

JD Edwards EnterpriseOne Quality Management

Overview



Safe Harbor Statement

The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality described for Oracle's products remains at the sole discretion of Oracle.

Mixed Mode Manufacturing

Discrete

- Forecast-Driven
- Work Orders
- Individual, Separate Unit
- Low Volume/High Complexity



Flow/Lean

- Demand-Driven
- Work Order-less
- Mixed Model
- Customized Products



Configure to Order
Engineer to Order
Manufacture to Stock
Manufacture to Order
Assembly to Order

- Mass Production
- Minimal Product Variation
- High Volume, Low Complexity

- Recipe/Formula Based
- Life Sciences
- Food/Beverage
- Chemicals
- Natural Resources

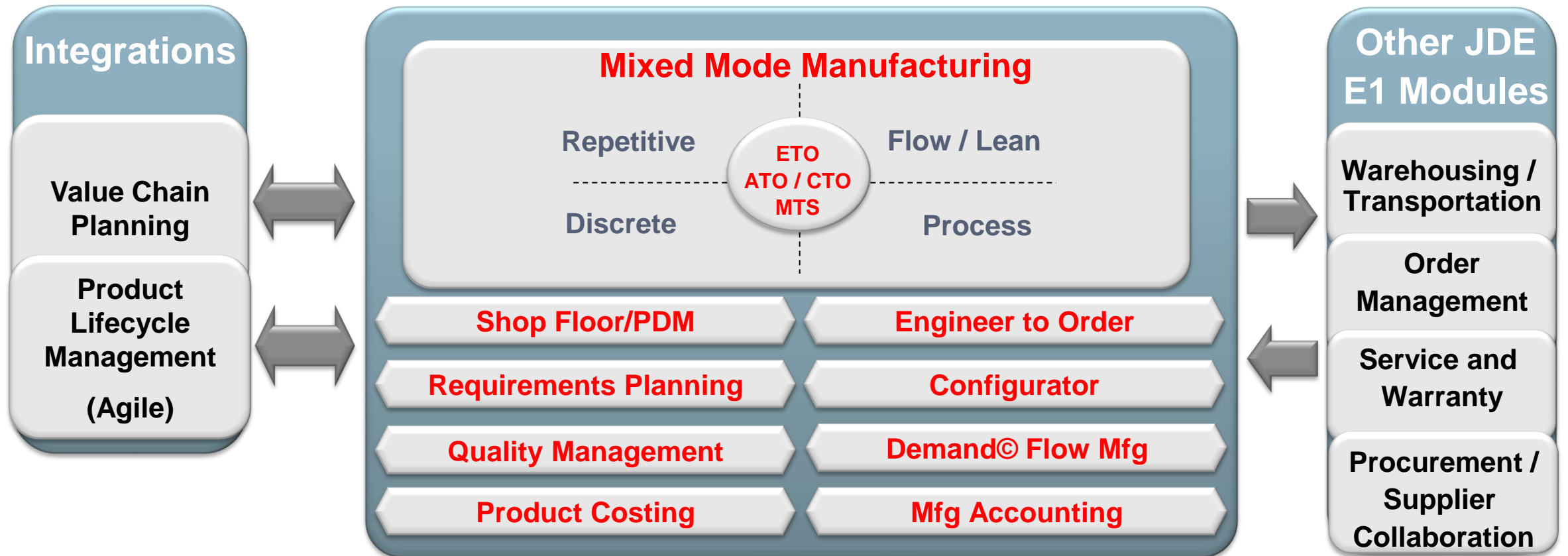
Repetitive



Process



Mixed Mode Manufacturing



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Quality Management Solution:

Enables companies to collect, verify and manage data pertaining to the quality of their product at multiple stages in the manufacturing process in order to meet the companies' quality initiatives.

Quality Management Objectives

- Provide the ability to create and maintain tests
- Develop a method of grouping tests
- Support customer-specific tests
- Allow for entry of test results at various stages of purchasing, sales and manufacturing functions
- Offer lot selection capability during Sales Order Entry



Quality Management Objectives (cont.)

- Provide a Certificate of Analysis (COA)
- Provide a lot tracing capability for test results
- Track and display nonconforming product
- Allow entry of freeform text throughout the process
- Upload test results from other systems via a batch test entry program



Quality Management Key Benefits

Customer Order Fulfillment

Right quality product delivered to the right customer



Plant Operation

Product produced to specification

Operational Analysis

Production Process is executed within quality standards



Quality Management Overview

Definition

Define Tests

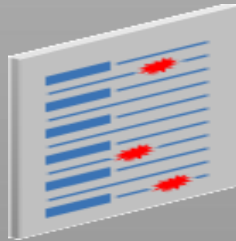
- Min/Max
- Effective/Expiration Dates
- Alphanumeric/Numeric
- # of Samples

Define Specifications

- Grouping of Tests

Preference Profiles

- Item/Item Group
- Customer/Customer Group
- Branch/Plant Specific
- Hierarchical



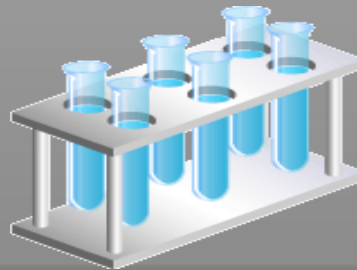
Results

Enter Test Results

- Purchasing Receipts
- Receipt Routings
- Work Order Completions
- Manufacturing Operations
- Ship Confirm
- Menu Selection

Create New Samples

Review Test Results



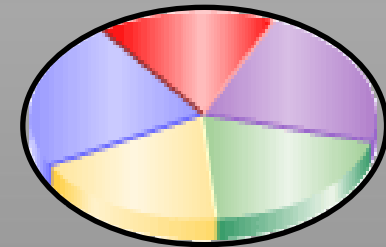
Reporting

Work Flow Approval

Certificate of Analysis

Lot Traceability

Non-Conformance



Quality Management Basics

Entering Test Results



- Purchase Order Receipts
- Receipt Routing (PO & MFG)
- Load & Delivery/Ship Confirm
- Completions (WO and Rates)
- Super Backflush
- QM Menu Selection

Batch Test Result Entry

- Separate Input File
- Standard Test Evaluation
- Proof or Final Mode
- Exception Report



Sales Order Entry



- Compare available lots against customer preferences
- Tested Lot Search
- Test Results Inquiry

Quality Management Basics

Certificate of Analysis



- Separate extract and print programs
- Automatic Print from:
 - Ship Confirm
 - Load and Delivery Confirm
 - Test Results Revisions
- Data written to a file for custom COA
- 'Linked Lots' capability
- Ability to retrieve customer preference

Additional Features



- Test Where-Used Inquiry
- Test Results Workbench
- Tested Lot Search – Process Check
- Non-conforming Product
- Trace Test Result

Preference Master - Quality Management Profile Revisions

Query: All Records

Form
 Row
 Tools

Customer Number: *Creekside Warehouse* Branch/Plant:
 Customer Group:
 Item Number: *Sport Drink, Lime*
 Item Group:

Records 1 - 3

[Customize Grid](#)

<input type="checkbox"/>		Sort Seq	T S	Test Specification	Branch Plant	Effective From	Effective Thru	Test Type	Allowed Minimum	Preferred Minimum	Target Value	Pr Ma
<input type="checkbox"/>		<input type="text" value="1"/>	T	SC-01	M30	01/19/1999	12/31/2041	R	.80	.81	.82	
<input type="checkbox"/>		2	T	SD-05	M30	01/19/1999	12/31/2041	R	YES	YES	YES	YES
<input type="checkbox"/>		3										

Enter Test Results - Test Results Revisions

Query: All Records

Row Form Tools

Preference

Number of Samples Branch/Plant

Lot/SN

Location

Customer Number

Item Number Concentrate, Lime Sport Drink

Records 1 - 14 Customize Grid

<input type="checkbox"/>	<input type="checkbox"/>	Result Value	Pass Fail	O	Test ID	Test Description	Branch Plant	Sample	Tester	Date Tested	Time Tested	Root Cause
<input type="checkbox"/>	<input type="checkbox"/>	.81	P	0	SC-01	Check electrolyte level	M30	1	6002	10/01/1998	10:02:20	
<input type="checkbox"/>	<input type="checkbox"/>	.80	P	0	SC-01	Check electrolyte level	M30	2	6002	10/01/1998	10:02:22	
<input type="checkbox"/>	<input type="checkbox"/>	.81	P	0	SC-01	Check electrolyte level	M30	3	6002	10/01/1998	10:02:25	
<input type="checkbox"/>	<input type="checkbox"/>	.79	F	0	SC-01	Check electrolyte level	M30	4	6002	10/01/1998	10:02:27	
<input type="checkbox"/>	<input type="checkbox"/>	C04	P	0	SC-02	Compare color - Test Strip #50	M30	1	6002	10/01/1998	10:02:38	
<input type="checkbox"/>	<input type="checkbox"/>	C04	P	0	SC-02	Compare color - Test Strip #50	M30	2	6002	10/01/1998	10:02:43	
<input type="checkbox"/>	<input type="checkbox"/>	C04	P	0	SC-02	Compare color - Test Strip #50	M30	3	6002	10/01/1998	10:02:47	
<input type="checkbox"/>	<input type="checkbox"/>	C03	P	0	SC-02	Compare color - Test Strip #50	M30	4	6002	10/01/1998	10:02:51	
<input type="checkbox"/>	<input type="checkbox"/>	.26	P	0	SC-03	Check concentration level	M30	1	6002	10/01/1998	10:02:57	
<input type="checkbox"/>	<input type="checkbox"/>	.25	P	0	SC-03	Check concentration level	M30	2	6002	10/01/1998	10:03:00	
<input type="checkbox"/>	<input type="checkbox"/>	.26	P	0	SC-03	Check concentration level	M30	3	6002	10/01/1998	10:03:03	
<input type="checkbox"/>	<input type="checkbox"/>	.26	P	0	SC-03	Check concentration level	M30	4	6002	10/01/1998	10:03:11	
<input type="checkbox"/>	<input type="checkbox"/>	.27	F	0	SC-03	Check concentration level	M30	5	6002	10/01/1998	10:03:20	



Test Revisions - Edit Test Definition

Test ID: PT-01 Branch/Plant: M30

Description: Bottle pressure test Status: Active/Approved

Effective From: 01/01/1998 Thru: 12/31/2042

Definition **Result Ranges** **Descriptions**

Category Codes			Descriptions	
Code 1	101	Pre-Production	ASTM Reference	D2561-95
Code 2	204	Receiving Inspection	Test Method	Burst tester
Code 3	301	Destructive	Property	
Code 4	401	Mechanical	Test Duration	
Code 5				



Specification Revisions - Specification Revisions

Specification	<input type="text" value="D002"/>	Branch/Plant	<input type="text" value="M30"/>
Description	<input type="text" value="Fill Tests"/>	Status	<input type="checkbox"/>
Revision Level	<input type="text" value="001"/>		

Category Codes

Code 1	<input type="text" value="140"/>	Code 3	<input type="text" value="302"/>	Code 5	<input type="text" value="504"/>
Code 2	<input type="text"/>	Code 4	<input type="text" value="404"/>		

Records 1 - 5

[Customize Grid](#)

	Seq	Test Identification	Branch Plant	Description	Allowed Minimum	Preferred Minimum	Target Value	Preferred Maximum	Allowed Maximum
<input checked="" type="radio"/>	1	SD-01	M30	Compare color - Test Strip #5	1	1	2	2	
<input type="radio"/>	2	SD-02	M30	Check fill level	F02	F02	F02	F03	F03
<input type="radio"/>	3	SD-03	M30	Verify safety seal	YES	YES	YES	YES	YES
<input type="radio"/>	4	SD-04	M30	Verify bottles clear of debris	YES	YES	YES	YES	YES
<input type="radio"/>	5								



Nonconforming Product - Nonconforming Test Result Revisions



Work With Nonconforming Test Results

Nonconforming Test Result Revisions



Branch/Plant

Item Number *Concentrate, Lime Sport Drink*

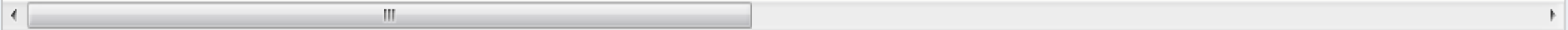
Lot/SN *Concentrate, Sport Drink*

Location

Records 1 - 3

Customize Grid

	Corrective Action	Description	Order Number	Or Ty	Test Identification	Branch Plant	Result Value	Lot Serial Number	Location	2nd Item Number
<input type="radio"/>	001	Rerun Test	451240	WO	SC-01	M30	.79	199810010001	..	4110
<input type="radio"/>	002	Rework Test	451258	WO	SC-03	M30	.27	199810010001	..	4110
<input checked="" type="radio"/>	<input type="text"/>		<input type="text"/>							



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