- Product Lifecycle Management
- Blockchain & IOT Intelligent Applications

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Now Procurement – this is covered in detail in the separate Procurement Spotlight for 24A but in summary ...

Upcoming Procurement Management | Update 24A

- Redwood Self Service Procurement Enhancements
- • Discover New Suppliers Using Generative AI in Sourcing
 - Use generative Artificial Intelligence (AI) to discover suppliers who may or may not be currently registered but possess the capability to provide goods and services for your business.
- Reopen Award Decision After Negotiation Is Completed
 - You can now reopen an awarded and completed negotiation, and change the award decision to pick another supplier even after purchasing documents are created.
- Support Multiple Languages on Questionnaires
 - If you deal with regional or global suppliers who operate in different languages, you may wish to present qualification questionnaires in the supplier's preferred language.

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This update includes:

Redwood Self Service Procurement Enhancements
Discover New Suppliers Using Generative AI in Sourcing
Reopen Award Decision After Negotiation Is Completed
Support Multiple Languages on Questionnaires

Oracle Supply Chain & Manufacturing Cloud | Update 24A

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- Maintenance
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- Procurement



Logistics

- Product Lifecycle Management
- Blockchain & IOT Intelligent Applications

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Now Logistics, which includes OTM, GTM and WMS

OTM: REST-enabled Dock Scheduling APIs

Provides a set of REST-enabled Dock Scheduling actions that can be used by external applications to set and remove appointments.

- Allows for a more collaborative and holistic appointment setting community model to exist
- Designed to support the requirements of the Scheduling Standards Consortium (SSC) which was formed to simplify the integration of systems across the fragmented ecosystem between shippers, carriers and intermediaries



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This feature provides the set of REST services enabled actions that are focused on supporting the evaluation of options and the setting of Dock Appointments by external applications. The provided REST enabled actions were designed to support the requirements of the Scheduling Standards Consortium (SSC) which was formed to simplify the integration of systems between shippers, carriers and intermediaries with the goal of creating a more efficient appointment scheduling process

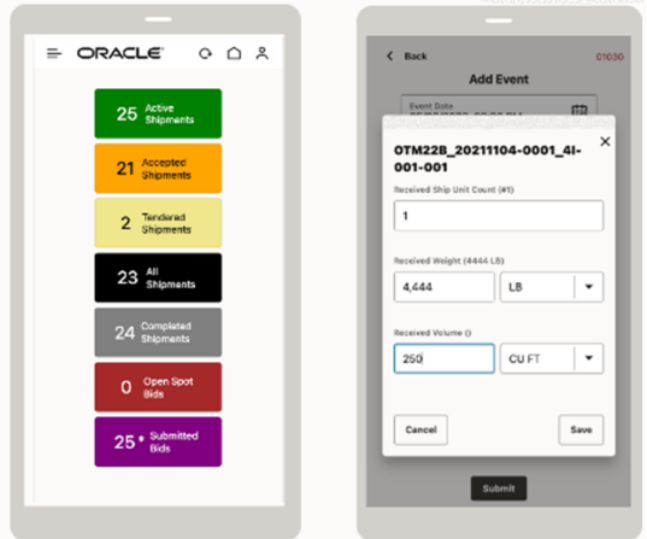
The provided REST enabled Actions include the following:

- Fetch Appointment Locations
- Fetch Appointment Options
- Remove Appointment
- Schedule Full Appointment

OTM: Mobile App Enhancements

Ease of use and customer-requested enhancements:

- Make NFR stop events optional
- Map default zoom and other configuration options
- Allow filter by stop type on Shipment List
- Auto fill of Ship Unit Received Quantities
- Document upload and view at Shipment Stop level
- Include mobile app deep link in tender email
- Support for additional data on Shipment List UI



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In 24A we've continued to enhance the configurability and usability of the OTM mobile app. Some of the 24A mobile enhancements include:

- Giving the option of neither displaying non-freight related (NFR) stops on the app, nor requiring the entry of events at NFR stops. Because drivers often start and end their day at the same location, displaying of these stops is not helpful in the app because it does not indicate, at a glance, where the driver needs to go. Further, it is not desirable to force a departure event from a driver's last stop in order to complete a shipment, as the shipment is typically complete when the driver arrives back at the domicile.
- New controls allow the customer to configure the default zoom level of the map when it is invoked.
- Stop Type filtering on the shipment list allows users to filter on shipments based upon pickup or delivery.
- Auto fill of Ship Unit received quantities eliminates the need for the user to input data if no changes are required.
- Stop-level documents now allows for the collection of POD at each stop on a multi-stop shipment, as well as giving access to other documents that may be stop-specific.
- Deep linking in tender emails allows users to open the mobile app to respond to a shipment tender, directly from an email.
- The Shipment List screen now includes an additional line of data, should the customer need to expose more information to the mobile app user.

Logistics Network Modeling for Fleets

- Extends the Logistics Network Modeling (LNM) capabilities to include creating Modeling Projects and Modeling Scenarios that simulate the creation of Work Assignments.
- Enables the development of Modeling Scenarios using either your operational OTM shipments as input or you can generate Work Assignments as part of your LNM Bulk Plan simulation runs using order releases as input.
- Benefit: Customers can easily evaluate the benefits of different Resource Schedule options. For example, you can increase or decrease the resource counts available, and/or try different resource schedule durations etc.

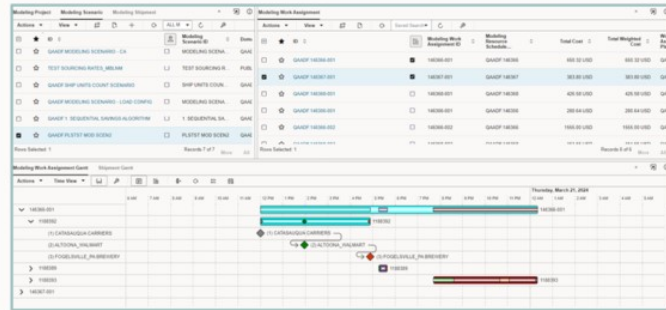
ORACLE 193

Compare Modeling Scenario Plan Result

Scenario Work Assignment Comparison

Modeling Project	LNM WORK ASSIGN	L2M WORK ASSIGN	L2M WORK ASSIGN
Modeling Scenario	RESOURCE COUNT 1	RESOURCE COUNT 2	RESOURCE COUNT 1
Results			
Status	COMPLETED	COMPLETED	COMPLETED
Total Weighted Cost	8,348.87 USD	8,348.87 USD	8,348.87 USD
Total Actual Cost	8,348.87 USD	8,348.87 USD	8,348.87 USD
Total Actual Cost	16,453.37 USD	16,453.37 USD	14,381.86 USD
Shipments Selected	42	42	42
Shipments Assigned	42	42	42
Shipments Rated	11	11	11
Constraint	2,08 D	2,08 D	1,80 D
Total Transit Duration	4,473.52 Hrs	4,473.52 Hrs	4,242.58 Hrs
Metrics			
Available Instances	360	360	360
Used Instances	11	11	11
Average Cost			
Average Transit Duration			
Average Slack Duration			
Average Ship Duration			
Average Resource Utilization	3.08	3.08	3.18
Average Transit to Total Flow Utilization	0.0	0.0	0.0

Top Refresh



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New LNM capabilities for Fleet allow customers to create modeling scenarios for private and dedicated fleets. This will enable customers to evaluate proper sizing of their fleet, the impacts of changing various planning parameters for their fleet (hours of operation, for example), and many other such scenarios.

WMS: Extended Support for Infer UOM from Alternate Item Barcode



Infer UOM from Alternate Item Barcode Scanned for RF Pick Cart



Infer UOM from Alternate Item Barcode in Deferred Cycle Count

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In your warehouse, you would be dealing with the same Item in different UOMs, belonging to the same UOM class. The ability to transact an item in several UOM helps to simplify transactions.

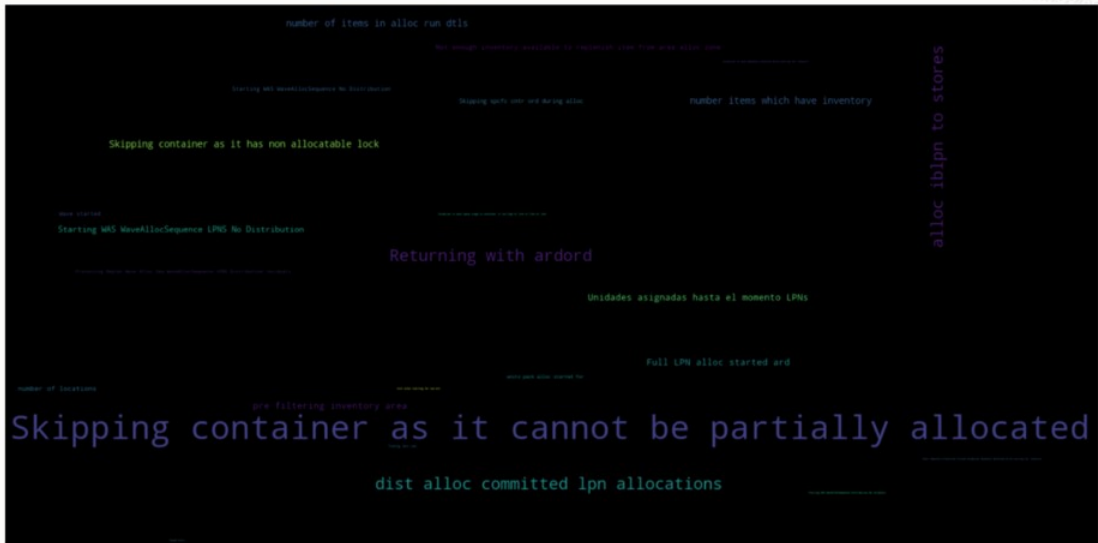
Pick Cart:

WMS now allows you to infer UOM from alternate item barcodes scanned during RF Pick Cart operations. During the Pick Cart operation, if the user scans an item barcode that corresponds to a pack barcode, the user is prompted to enter the quantity in terms of Packs, and similarly for cases. Users do not have to worry about utilizing the hot key or changing the screen depending on whether they are dealing with packs or cases. Even when the allocation UOM is units, application can deduce the UOM based on the barcode scanned. Since the uom quantity is directly derived from the alternate item barcode, this aids in enhancing picking productivity and inventory accuracy at your warehouse.

Deferred Cycle Count:

In addition to supporting cycle count in immediate mode, WMS now allows you to infer UOM from alternate item barcode scanned during Cycle Count in deferred mode. This helps to ensure a faster and accurate cycle counting process, thereby increasing warehouse efficiency and accuracy.

WMS: Visual Wave Diagnostics and Analysis



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Ever wondered about the most frequent issues plaguing your wave runs? It could be that the users are using a wrong wave template or due to insufficient inventory or could be due to an incorrect setup or other similar reasons. Utilizing the new AI/ML powered word cloud graphic output for wave diagnostics, you have the ability to view the frequency of how often you are receiving specific error messages in the Wave Logs UI.

The analysis could be invoked by a new action button called "Word Cloud Analysis" in Wave logs UI. Upon pressing this action button, a PDF is automatically downloaded displaying a word cloud analysis of the Wave Logs. Utilizing this you can fine tune your wave template or your operations to minimize these errors during wave runs.

WMS Mobile App extended capabilities for Receiving

Receiving by Serial Number

The left screenshot shows the 'Scan Serial number' screen with '0 of 3 added'. It features a 'Serial number' input field with a barcode scanner icon and a 'Required' label. Below this, it displays 'Item scanned SUPREMO5200' with an image of a black ring, 'Shipment Number 465464654654654', and 'Quantity 3'. An 'Edit Serials' button is at the bottom.

The right screenshot shows the 'Serial number' screen with '1 of 3 added'. It features a 'Serial number' input field with a barcode scanner icon and a 'Required' label. Below this, it displays 'Last scanned serial number ASYUJ67876KLU-987', 'Attribute A China', 'Expiry date 01/06/2020', 'Quantity 3', and 'Item SKU 12545689999'.

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Receiving by Attribute

The screenshot shows the 'Receiving by Attribute' screen. It displays 'Item SKU 12545689999' at the top. Below this, there are seven attribute fields: 'Attribute A' (Colombia), 'Attribute B' (Blue), 'Attribute C' (Value), 'Attribute D' (Value), 'Attribute E' (Value), 'Attribute F', and 'Attribute G'. Each field has a 'Required' label. A 'Next' button is at the bottom.

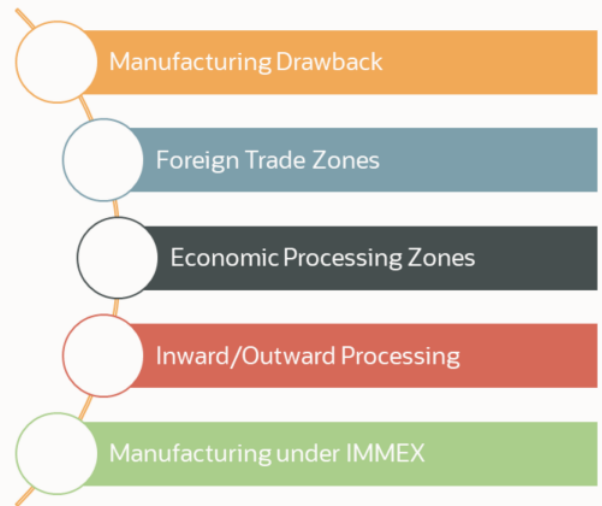
WMS Mobile App is a more intuitive and time-efficient approach to complete inventory transactions in the warehouse than an RF screen. The enhanced Receiving capabilities now allow you to do serialized item receiving by scanning the serial number of the item during receiving. The mobile app receiving screen also displays the scanned serial numbers and gives you the option to delete the scanned serial number and replace it with the right serial number, in case of any discrepancy, thereby assuring inventory accuracy.

For inventory attribute tracked items, you can now capture inventory attributes during receiving using the wms mobile app. Depending on your settings, the attribute field will be greyed out or enabled to prompt for a value.

GTM: Support Manufacturing Trade Incentive Programs

Additional Capabilities

- Matching via Bill of Materials for manufactured goods
- Additional Accounting Methods – LIFO
- Automation Agents for Automating Workflow
- Support programs that use documentation other than customs declarations for managing program



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GTM now supports the ability to configure trade incentive programs. 24A adds the ability to handle new types of programs where manufacturing is an essential part of the program. A few examples are FTZs, Economic Processing Zones, and Manufacturing Duty Drawback. These programs can generate significant savings for you through the deferral or elimination of duty payments.

In the latest release, GTM can now trace the usage of components through their bill of material to the final finished good, matching up import and export documentation, allowing you to manage your own zones, or help prepare the information your brokers need for duty drawback claims.

A number of other enhancements have also been made to trade incentive programs, such as:

- Support for new accounting methods
- Tools for automating workflow
- Broader support for more types of programs

Oracle Supply Chain & Manufacturing Cloud | Update 24A

Supply Chain Planning
Inventory Management
Manufacturing
Maintenance
Order Management
Procurement
Logistics

➔ Product Lifecycle Management
Blockchain & IOT Intelligent Applications

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Now on to PLM

Add Find Number and Suggested Operation Sequence for Structure Components

What Does it Do?

- Add duplicate components to an assembly with two new columns, Find Number & Suggested Operation Sequence.
- Easily identify a specific Find Number instance of an item in a structure & a Suggested Operation sequence for Design Engineer's operation sequence of components in a manufacturing work definition.

Name	Class	Description	Revision	Quantity	Component UOM	Sequence	Lifecycle	User Item Type	Find Number	Suggested Operation Sequence	Start Date
Laptop 2050	Root Item Class	15 inch, touchscreen, black, C	C	1	Each	30	Prototype	Finished Good	1		10/24/22 8:09 AM
Keyboard standard	Root Item Class	AB01	B	1	Each	30	Prototype	Finished Good	1		10/24/22 8:09 AM
Display Screen LCD	Root Item Class	15.6-in. Alpha Full HD (1920x1080)	B	1	Each	30	Prototype	Finished Good	1		10/24/22 8:09 AM
Motherboard Assembly	Root Item Class	16 GB, DDR4	B	1	Each	100	Prototype	Finished Good	1		10/24/22 8:09 AM
MEM0001	Root Item Class	MEM0001	B	1	Each	100	Prototype	Finished Good	1		10/24/22 8:09 AM
MEM0001	Root Item Class	MEM0001	B	1	Each	100	Prototype	Finished Good	2		10/24/22 8:09 AM

Item	Description	Lifecycle Phase	Revision	Quantity	UOM	Item Type	Find Number	Effectivity Control	From
FPCB 2050	Matte Black	Prototype	B	1	Each	Finished Good	1	Date	10/24/22 8:09 PM
FPCB	Matte black	Design	A	2	Each	Finished Good	1	Date	10/24/22 7:01 PM
Laptop FG	Laptop FG	Design	A	1	Each	Finished Good	10	Date	6/15/23 6:35 PM
Laptop FG	Laptop FG	Design	A	1	Each	Finished Good	11	Date	6/15/23 6:35 PM

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Add Find Number and Suggested Operation Sequence for Structure Components
You can now add duplicate components to an assembly. Two new columns, Find Number and Suggested Operation Sequence, have been added for components in item structures. The Find Number identifies a specific instance of an item in a structure, and Suggested Operation Sequence records a design engineer's suggestion for the operation sequence of components in a manufacturing work definition.

Use Predefined Extensible Flexfield Attributes for Maintaining Healthcare Product Data

What Does it Do?

- Innately track and store medical device & medical surgical device manufacturing in GUDID compliance standards.
- Expedite any necessary configuration for the medical device, medical surgical device manufacturing & Healthcare Provider Industries.
- Ease any integrations or communication with the FDA GUDID database and EHR/EMR systems by having an allotted OOTB attribute.

Display Name	Code	Enable	Protected	Behavior	Translatable	Description
Additional Device Identif...	ORA_GUDID_ADDITIONAL_DI	Yes	✓	Single Row	No	Additional GUDID device identifiers.
Commercial Distribution	ORA_GUDID_COMBI_DISTRIB	Yes	✓	Single Row	No	Commercial distribution related GUDID attributes.
Device Status	ORA_GUDID_DEVICE_STATUS	Yes	✓	Single Row	No	GUDID device status attributes.
Direct Marking	ORA_GUDID_DIRECT_MARKING	Yes	✓	Single Row	No	Direct marking related GUDID attributes.
FDA	ORA_GUDID_FDA_ATTRIBUTES	Yes	✓	Multiple Rows	No	GUDID FDA-related attributes.
GMDN Attributes	ORA_GUDID_GMDN	Yes	✓	Multiple Rows	No	GUDID GMDN related attributes.
GUDID Miscellaneous At...	ORA_GUDID_MISCELLANEOUS	Yes	✓	Single Row	No	GUDID sterilization, public record, and other miscellaneous attributes for the device.
GUDID Package Device I...	ORA_GUDID_PACKAGE_DI	Yes	✓	Multiple Rows	No	GUDID package identifier for the device.
GUDID Production Identif...	ORA_GUDID_PRODUCTION_I...	Yes	✓	Single Row	No	GUDID production identifiers for the device.
GUDID Size Attributes	ORA_GUDID_SIZE_ATTRIBUTES	Yes	✓	Multiple Rows	No	GUDID clinical sizing attributes for the device.
GUDID Storage Conditions	ORA_GUDID_STORAGE_CON...	Yes	✓	Multiple Rows	No	GUDID device storage condition related attributes.
Healthcare Additional Ab...	ORA_HC_ADDITIONAL_ATTR...	Yes	✓	Single Row	No	Additional healthcare attributes.
Healthcare GUDID Primary	ORA_HC_GUDID_PRIMARY	Yes	✓	Single Row	No	Primary GUDID attributes.
Healthcare Pricing Attribu...	ORA_HC_PRICING_ATTR	Yes	✓	Single Row	No	Pricing related healthcare attributes.
Healthcare Standardized	ORA_HC_STANDARDIZED_CO...	Yes	✓	Single Row	No	Standardized healthcare codes.
Premarket	ORA_GUDID_PREMARKET	Yes	✓	Multiple Rows	No	GUDID premarket related attributes.

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Use Predefined Extensible Flexfield Attributes for Maintaining Healthcare Product Data
 This feature provides the ability to store healthcare product data using predefined extensible flexfield attributes.
 This feature will ensure that Healthcare product data can be maintained and communicated across systems with agility, speed and accuracy with integrations, and publications to your downstream systems.

Oracle Supply Chain & Manufacturing Cloud | Update 24A

- Supply Chain Planning
- Inventory Management
- Manufacturing
- Maintenance
- Order Management
- Procurement
- Logistics
- Product Lifecycle Management

Blockchain & IOT Intelligent Applications

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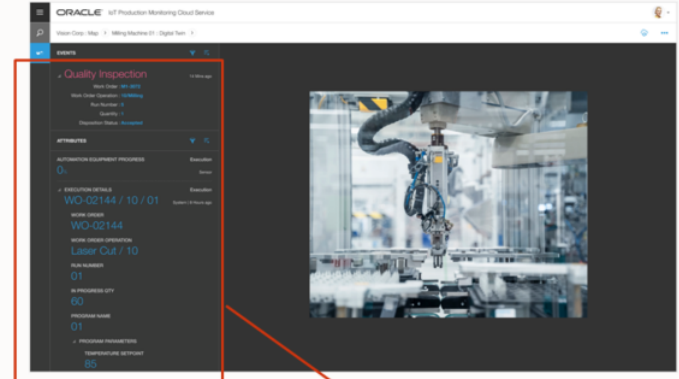


Finally, Blockchain and IOT Intelligent Applications

IoT Intelligent Applications Production Monitoring

Execution of version controlled programs on automation equipment

- Send program parameters and file information to robots and automation equipment using bi-directional IoT signals
- Automatically perform quality inspection and disposition of items
- Automatic completion of operation transactions after work execution



View real-time execution of program, parameters, and quality results

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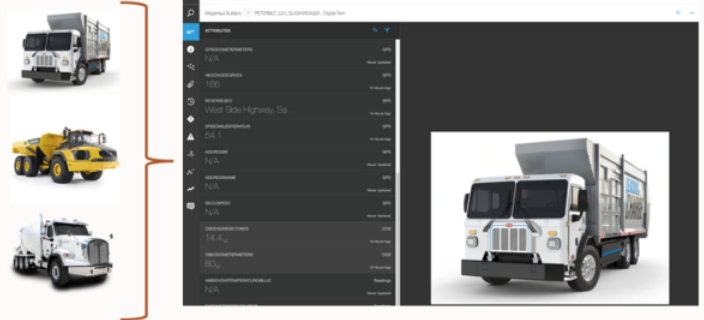


Seamless interaction with robotic equipment to allow for program association, dynamic loading of programs with parameters, control of automation operations, and monitoring of work performed by robots or automation equipment. Elimination of errors during execution caused by manual management of programs run on automation equipment. Real-time monitoring of contextual telemetry and transactional data from robotic and automation equipment to automate business actions that will improve productivity, quality, and compliance.

IoT Intelligent Applications Production Monitoring

AEMP data connector for heavy equipment

- Capture of telematics data conforming to ISO standard (15143-3) for management of construction equipment
- Use of data within IoT Intelligent Applications to understand equipment locations, usage and state
- Data evaluated for auto-generation of service work orders within Oracle Maintenance Cloud



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AEMP (Association of Equipment Management Professionals) connector provides unified access to heavy equipment. Oracle AEMP data connectors are an easy way to connect such heavy equipment to Oracle IoT Intelligent Applications. These connectors enable collection of real-time data from a heterogeneous fleet into a single view to understand usage, state/condition to maximise uptime availability and optimise maintenance activities.

Resources

Oracle Cloud

<https://oracle.com>

Oracle Cloud Readiness Content

<https://oracle.com/readiness>

Oracle Cloud Customer Connect

<https://cloudcustomerconnect.oracle.com>

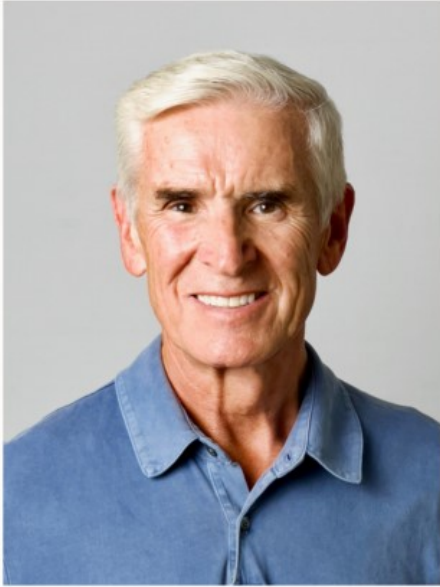
Oracle Documentation

<https://docs.oracle.com>

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This covered just a few of the enhancements in update 24A. For more information on Oracle Cloud Supply Chain & Manufacturing see the What's New and New Feature Summary documentation at oracle.com/readiness and these other resources.

Oracle Supply Chain & Manufacturing Cloud Update 24 ASpotlight



For more details:
<http://www.oracle.com/readiness>

Thank You.

Jon Chorley

CSO & GVP, SCM Product Strategy
Cloud Applications

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My name is Jon Chorley, and thank you for watching.



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