

Oracle® Agile Product Lifecycle Management for Process  
Release Notes  
Release 6.1  
Part No. E17156-01

**November 2011**

**ORACLE®**

## Copyrights and Trademarks

Oracle Agile Product Lifecycle Management for Process Release 6.1

Part No. E17156-01

Copyright © 2011, Oracle and/or its affiliates. All rights reserved.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this software or related documentation is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, the following notice is applicable:

### U.S. GOVERNMENT RIGHTS

Programs, software, databases, and related documentation and technical data delivered to U.S. Government customers are “commercial computer software” or “commercial technical data” pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, duplication, disclosure, modification, and adaptation shall be subject to the restrictions and license terms set forth in the applicable Government contract, and, to the extent applicable by the terms of the Government contract, the additional rights set forth in FAR 52.227-19, Commercial Computer Software License (December 2007). Oracle USA, Inc., 500 Oracle Parkway, Redwood City, CA 94065.

This software is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications which may create a risk of personal injury. If you use this software in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure the safe use of this software. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software in dangerous applications.

Oracle and Java are registered trademarks of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

This software and documentation may provide access to or information on content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.

**November 2011**

# Document Control

## Change Record

Date	Author	Version	Change Reference
Nov-2011	Oracle	1.0	Initial release, Part No. E17156-01

# Contents

## CHAPTER 1: WHAT'S NEW IN THIS RELEASE..... 4

### What's New in This Release? ..... 4

User Interface Enhancements.....	4
Suite Header Redesign.....	4
Object Header Redesign .....	4
Simplified Data Display & Increased Screen Real Estate .....	5
Action Navigation Redesign.....	5
Grids .....	5
Field Entry Redesign .....	6
Search Screens Redesigned .....	7
Action Item Refresh .....	8
GSM Sections Rearranged .....	8
Most Recently Used.....	8
Templates .....	9
General Enhancements.....	10
ADMN (Data Administration) Enhancements .....	11
CACHE (Cache) Enhancements.....	13
CACS (Computer Aided Compliance Screening) Enhancements .....	13
DRL (Document Reference Library) Enhancements .....	13
eQ (eQuestionnaire) Enhancements.....	14
GSM (Global Specification Management) Enhancements .....	14
NPD (New Product Development) Enhancements .....	21
NSM (Nutrition Surveillance Management) Enhancements .....	23
PQS (Product Quality Scorecard) Enhancements.....	24
RPT (Reporting) Enhancements .....	24
SP (Supplier Portal) Enhancements.....	25
SCRM (Supply Chain Relationship Management) Enhancements.....	26
UGM (User Group Management) Enhancements.....	27
WFA (Workflow Administration) Enhancements.....	27
Extension Enhancements.....	28
Installer Enhancements.....	28

## CHAPTER 2: RESOLVED ISSUES.....29

### Resolved Issues ..... 29

General Resolved Issues.....	29
ADMN (Data Administration) Resolved Issues .....	30
CACS (Computer Aided Compliance Screening) Resolved Issues.....	30
CSS (Content Synchronization and Syndication) Resolved Issues .....	30
DRL (Document Reference Library) Resolved Issues.....	30
eQ (eQuestionnaire) Resolved Issues .....	31
GSM (Global Specification Management) Resolved Issues.....	31
NPD (New Product Development) Resolved Issues .....	33
NSM (Nutrition Surveillance Management) Resolved Issues.....	33
PQS (Product Quality Scorecard) Resolved Issues .....	34
RPT (Reporting) Resolved Issues .....	34
SP (Supplier Portal) Resolved Issues .....	35

SCRM (Supply Chain Relationship Management) Resolved Issues .....	35
UGM (User Group Management) Resolved Issues .....	35
WFA (Workflow Administration) Resolved Issues .....	35
Infrastructure Resolved Issues .....	36
<b>CHAPTER 3: HOT FIXES .....</b>	<b>37</b>
Hot Fixes .....	37
<b>CHAPTER 4: DEPRECATED FEATURES .....</b>	<b>38</b>
Deprecated Features .....	38
Features to be Deprecated in a Later Release.....	38

# Preface

This document describes issues that you may encounter with this release. Internal Tracking numbers that appear in the tables are used to identify issues reported by customers. You can use these numbers to identify the issue should you need to contact Oracle Support. Locator numbers that appear in parentheses after some notes are for Oracle internal use only.

# Chapter 1: What's New in This Release

---

*This chapter contains information on new product features for Release 6.1 of Oracle Agile Product Lifecycle Management for Process.*

---

## What's New in This Release?

This chapter includes changes and enhancements that have been made for the Oracle Agile Product Lifecycle Management for Process 6.1 release.

### User Interface Enhancements

#### Suite Header Redesign

The suite header has been redesigned (DR 17492). The suite header now includes the following:

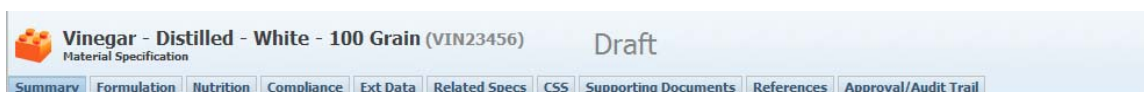
- ... The object identity is visible at the top of every page. The system displays the system object number or the preferred cross reference number.
- ... The navigation and history menu is now inside the suite header.
- ... The header styles, logo, and cobrand logo are still customizable.



#### Object Header Redesign

The object header has been redesigned. Each object header now includes the following:

- ... Each object is branded with a unique icon for easy recognition.
- ... The document name is larger and more easily recognized.
- ... The document status has been moved to the right and increased in size to allow of quick status recognition. The status now displays in red when an object is in a red state.
- ... The full object type name is now included.
- ... The system displays the system object number or the preferred cross reference number.



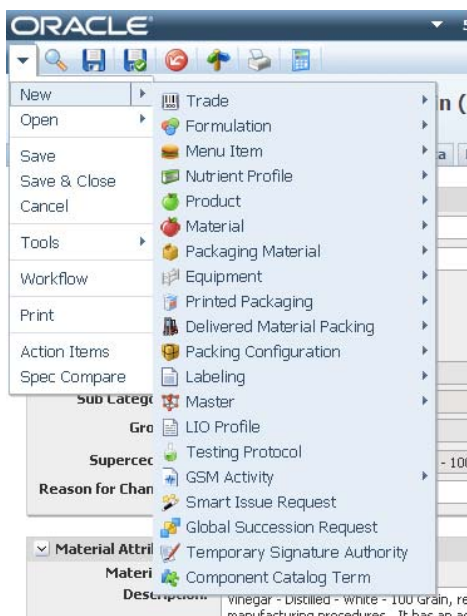
### *Simplified Data Display & Increased Screen Real Estate*

Screens have been simplified by the addition of collapsible content. Users can now collapse sections. This allows end users to customize their experience, only seeing data that is important to them. White space has also been reduced increasing viable screen real estate. This allows more pertinent data to be displayed at comparable browser sizes. These changes are included in DR 17493 and 17494.

### *Action Navigation Redesign*

Action navigation has been completely redesigned as part of DR 17468.

- ... Consolidated Navigation—Users can go to one location in the application to perform all actions.
- ... Screen Real Estate—No longer relying on screen real estate, all navigation is in dynamic menus allowing for multiple levels.
- ... Fully Customizable—You now have the ability to add additional navigation items, apply custom security rules around each action, display quick access icons, and assign hot keys for each action.
- ... Thick Client Appearance—Modeled after the leading thick client navigation approaches, this reduces complexity for end users and provides a more up-to-date appearance.



### *Grids*







Most grids in GSM and SCRM have been completely redesigned as DRs 17496 and 17502.







- ... Thick client-like grids—The new grids meet end user expectations. Previously each row had to be put into edit mode. Now users can navigate an entire grid using their keyboard, reducing the click stream for each row edit by 75%. Users can also sort and resize most columns.
- ... Increased Performance/Response Time—We are no longer relying on a costly server postback after each submit. The user can now edit a grid and only experience a postback when adding or deleting rows. Previously every row edit and submit action would cause a server postback.



## 6.0

## 6.1

Cross References				
	System Name	System ID	Equivalent	Ext Man
	JDE System	USJOE	241111	<input type="checkbox"/>
	SAP System	USSAP	<input type="text" value="zxc123"/>	<input type="checkbox"/>
	BPCS System	USBPCS	ADD_2009081921542010258_0	<input type="checkbox"/>
	Oracle System	USORACLE	qwer123	<input type="checkbox"/>
	SAP System	USSAP	1234zxcv	<input type="checkbox"/>
	US-OPM	US-OPM	776-5473	<input type="checkbox"/>
<input type="button" value="Add New"/>				

Cross References				
	System Name	System ID	Equivalent	Externally Managed
1	 JOE System	USJOE	241111	<input type="checkbox"/>
2	 SAP System	USSAP	<input type="text" value="zxc123"/>	<input type="checkbox"/>
3	 BPCS System	USBPCS	ADD_2009081921542010258_0	<input type="checkbox"/>
4	 Oracle System	USORACLE	qwer123	<input type="checkbox"/>
5	 SAP System	USSAP	1234zxcv	<input type="checkbox"/>
6	 US-OPM	US-OPM	776-5473	<input type="checkbox"/>
<input type="button" value="Add New"/>				

## Field Entry Redesign

Most data entry fields have been completely redesigned. Changes include:

- ... Standardized Search Icons—Label links have been replaced by a standard search icon.

6.0 Search Links

Category: Food Additives

Sub Category: Fermented Products

Group: Vinegar

6.1 Search Links

Category: Other

Sub Category: Liquids

Group: Water

- ... Expandable Text Areas—Text areas are now expandable displaying all of the content it contains. This allows users to easily edit and adjust content.

[illegible]

- ... Immediately Editable Translatable Fields—Fields that are translatable are now editable in the current language on the face of the UI. You no longer have to go into the proactive translation popup window to edit the current language value. This removes the need for the Single Translation Editing feature in Profile and Preference, so it has been removed. This change is included in DR 19568.
- ... Improved Date Fields—Date fields now allow for inline entry allowing users to type dates directly into the field. These fields were also updated with inline calendar controls.

### 6.0 Date Fields

**Effective:** [Monday, January 28, 2008](#)

**Inactive:** -----

**Last Edit:** Wednesday, February 24, 2010

### 6.1 Date Fields

**Effective:**  


**Inactive:**

**Last Edit:** Monday, January



... Type Ahead—All single and multi-select fields have been redesigned to allow users to type in their choices. Previously, users were forced to use the lookup tool to populate fields. This tool was accessed through the linked label. Now users can type in their selections and are presented with matching options. The legacy web links have been replaced by standard search icons to the right of the field. DR 17503

### 6.0 Single and Multi-Select Fields

no Preservatives 

**Classification:**

**Country Of Origin:**

**Shipping Requirements:**

### 6.1 Single and Multi-Select Fields

**Country Of Origin:**

**Shipping Requirements:**

**Shipping Instructions:**

**Shelf Life:**

## Search Screens Redesigned

The main and popup search screens have been redesigned as part of DRs 9231, 17889, 18881 (7108379, 8213422, 10186791, 12563555, 12815099). Notable features include:

1. Users can now see more results on one page.
2. Each result row is fully linked versus a single text link.
3. Users can now set their preferred results per page default using Profile and Preferences.
4. Recently viewed items are available; this allows users to quickly get to the object they have recently viewed.
5. Multi-select popup search screens now include a scrolling fixed height results panel so the selection bucket is visible to the user regardless of the number of result items. This allows the user to always see his or her search selections while still navigating through results.
6. Items selected in the search popup now display a confirmation message, informing the user that his or her selection was added or was previously added.
7. Users can now use up to 6 rows of search criteria inside search popups.
8. Results per page and saved searches are now available on all popup search screens inside GSM and SCRM.

Action Item Refresh

Action Item listings now include a new status column starting each row so the status of each item is easily recognized. Action items are now paginated and users can now set their preferred results per page default using Profile and Preferences. In addition, the amber and red dates for an item have been divided into separate columns allowing for better sorting.

GSM Sections Rearranged

The following sections have been rearranged:

- ... Trade Specification—Parent trades, next lower level trades, and nutrient profiles have been moved to the Related Specs tab.
- ... Menu Specification—Nutrient profiles have been moved to the Related Specs tab.
- ... Custom Data—All custom data has been moved to a new Ext Data tab.
- ... Nutrient Composition—The nutrient composition on material and product specifications has been moved to its own tab. This was formerly listed as a supporting document.

Most Recently Used

Most applications now include a Most Recently Used (MRU) items menu. This menu contains a listing of the user’s most recently visited objects in the current application. For example, in GSM, the listing would show the most recently viewed specifications, LIO profiles, etc., while in SCRM, the listing would show the most recently viewed sourcing approvals, companies, facilities, etc. The Most Recently Used listing allows users to access their most recently viewed objects. This is active in most applications across the suite. DR 16401 (9000509, 7567720)

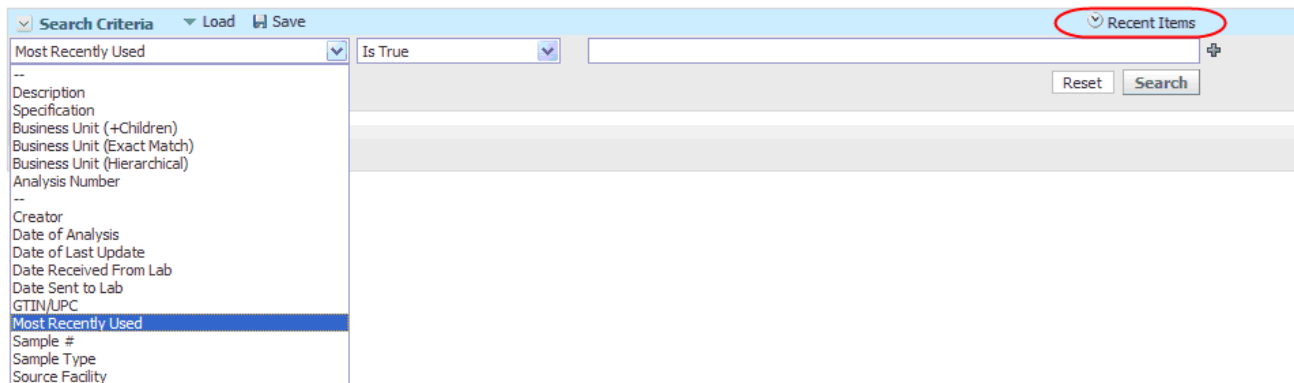
GSM View of MRU in the suite header:

5077413-003: Vinegar - Distilled - White - 100 Grain - Agile PLM for Process: GSM		
Vinegar - Distilled - White - 100 Grain (5077413-003)	Draft	is
Material Specification		
mj packaging (5083958-002)	Approved	
Packaging Material Specification		
BBQ Beef and Vegetable Dinner - 11 oz (5077539-001)	Packaging Engin...	
Trade Specification		
mj equipment for where used (5104927-001)	Draft	
Equipment Specification		
v600rc6 another spec (5089510-001)	Draft	
Formulation Specification		
test test 1 (5105023-001)	Draft	
Trade Specification		
mj Smart Issue for Qualitative EA types (0001521)	Pending	
Smart Issue Request		
toms Menu Item test (5079813-002)	Draft	
Menu Item Specification		
Vinegar - Distilled - White - 100 Grain (5077413-002)	CSS Draft	
Material Specification		
cooler_assy PartNo:301542-001 (5080196-001)	Requested for C...	
Equipment Specification		
Menu Item (5077766-001)	Draft	
Menu Item Specification		
Parent Menu Item Nutrient Profile (5079862-001)	Draft	
Nutrient Profile		

While the Most Recently Used items menu can only display a certain number of items (12 by default) at a time, a history of 50 (configurable) most recently viewed objects \*of each type\* are stored in the database. This history is accessible in the relevant search screens in two ways:

1. A link called Recent Items is available that will trigger an immediate search of the most recently viewed items of that object type.

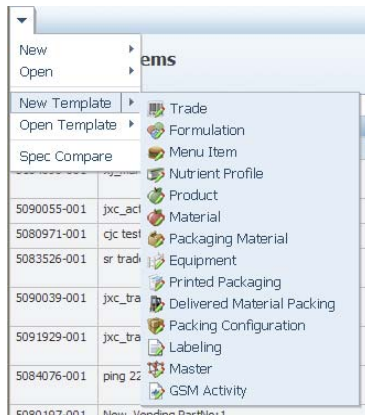
2. A new search option, Most Recently Used, is available in the search property drop downs so that it can be added to the search parameters.



See the *Agile Product Lifecycle Management for Process Configuration Guide* for more details around configuring most recently used.

## Templates

Users can now create templates for specific document types – GSM specifications, GSM activities, and SCRM objects. This feature allows end users to create specifications quickly; all standard information for that document type will be included and added to the document upon creation. DR 17491



### Key Features:

- ... Lockable identity fields (BU, Category, Classification)
- ... Pre-assigned workflows for specifications created from templates
- ... Separate workflow and visibility Rules for template creation (WFA-enabled objects only)
- ... Split security around who can create blank specifications and who can create specifications from templates
- ... Access to Most Recently Used templates
- ... Lineage record on specifications created from templates

The tables below include enhancements for Release 6.1, sorted by application. Enhancements with the **Pre-Work Needed** column checked may require pre work by a business analyst or technical resource; those with the **Config** column checked indicate configuration changes or additions.

## General Enhancements

Table: 1-1 General Enhancements

Bug/Enh ID	Description	Pre Work Needed	Config
8996450	Internal Tracking # 12066  Users can now add and remove multiple custom sections at once. When the user selects the <b>Add Sections</b> or <b>Remove Sections</b> button, a multi-select dialog box is displayed. The user can select multiple sections to add or remove. This functionality respects distinct extended attribute rules.  Certain roles are now required to add and remove custom sections. See ADMN enhancement # 9200 for more information.	<input type="checkbox"/>	<input type="checkbox"/>
11932208	Internal Tracking # 16359  For custom sections, the repeatable row feature has been enhanced. Users can now quickly add additional repeatable row instances by using the add row icon (📄). In addition, this repeatable row set can now be re-ordered by the user using the reorder row icons (⬆️⬆️). Please refer to the <i>Agile Product Lifecycle Management for Process Administrator User Guide</i> , Custom Section chapter, "Creating a Custom Section", for more information on repeatable rows.	<input type="checkbox"/>	<input type="checkbox"/>
None	Internal Tracking # 16411  Individual custom sections can now be controlled using Section Level Editing. This allows you to lock down edit rights of a custom section for certain users. For example, the custom section "Fact Panel" can only be edited by users that are in the "Nutrition" group but everyone can edit the "Dimensions" custom section. In addition, the Add and Remove buttons can also be controlled with section level editing. See the <i>Agile Product Lifecycle Management for Process Extensibility Guide</i> , SLA chapter for more information.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
None	Internal Tracking # 16677 and 17839  We have increased the coverage of database indexes to improve performance.	<input type="checkbox"/>	<input type="checkbox"/>
None	Internal Tracking # 17991  A search field now appears inside multi select and single select list controls once the list reaches a configurable number of items. Users can use this search field to narrow down their selections. This specified number of items is configurable using the following configuration:  <add key="MaxAllowedPopUpItems" value="500" />	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8995779	Internal Tracking # 18010  Multi-Language Support for Proactive Translations—The system now supports data capture for languages that are not available in an NLS pack. This allows users to enter translations in the proactive translation dialog window. Active MLS languages are made available to individual users using UGM. See the <i>Agile Product Lifecycle Management for Process Configuration Guide</i> for more information around how to activate MLS languages.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
None	Internal Tracking # 18591  To improve application performance, on MS SQL server, we moved from a 40 char to a 10 CHAR unique GUID for some of our larger tables in the database. This conversion will take place during the upgrade process. Please note, depending on the size of your database, this could take anywhere from 20 minutes to several hours.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Bug/Enh ID	Description	Pre Work Needed	Config
12656624 12329586	Internal Tracking # 20839  The status results column was added to most specification searches throughout the application suite.	<input type="checkbox"/>	<input type="checkbox"/>
None	Internal Tracking # 21948, 16099  The new database table Configuration Dictionary stores clear text passwords. We developed the Setup Assistant to encrypt the passwords stored in this table. The code that uses the passwords has been changed to use the encrypted password. See the <i>Agile Product Lifecycle Management for Process Install/Upgrade Guide</i> for more information.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

### ADMN (Data Administration) Enhancements

Table: 1-2 ADMN Enhancements

Bug/Enh ID	Description	Pre Work Needed	Config
None	Internal Tracking # 9200  Security has been enhanced for creating and removing custom data. The following new roles have been added:  [ADD_CUSTOM_SECTION] – Can see and use the Add Section button in applications using custom data. [REMOVE_CUSTOM_SECTION] – Can see and use the Remove Section button in applications using custom data. [ADD_EXT_ATT] – Can see and use the Add New button for extended attributes in applications using custom data. [REMOVE_EXT_ATT] – Can see and use the Delete column of the Extended Attributes grid to remove extended attributes in applications using custom data.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
None	Internal Tracking # 16169  The list heading and menu choice for ADMN > GSM Common > Storage Requirements has been changed to Storage and Shipping Requirements.	<input type="checkbox"/>	<input type="checkbox"/>
None	Internal Tracking # 12627  Customers can now add external IDs to the following taxonomies in ADMN: <ol style="list-style-type: none"> <li>1. GSM &gt; Business Units</li> <li>2. SCRM &gt; Business Units</li> <li>3. NPD &gt; Business Units</li> <li>4. NPD &gt; Project Type Categories</li> <li>5. Global &gt; Restrictions</li> <li>6. DRL &gt; Catalogs</li> <li>7. GSM Common &gt; Concepts</li> </ol> External IDs are not required, but when they are added they have to be unique. They are included during import/export. For more information about adding external IDs, refer to the <i>Oracle Agile Product Lifecycle Management for Process Administrator User Guide</i> .	<input type="checkbox"/>	<input type="checkbox"/>

Bug/Enh ID	Description	Pre Work Needed	Config
None	<p>Internal Tracking # 16362</p> <p>The Global Location Number (GLN) is a globally unique 13-digit number that identifies physical location, legal entity, and functional entity for the trading company. Previously the database supported 14 digits. It now supports only 13 digits.</p> <p>Before upgrading to 6.1, you must run a pre-script to fix any GLNs that are more than 13 digits. See the <i>Agile Product Lifecycle Management for Process Install/Upgrade Guide</i> for more information.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
None	<p>Internal Tracking # 16403</p> <p>The following lists in ADMN have been made status aware:</p> <ol style="list-style-type: none"> <li>1. Data groups (used for Allergens, Additives, Intolerances, Nutrients)</li> <li>2. SCRM Lists <ul style="list-style-type: none"> <li>- Class</li> <li>- Document Type</li> <li>- Company Special Attributes</li> <li>- Facility Special Attributes</li> <li>- Contact Category</li> <li>- Protocol ID</li> <li>- SDM Status</li> <li>- Sourcing Type</li> </ul> </li> <li>3. GSM: Menu Item Class</li> <li>4. GSM: Menu Item Standard</li> <li>5. Extended Attribute groups</li> </ol> <p>For more information about statuses, refer to the <i>Oracle Agile Product Lifecycle Management for Process Administrator User Guide</i>.</p>	<input type="checkbox"/>	<input type="checkbox"/>
9745154	<p>Internal Tracking # 16569</p> <p>The trade item type can now be extended allowing for custom names for each system trade type as well as multiple trade types of the same system type. This list in ADMN is now status-controlled so unused trade types can be removed from the end user's view. The trade item type default can now be selected.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9770225	<p>Internal Tracking # 16581</p> <p>The nutrient information list has been replaced with the Nutrient Toolkit Widget. You can now manage infoods IDs, statuses, and data groups as well as add new nutrients. See Extensibility Pack 2.5 <i>Agile Product Lifecycle Management for Process Data Administration Toolkit Guide</i> for more information.</p>	<input type="checkbox"/>	<input type="checkbox"/>
None	<p>Internal Tracking # 17490</p> <p>This enhancement allows calculated extended attribute custom/dynamic methods to access our Warning On/Off functions, which previously were supplied only with our out of box methods. For more information about warning functions, refer to the Calculated Attributes appendix of the <i>Oracle Agile Product Lifecycle Management for Process Administrator User Guide</i>.</p>	<input type="checkbox"/>	<input type="checkbox"/>
None	<p>Internal Tracking # 21107</p> <p>De-normalization management of custom sections is now available by default. This feature enables the configuration of custom section de-normalization rules and attributes. See the Extensibility Pack <i>Agile Product Lifecycle Management for Process Custom Section Denormalization Guide</i> for more information.</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

**CACHE (Cache) Enhancements**

Table: 1-3 CACHE Enhancements

Bug/Enh ID	Description	Pre Work Needed	Config
None	Internal Tracking # 14518  A Refresh button was added above the cache flush grid.	<input type="checkbox"/>	<input type="checkbox"/>
None	Internal Tracking # 19859  The [CACHE_SERVER_VIEWER] role was created to allow users to view the Server column in the Cache details pop-up window. In previous releases, anyone with access to the Cache details pop-up was able to view this column.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**CACS (Computer Aided Compliance Screening) Enhancements**

Table: 1-4 CACS Enhancements

Bug/Enh ID	Description	Pre Work Needed	Config
None	Internal Tracking # 14950  Boolean, Qualitative, Qualitative Lookup, and Date extended attributes can now be screened using CACS.	<input type="checkbox"/>	<input type="checkbox"/>

**DRL (Document Reference Library) Enhancements**

Table: 1-5 DRL Enhancements

Bug/Enh ID	Description	Pre Work Needed	Config
7714251	Internal Tracking # 16464  The display of the path for selected DRL Classifications and Catalogs has been enhanced. The full hierarchy is now displayed.	<input type="checkbox"/>	<input type="checkbox"/>
9126547	Internal Tracking # 17047  The Document Name field has been increased to accommodate 256 characters.	<input type="checkbox"/>	<input type="checkbox"/>
None	Internal Tracking # 17397  DRL association has been added to the SCRM facility. If the supplier is associated to that facility and the DRL document is published to the supplier, the supplier can now see the associated catalog/documents.	<input type="checkbox"/>	<input type="checkbox"/>



**eQ (eQuestionnaire) Enhancements**

Table: 1-6 eQ Enhancements

Bug/Enh ID	Description	Pre Work Needed	Config
None	Internal Tracking # 12643  All text areas have been modified to be expandable text areas versus the fixed height to enhance readability and usability. This applies to all questionnaire types.	<input type="checkbox"/>	<input type="checkbox"/>
None	Internal Tracking # 16004  The supplier item number is now displayed on the Summary tab when it is returned on a questionnaire. This applies to all questionnaire types.	<input type="checkbox"/>	<input type="checkbox"/>
None	Internal Tracking # 16488  Validation events have been added to eQ Admin. Users can call custom validators for all questionnaire types:  <ol style="list-style-type: none"> <li>1. Save/Save and Close the questionnaire</li> <li>2. Send the questionnaire</li> <li>3. Save the questionnaire as a template</li> <li>4. Copy the questionnaire</li> <li>5. Return to supplier</li> <li>6. eQ to GSM - Target Actions</li> <li>7. eQ to GSM - Save</li> </ol> For more information, refer to the <i>Agile Product Lifecycle Management for Process Extensibility Guide</i> .	<input type="checkbox"/>	<input type="checkbox"/>
8995779	Internal Tracking # 18010  Configurable Supplier Portal Login Languages and Cultures—The login languages available in Supplier Portal are now configurable. For more information refer to the <i>Agile Product Lifecycle Management for Process Configuration Guide</i> .	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

**GSM (Global Specification Management) Enhancements**

Table: 1-7 GSM Enhancements

Bug/Enh ID	Description	Pre Work Needed	Config
None	Internal Tracking # 3054  For printed packaging, labeling, and master specifications, attachments are now included in the Supporting Documents control. Attachments now print from the parent specification as well as from the trade and menu item specifications. Contextual and non-contextual object level security is respected.	<input type="checkbox"/>	<input type="checkbox"/>
None	Internal Tracking # 5359  A Total footer and calculate button was added to the list of build items on the Nutrient Rollup screen off of the nutrient profile. You now calculate the selected items' nutrients, compliance items, and mass by clicking the <b>Calculate</b> button instead of the Total column header.	<input type="checkbox"/>	<input type="checkbox"/>

Bug/Enh ID	Description	Pre Work Needed	Config
None	Internal Tracking # 6803  The print model for trade, material and product specifications has been enhanced to include %Breakdown summary information (Restrictions, Formula Classifications & Tags) for each % Breakdown that is printed.	<input type="checkbox"/>	<input type="checkbox"/>
None	Internal Tracking # 7710  Attachments and rich text for the current specification are now printed for equipment specifications.	<input type="checkbox"/>	<input type="checkbox"/>
None	Internal Tracking # 8682  Equipment specifications have been added to the Where Used functionality. The Where Used link is included in the Specification Dependencies section on the References tab.	<input type="checkbox"/>	<input type="checkbox"/>
None	Internal Tracking # 8702  You can now search for a trade specification based on what materials are tied to it using the new search criterion <b>Material Specification</b> .	<input type="checkbox"/>	<input type="checkbox"/>
None	Internal Tracking # 8996  The Lineage History Control has been added to all specifications in GSM. This control now tracks the following events: Copy, Issue, Smart Issue created Issue, eQ Update, eQ Create, eQ Issue, and Created From Template.	<input type="checkbox"/>	<input type="checkbox"/>
9231470 10135402	Internal Tracking # 9235  Print templates can now be used to auto select items in the print dialog popup. By default, the out of the box template selects the current specification. For more information, refer to the <i>Agile Product Lifecycle Management for Process Extensibility Guide</i> .	<input type="checkbox"/>	<input checked="" type="checkbox"/>
None	Internal Tracking # 9605  Workflow permissions are now evaluated during spec compare. BU security and OLS were already being respected.	<input type="checkbox"/>	<input type="checkbox"/>
None	Internal Tracking # 10840  We added the following event to the validation framework extension:  Testing Protocol: Save, Validate and Copy Events  See the <i>Agile Product Lifecycle Management for Process Extensibility Guide</i> for more information.	<input type="checkbox"/>	<input type="checkbox"/>
None	Internal Tracking # 12127  All GSM users can now see the Testing Protocol Library menu option, regardless of role. To create testing protocols, users need the [TESTING_PROTOCOL_ADMIN] role.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7342020 11788509	Internal Tracking # 13019  A new search option has been added for all GSM specifications that allows a user to search for specifications based on the current owner. New criteria are: Current Workflow Owner and Current Workflow Group	<input type="checkbox"/>	<input type="checkbox"/>
None	Internal Tracking # 13609, 17973, and 17975  The following constraints were added to optimization for formulation specifications:  Total Solids Spec to Spec Ratio Spec: External Output Ratio	<input type="checkbox"/>	<input type="checkbox"/>

Bug/Enh ID	Description	Pre Work Needed	Config
None	Internal Tracking # 13786  Label claims can now be evaluated from the Output popup.	<input type="checkbox"/>	<input type="checkbox"/>
None	Internal Tracking # 14218  You can now print sourcing approvals attached to trade specifications. This includes the sourcing approvals attached to the packaging and printed packaging specifications associated to the trade specification.	<input type="checkbox"/>	<input type="checkbox"/>
None	Internal Tracking # 14756  The Breakdown Component search criteria are now searching for specifications across all breakdown component types (free text, material specification, Component Catalog, and FCL) to find results.	<input type="checkbox"/>	<input type="checkbox"/>
None	Internal Tracking # 14780  The specification comparison report has been enhanced to show the Available UOM data. A new section for Available UOM data shows the category, base UOM, and additional UOM information. A second section for UOM Conversions shows the conversions listed for that specification.	<input type="checkbox"/>	<input type="checkbox"/>
None	Internal Tracking # 14921  Trade specification print has been modified:  1. Remove Inactive Date 2. Add Available Date 3. Add End Available Date 4. Add Equivalent to Associated Specs grid based on the System ID selected on the specification 5. Add Tax Type 6. Add UNSPSC Code 7. Add GPC Code 8. Add Minimum Storage Temp to Storage & Shelf Life sections 9. Add Maximum Storage Temp to Storage & Shelf Life sections 10. Item Type - TU - remove Product Name from Brand Information (this is not displayed on the specification) 11. Item Type - TU - remove Brand Description from Brand Information (this is not displayed on the specification) 12. Item Type - CU (not for resale Co-Pack) - remove Tax Type/Rate from Product Classification (this is not displayed on the specification) 13. Item Type - CU (not for resale) - remove Tax Type/Rate from Product Classification (this is not displayed on the specification) 14. % Breakdown grid added to the Item Types that support it, for example (CU Co-pack and TU Co-pack)	<input type="checkbox"/>	<input type="checkbox"/>
None	Internal Tracking # 15302  Label claim referenced products can now be used on menu item specifications.	<input type="checkbox"/>	<input type="checkbox"/>
None	Internal Tracking # 15490  For material specifications, when a sourcing approval is added to a graduated output material, it is now assigned a material type of "Raw Material."	<input type="checkbox"/>	<input type="checkbox"/>

Bug/Enh ID	Description	Pre Work Needed	Config
None	<p>Internal Tracking # 15942</p> <p>You can now add a URL as a supporting document:</p> <p>We added the Publish to Supplier Portal tag to the URL control. The URL is included in the GSM Print dialog box. This publish checkbox is shown only when the Supplier Collaboration bundle is installed.</p> <p>The current URL validation logic is configurable using a new configuration: "GSM.URLAttachment.ValidateProperURLFormatting.Enabled" value="true"</p> <p>For more information, see the <i>Agile Product Lifecycle Management for Process Configuration Guide</i>.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
None	<p>Internal Tracking # 16076</p> <p>Users can now evaluate cost when searching for materials to add to a formulation specification. The column shows the cost book entry for the cost book selected in the user's profile and preferences, or the formulation specification settings if they are different.</p>	<input type="checkbox"/>	<input type="checkbox"/>
None	<p>Internal Tracking # 16085</p> <p>The nutrient composition has been moved to its own tab on product and material specifications.</p>	<input type="checkbox"/>	<input type="checkbox"/>
None	<p>Internal Tracking # 16363</p> <p>The Get Latest Issue functionality introduced with formulation specifications in release 6.0 has been added to the following locations:</p> <ul style="list-style-type: none"> <li>... Associated Specs</li> <li>... Trade: Next Lower Level Items</li> <li>... Packaging: Sub Components</li> <li>... Menu: Packaging and Alternate Packaging</li> <li>... Formulation: Referenced Outputs</li> <li>... Packaging: Printed Packaging</li> <li>... GSM Activities: Related Specifications except smart issue requests</li> <li>... All Specs: Explicit Master Specifications</li> <li>... Menu: Build Items</li> </ul> <p>These grids now contain the locked icon (🔒), meaning the specification is tied to an exact specification/issue combination. If you want to use the get latest revision feature, unlock the specification (🔓). This action tells GSM to go and get the latest approved revision. For more information, please see the <i>Agile Product Lifecycle Management for Process Global Specification Management User Guide</i>.</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
8275748 12715949 12937165	<p>Internal Tracking # 16365</p> <p>Global Succession now includes packaging sub components.</p>	<input type="checkbox"/>	<input type="checkbox"/>

Bug/Enh ID	Description	Pre Work Needed	Config																																
8423201 9148991 9561209 12329586	<p>Internal Tracking # 16366</p> <p>The material cell identity plugin has been added to over 60 locations inside GSM. Out of the box this plugin will display the specification’s status; however this plugin can be extended to display customized information. The following locations are now supported:</p> <table><tr><td>All - Associated Specs</td><td>Menu - Nutrient Profile</td></tr><tr><td>Delivered Mat - Delivered Material Packing</td><td>Nutrient Profile - Related Spec</td></tr><tr><td>Equipment - Related Packaging</td><td>Pkg/Prod/Mat - Packaging Config</td></tr><tr><td>Formulation - Alt Material</td><td>Packaging - Printed Pkg Material</td></tr><tr><td>Formulation - Output Material</td><td>Packaging - Related Equipment</td></tr><tr><td>Labeling - Related Packing</td><td>Packaging - Sub Component</td></tr><tr><td>All - Master Specs</td><td>Delivered Mat - Related Labeling</td></tr><tr><td>Material - Related Formulations</td><td>Printed Pkg - Related Parent Pkg</td></tr><tr><td>Material - Trd Spec Association</td><td>Pkg/Mat - Substitute Material</td></tr><tr><td>Material - Trd Spec Context Association</td><td>Trd - Nutrient Profile</td></tr><tr><td>Menu/Prod - Alt Global Standard</td><td>Trd - Alternate Packaging</td></tr><tr><td>Menu/Prod - Global Standard</td><td>Trd - Material Spec Association</td></tr><tr><td>Menu - Item Alt</td><td>Trd - Material Spec Context Association</td></tr><tr><td>Menu - Item Product</td><td>Trd - Next Lower Level Items</td></tr><tr><td>Menu - Alt Packaging</td><td>Trd - Packaging Material</td></tr><tr><td>Menu - Related Packaging</td><td>Trd - Parent Items</td></tr></table> <p>Refer to the <i>Agile Product Lifecycle Management for Process Extensibility Guide</i> for more information.</p>	All - Associated Specs	Menu - Nutrient Profile	Delivered Mat - Delivered Material Packing	Nutrient Profile - Related Spec	Equipment - Related Packaging	Pkg/Prod/Mat - Packaging Config	Formulation - Alt Material	Packaging - Printed Pkg Material	Formulation - Output Material	Packaging - Related Equipment	Labeling - Related Packing	Packaging - Sub Component	All - Master Specs	Delivered Mat - Related Labeling	Material - Related Formulations	Printed Pkg - Related Parent Pkg	Material - Trd Spec Association	Pkg/Mat - Substitute Material	Material - Trd Spec Context Association	Trd - Nutrient Profile	Menu/Prod - Alt Global Standard	Trd - Alternate Packaging	Menu/Prod - Global Standard	Trd - Material Spec Association	Menu - Item Alt	Trd - Material Spec Context Association	Menu - Item Product	Trd - Next Lower Level Items	Menu - Alt Packaging	Trd - Packaging Material	Menu - Related Packaging	Trd - Parent Items	<input type="checkbox"/>	<input type="checkbox"/>
All - Associated Specs	Menu - Nutrient Profile																																		
Delivered Mat - Delivered Material Packing	Nutrient Profile - Related Spec																																		
Equipment - Related Packaging	Pkg/Prod/Mat - Packaging Config																																		
Formulation - Alt Material	Packaging - Printed Pkg Material																																		
Formulation - Output Material	Packaging - Related Equipment																																		
Labeling - Related Packing	Packaging - Sub Component																																		
All - Master Specs	Delivered Mat - Related Labeling																																		
Material - Related Formulations	Printed Pkg - Related Parent Pkg																																		
Material - Trd Spec Association	Pkg/Mat - Substitute Material																																		
Material - Trd Spec Context Association	Trd - Nutrient Profile																																		
Menu/Prod - Alt Global Standard	Trd - Alternate Packaging																																		
Menu/Prod - Global Standard	Trd - Material Spec Association																																		
Menu - Item Alt	Trd - Material Spec Context Association																																		
Menu - Item Product	Trd - Next Lower Level Items																																		
Menu - Alt Packaging	Trd - Packaging Material																																		
Menu - Related Packaging	Trd - Parent Items																																		
None	<p>Internal Tracking # 16373</p> <p>Does Not Contain compliance items are now included in compliance rollup on the trade and menu item specifications.</p>	<input type="checkbox"/>	<input type="checkbox"/>																																
None	<p>Internal Tracking # 16414</p> <p>Users can now enter a range of values for formulation specification BOM items using one of three new calculation paths. The new paths are: Input Quantity Range, Input Yield Range, and Input Percent Range. When a range path is selected, new fields will be added to the screen allowing them to enter a minimum and maximum value for the item. These fields are available on the Formulation and Process tabs of formulation specifications. The new fields are for data capture and presentation only. No calculations will be performed on this data.</p> <p>All of the calculation paths are controlled by configuration settings. By default, the new paths and the new range fields are not displayed. For more information, see the <i>Oracle Agile Product Lifecycle Management for Process Configuration Guide</i>.</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																																
None	<p>Internal Tracking # 16418</p> <p>When comparing formulation specifications, WFA permissions are now enforced.</p>	<input type="checkbox"/>	<input type="checkbox"/>																																
None	<p>Internal Tracking # 16443</p> <p>When a user includes the expanded BOM in the printout for a formulation specification, the workflow status of each bom item is now included.</p>	<input type="checkbox"/>	<input type="checkbox"/>																																
None	<p>Internal Tracking # 16568</p> <p>For new activities, the <b>Remove from specification when inactive</b> checkbox has been added. When checked, the inactive activity will not display on the specification. When unchecked, the activity will display on the specification. This field is only displayed on non-primary activities and by default is checked. The checkbox value is copied when creating a new copy or issue of the activity.</p>	<input type="checkbox"/>	<input type="checkbox"/>																																

Bug/Enh ID	Description	Pre Work Needed	Config
9745154	<p>Internal Tracking # 16569</p> <p>The trade item type can now be extended allowing for custom names for each system trade type as well as multiple trade types of the same system type. This list is now status-controlled so unused trade types can be removed from the end user's view. The trade item type default can now be selected.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8983841 9468250	<p>Internal Tracking # 16629</p> <p>Users can now search for formulation specifications based on the following items:</p> <ul style="list-style-type: none"> <li>Step Name - Contains/Equals/Starts With - [User Entered Value]</li> <li>Step Instructions (Keywords) - Contains/Equals/Starts With - [User Entered Value]</li> <li>BOM Item Annotation - Contains/Equals/Starts With - [User Entered Value]</li> </ul> <p>A new field called Keywords has been added to the rich text control. This field has a 500 character limit. By default, this field auto updates every time the user clicks <b>Done</b> in the rich text control. The first 500 characters from the rich text field are captured, not including HTML. The user also has a choice of using User Defined Keywords.</p>	<input type="checkbox"/>	<input type="checkbox"/>
8983841 9468250	<p>Internal Tracking # 16629</p> <p>All rich text supporting documents in GSM can now be searched using keywords.</p>	<input type="checkbox"/>	<input type="checkbox"/>
8995620 8995633 9075754	<p>Internal Tracking # 16631</p> <p>Equipment specifications now allow equipment sub components. The new control includes Spec Name, Model, and qty with UOM. The list of available UOMs is configurable by the customer.</p> <p>The equipment specifications grid has also been added to the print output for packaging material specifications.</p>	<input type="checkbox"/>	<input type="checkbox"/>
None	<p>Internal Tracking # 16682</p> <p>The LIO Profiles section has been added to the References tab for nutrient profiles, trade specifications, and material specifications. The grid includes LIO #, LIO Name, Status, Description, and Final Statement.</p>	<input type="checkbox"/>	<input type="checkbox"/>
None	<p>Internal Tracking # 16712</p> <p>The specifications listed in the Item History dialog box are now linked. When the user clicks a specification, the dialog box closes and GSM opens the selected issue.</p>	<input type="checkbox"/>	<input type="checkbox"/>
None	<p>Internal Tracking # 16713</p> <p>The status of the specification is now displayed in the following locations:</p> <ol style="list-style-type: none"> <li>Global Succession, Spec to supercede or add search results. All specification types (material, master, packaging material, printed packaging, menu, and product) display status in the search results. In addition, the status is displayed next to the specification name in the UI that is returned.</li> <li>Where Used control</li> </ol>	<input type="checkbox"/>	<input type="checkbox"/>

Bug/Enh ID	Description	Pre Work Needed	Config
None	<p>Internal Tracking # 17227</p> <p>The following enhancements were made to the substitution data in formulation specifications:</p> <ol style="list-style-type: none"> <li>Added Cost column -- When the user clicks the sub icon, the dialog box contains a Cost column showing the cost book information for that material.</li> <li>Added ranking field for substitutes -- When users are defining substitutes on material specifications, the Ranking column in the substitute grid gives a single select drop-down with 1-10 pre-loaded rankings. Users can use this column to rank substitutes.</li> <li>Added tag field for substitutes -- When users are defining substitutes on material specifications, the Tag column gives a multi-select popup that allows the user to add a tag(s) to the substitute entry. These tags are defined and managed in Data Admin.</li> <li>We added the following events to the validation framework: <ul style="list-style-type: none"> <li>... Formulation Specification &gt; Input Substitution Event</li> <li>... Material Specification &gt; Add Substitute</li> </ul> </li> </ol>	<input type="checkbox"/>	<input type="checkbox"/>
None	<p>Internal Tracking # 17390</p> <p>Ingredient specifications are now called material specifications.</p>	<input type="checkbox"/>	<input type="checkbox"/>
None	<p>Internal Tracking # 17502</p> <p>Users can now manage the sort order of items inside the menu item build. We also added a Calculate button for the menu item build and the Order button to the packaging grid on a menu item specification.</p>	<input type="checkbox"/>	<input type="checkbox"/>
None	<p>Internal Tracking # 18259</p> <p>Smart Issue briefcase has been redesigned. It now opens in a left navigation panel and displays the hierarchy using a tree tool.</p>	<input type="checkbox"/>	<input type="checkbox"/>
None	<p>Internal Tracking # 18164</p> <p>Users can now configure off the calculate action for formulation events in read mode. By default, the configuration will turn OFF calculations in read mode.</p> <p>"GSM.BomCalc.FilterBomCalcEventsInReadModeEnabled" value="true" -- Ignore BOM calculation events when not in edit mode on the specification.</p> <p>"GSM.FormulationSpec.OutputCalculationsInReadModeDisabled" value="true" --Do not recalculate the output when in read mode.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
12530211	<p>Internal Tracking # 20285</p> <p>Formulation specifications now support 100ML nutrition on the output popup.</p>	<input type="checkbox"/>	<input type="checkbox"/>
12801212	<p>Internal Tracking # 20310</p> <p>The %Breakdown Classification on the formulation output popup now allows for an override. This allows the output creator to offer a different classification than the classifications automatically calculated by the formula. The logic deciding when to push breakdown data to the specification is also extensible.</p>	<input type="checkbox"/>	<input type="checkbox"/>

Bug/Enh ID	Description	Pre Work Needed	Config
None	<p>Internal Tracking # 20609</p> <p>Configuration setting Common.Nutrition.Enabled provides the ability to hide nutrient specific sections and tabs in the following locations. By default, this is set to True.</p> <ol style="list-style-type: none"> <li>1. Nutrients tab on a material specification</li> <li>2. Nutrients tab on the formulation output popup</li> <li>3. The nutrients checkbox on the formulation output popup settings button; the label claims nutrient source on the settings button; the label claims action button in the output popup</li> <li>4. The Nutrients tab on the formulation input basis</li> <li>5. The nutrients section in eQ Admin - eQ building and data push screens;</li> <li>6. Nutrient Profile section on the Related Specs tab of a trade specification</li> </ol>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
None	<p>Internal Tracking #21945</p> <p>Global Succession now supports formulation context.</p>	<input type="checkbox"/>	<input type="checkbox"/>

### ***NPD (New Product Development) Enhancements***

Table: 1-8 NPD Enhancements

Bug/Enh ID	Description	Pre Work Needed	Config
None	<p>Internal Tracking # None</p> <p>NPD action items are now collapsible and have been rearranged in the following order: Project &amp; Activity, Signature Requests, and ISP Action Items.</p>	<input type="checkbox"/>	<input type="checkbox"/>
None	<p>Internal Tracking # 15736</p> <p>Nutrient Profiles has been added as a valid specification type to the "Provide Links to" section of NPD activity templates.</p>	<input type="checkbox"/>	<input type="checkbox"/>
None	<p>Internal Tracking # 15942</p> <p>You can now add a URL as a supporting document to the following controls:</p> <ol style="list-style-type: none"> <li>1. NPD Activity – Attach Files control</li> <li>2. NPD Project – Supporting Documents control</li> <li>3. NPD ISP and Strategic Brief – Supporting Documents control</li> </ol> <p>The current URL validation logic is configurable using a new configuration: "NPD.URLAttachment.ValidateProperURLFormatting.Enabled" value="true"</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>



Bug/Enh ID	Description	Pre Work Needed	Config
7501462 7352698 7107647 7107648 7107693 9882025 10199585	<p>Internal Tracking # 16491</p> <p>The following events were added to the validation framework:</p> <ul style="list-style-type: none"> <li>... NPD Project: Save, Workflow, Delete</li> <li>... NPD Activity: Save, Workflow, Delete</li> <li>... NPD ISP: Save, Delete</li> <li>... NPD Strategic Brief: Save, Delete</li> </ul> <p>See the <i>Agile Product Lifecycle Management for Process Extensibility Guide</i> for more information.</p>	<input type="checkbox"/>	<input type="checkbox"/>
None	<p>Internal Tracking # 17218</p> <p>The new NPD_PARTNER role associates a user of a partner organization so that he or she can collaborate with an organization.</p> <p>This feature provides for partner collaboration in NPD. Designated users can see action items and activities for another organization but projects are not accessible. Users can interact with activities and activity signature requests that they are directly associated with via ownership or signature approval.</p> <p>For more information, see the <i>Agile Product Lifecycle Management for Process New Product Development User Guide</i>.</p>	<input type="checkbox"/>	<input type="checkbox"/>
9589360	<p>Internal Tracking # 17629</p> <p>In a previous release, we added the ability to lock down private projects by defining authorized users. We have further refined authorized users as described below:</p> <p>NPD Activity: Additional Readers—Authorized if project is private  All Team Members (for the active Project Stage) —Yes, if selected  All Team Leaders/Project Readers (for the Project) —Yes, if selected  All Gatekeepers (for the active Project Stage) —Yes, if selected  All Additional Notification Recipients (for the active Project Stage) —Yes, if selected  All NPD Users—No  Respect Parent Activity—Yes, however it must consider all of these items  Users/Groups (On this Project Team) —Yes, if selected  Users/Groups—No</p>	<input type="checkbox"/>	<input type="checkbox"/>
None	<p>Internal Tracking # 17707</p> <p>The project schedule activity type now allows users to capture start and end date for stages, gates, and activities. This impacts the NPD project templates and activity instances. Please see the <i>Agile Product Lifecycle Management for Process New Product Development User Guide</i> for additional information related to the Project Schedule Activity Type.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Bug/Enh ID	Description	Pre Work Needed	Config
None	<p>Internal Tracking # 17708</p> <p>Two new fields are added to NPD's project to capture information related to a project's priority and risk. The fields are qualitative lists and can be managed via ADMN. The fields are defined as follows:</p> <ol style="list-style-type: none"> <li>1. Priority: This field captures an organization's perception or ranking of importance represented by a given project. The field is considered useful for collecting information and comparing the importance of one project to another. Expected values representing priority may include: High, Medium, Low or 1, 2, 3.</li> <li>2. Risk: This field captures an organization's perception or ranking of exposure or uncertainty represented by a given project. The field is considered useful for collecting information and comparing the uncertainty of one project to another. Expected values representing risk may include: High, Medium, Low or 1, 2, 3.</li> </ol>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
None	<p>Internal Tracking # 17879</p> <p>The Title field is now included on strategic brief templates and is a required field. All legacy strategic brief template titles will be defaulted to "---". Business Unit is now a required field.</p>	<input type="checkbox"/>	<input type="checkbox"/>
10406223	<p>Internal Tracking # 18738</p> <p>Specifications added to activities are now listed by specification number. This affects Action Item, Project and Activity Views.</p>	<input type="checkbox"/>	<input type="checkbox"/>
None	<p>Internal Tracking # 19166</p> <p>The Project Status section has been re-designed. The project's schedule is now prominently displayed on every tab. The new section displays the following: Stage Name, Gate Status or Name, Estimated or Actual Start and End Date, Estimated or Actual Launch Date and a convenient link to the current approved project schedule.</p> <p>Warning icons are now also displayed alerting users if a stage has not been started or completed by the estimated date.</p>	<input type="checkbox"/>	<input type="checkbox"/>

### ***NSM (Nutrition Surveillance Management) Enhancements***

Table: 1-9 NSM Enhancements

Bug/Enh ID	Description	Pre Work Needed	Config
None	<p>Internal Tracking # 15087</p> <p>The Context field was added to the Nutrient Analysis and Nutrient Composite pages. The field is available when the selected specification is a material created by a formulation specification. Select the formulation specification context from the drop-down list to show which formulation specification created the material.</p>	<input type="checkbox"/>	<input type="checkbox"/>

**PQS (Product Quality Scorecard) Enhancements**

Table: 1-10 PQS Enhancements

Bug/Enh ID	Description	Pre Work Needed	Config
9027746 8207882	Internal Tracking # 16664  You can now search for lot samples using new search criteria:  1. Notes 2. Location 3. Date Created 4. Internal Alias 5. GTIN/UPC/EAN 6. Log/Receiving # 7. Waybill/Invoice#	<input type="checkbox"/>	<input type="checkbox"/>
9126547	Internal Tracking # 17047  The Session Name field has been increased to accommodate 256 characters.	<input type="checkbox"/>	<input type="checkbox"/>
None	Internal Tracking # 17140  To enhance ease of use, action buttons were added to the bottom of the scorecard page in PQS.	<input type="checkbox"/>	<input type="checkbox"/>
7568492	Internal Tracking # 17598  In a session search, the default operator for Session Name has been changed to 'contains'.	<input type="checkbox"/>	<input type="checkbox"/>

**RPT (Reporting) Enhancements**

Table: 1-11 RPT Enhancements

Bug/Enh ID	Description	Pre Work Needed	Config
7568585	Internal Tracking # 16465  Configurable Report Engines—Custom reports can now be pointed to unique reporting engines by adding a reportEngineName="X" attribute to the Report and/or ReportGroup xml element in CustomerReportExtensions.xml file, where X is one of the following: "SQLReportingService", "OracleBIPublisher10_1_3_3", "OracleBIPublisher10_1_3_4", "OracleBIPublisher11_1_1_5". Customers must also update the environmentvariables.config file for those new entries, if needed.  Alternatively, if not specifying the reportEngine attribute for a group or report, it will use the default, which is assigned (and may be modified) in EnvironmentSettings.xml. See the <i>Agile Product Lifecycle Management for Process Custom Report Configuration Guide</i> for more information.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Bug/Enh ID	Description	Pre Work Needed	Config
None	<p>Internal Tracking # 18642</p> <p>Contextual Reporting—Multiple custom reports can now be linked throughout the application suite. Reports can be conditionally shown based on contextual information (specification type, edit versus read mode, or even custom logic).</p> <p>When a report link is selected, the Reporting application will now open in a popup window allowing the user to maintain the current context.</p> <p>The active object's identifier will be accessible so the report parameter can be pre-set with contextual attributes (active specification, specification attributes, etc.).</p> <p>This feature replaces legacy contextual reporting available in 6.0. If you were leveraging contextual reporting, navigational configuration will be needed. See the <i>Agile Product Lifecycle Management for Process Custom Report Configuration Guide</i> for more information.</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

### SP (Supplier Portal) Enhancements

Table: 1-12 SP Enhancements

Bug/Enh ID	Description	Pre Work Needed	Config
None	<p>Internal Tracking # 15942</p> <p>You can now add a URL as a supporting document to the following controls:</p> <p>Supplier Portal print dialog box – The URL and description are listed in the column with the other attachments.</p> <p>The current URL validation logic is configurable using new configurations:  "GSM.URLAttachment.ValidateProperURLFormatting.Enabled" value="true"  "SCRM.URLAttachment.ValidateProperURLFormatting.Enabled" value="true"</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
8995779	<p>Internal Tracking # 18010</p> <p>Configurable Supplier Portal Login Languages and Cultures—The login languages available in Supplier Portal are now configurable. For more information refer to the <i>Agile Product Lifecycle Management for Process Configuration Guide</i>.</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

**SCRM (Supply Chain Relationship Management) Enhancements**

Table: 1-13 SCRM Enhancements

Bug/Enh ID	Description	Pre Work Needed	Config
None	Internal Tracking # 8996  The lineage history control has been added to SCRM companies, facilities, and sourcing approvals. The following events are tracked: Create From Template, Create New, Import From.	<input type="checkbox"/>	<input type="checkbox"/>
8806692 9009372 10259788	Internal Tracking # 10218  The Signature Document section on Sourcing Approval >Signature Approval tab has been enhanced. It now contains fields for date, time, initiator, names of signature requestees, RAG status, and dates of signature requests.	<input type="checkbox"/>	<input type="checkbox"/>
None	Internal Tracking # 15942  You can now add a URL as a supporting document to the following controls:  1. SDM (Companies, facilities, specification-related and non-specification related sourcing approvals) – The URLs are listed on the Supporting Documents tab under Supplier Portal Documents. These URLs are listed in Supplier Portal with other documents. The Publish to Supplier Portal flag is respected.  2. SCRM Attachments (Companies, facilities, specification-related and non-specification related sourcing approvals) – The URLs are listed on the Documents tab under Supplier Portal Documents. These URLs are listed in Supplier Portal with other documents. A publish to supplier portal flag has been added to the URL control. On the Specifications tab, Supplier Portal Specification listing, the URLs are included in the sourcing approval attachments listing shown in the specifications list inside the sourcing documentation column. The Publish to Supplier Portal flag is respected.  The current URL validation logic is configurable using a new configuration: "SCRM.URLAttachment.ValidateProperURLFormatting.Enabled" value="true"	<input type="checkbox"/>	<input checked="" type="checkbox"/>
None	Internal Tracking # 17397  DRL association has been added to the SCRM facility. If the supplier is associated to that facility and the DRL document is published to the supplier, the supplier can now see the associated catalog/documents.	<input type="checkbox"/>	<input type="checkbox"/>

## UGM (User Group Management) Enhancements

Table: 1-14 UGM Enhancements

Bug/Enh ID	Description	Pre Work Needed	Config
None	<p>Internal Tracking # 10239</p> <p>You can now search by users by their roles. “Roles” has been added as a search criterion on the User Profile Search and Group Profile Search pages. A Roles section has also been added to the Access tab of user profiles. A read-only list of roles assigned to a user is now displayed in Profiles and Preferences on the Access Information tab.</p>	<input type="checkbox"/>	<input type="checkbox"/>

**Note:** Electronic Signature Passphrase and Proactive Translation Languages options have been added to UGM user profiles. See DR 19982 and 18010 in this document for more information about these features.

## WFA (Workflow Administration) Enhancements

Table: 1-15 WFA Enhancements

Bug/Enh ID	Description	Pre Work Needed	Config
8890115 10252590	<p>Internal Tracking # 16456</p> <p>While workflowing a specification or sourcing approval, the user could be presented with multiple optional listings for owners, notifications, and signature docs. For optional lists, the N/A option now defaults to selected so the user is not forced to select it for every functional group and visit every tab.</p>	<input type="checkbox"/>	<input type="checkbox"/>
9054244	<p>Internal Tracking # 17316</p> <p>This enhancement adds the ability to change the sending email address on GSM workflow notifications. The <b>FromEmail</b> address is configurable, using the value of “Prodika.From.Workflow.EmailAddress” inside the EnvironmentVariables.config file.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
None	<p>Internal Tracking # 19982</p> <p>eSignature—WFA workflows now allow for user re-authentication. eSignature functionality is available on Signature Requests and General Workflow Transitions for GSM specifications and SCRM sourcing approvals. When the user transitions a specification or signature document that has been setup for re-authentication, he or she will be asked to enter their passphrase.</p> <p>The out of the box implementation uses a user managed passphrase. This can be extended to use a single sign on solution. See the WFA chapters of the <i>Agile Product Lifecycle Management for Process Administrator User Guide</i> for more information.</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

## Extension Enhancements

Table: 1-16 Extension Enhancements

Bug/Enh ID	Description	Pre Work Needed	Config
None	Internal Tracking # 17275  A new extension point has been added to the Label Claim Determination tool. You can now add custom methods to label claim determination rules. This allows you to evaluate more data than just the current out of the box nutritional attributes that are available for rules. More details about this change will be available in a future extensibility pack release.	<input type="checkbox"/>	<input type="checkbox"/>
None	Internal Tracking # 18163  A new extension point has been added providing customers with the ability to turn on and off calculations based on custom logic. Customers can display a notification to users informing them that calculations have run or are not being run. The Calculation Veto Handler feature with optional notification display was added to the Save, Save and Close, and Calculate actions. More details about this change will be available in a future extensibility pack release.	<input type="checkbox"/>	<input type="checkbox"/>

## Installer Enhancements

Table: 1-17 Installer Enhancements

Bug/Enh ID	Description	Pre Work Needed	Config
None	Internal Tracking # None  Customer environments must be upgraded to .NET 3.5 SP1 to run this release. For more information, see the <i>Agile Product Lifecycle Management for Process Install/Upgrade Guide</i> .	<input checked="" type="checkbox"/>	<input type="checkbox"/>

# Chapter 2: Resolved Issues

---

*This chapter contains resolved issues for Release 6.1 of Oracle Agile Product Lifecycle Management for Process.*

---

## Resolved Issues

The following tables outline known issues that have been resolved for Release 6.1 of Agile Product Lifecycle Management for Process.

### General Resolved Issues

Table: 2-1 General Resolved Issues

Bug/Enh ID	Issue	Resolution
9285088	Internal Tracking # 17213  Per translation standards, studlycap strings are not translated.	We changed the string 'TopLevel Spec' to 'Top Level Spec'.
9285120	Internal Tracking # 17216  There is a missing "of" in the string '# Layers'.	The string now reads '# of Layers'.
9285151	Internal Tracking # 17217  The object was missing from two strings which resulted in translation errors.	The strings now read 'Resolved to (WORKFLOW NAME)' and 'Re-resolved to (WORKFLOW NAME)'.
11792582	Internal Tracking # 18013  The user is unable to search for GROUP using the Last Updated search criterion in the Oracle database.	The search is now successful.
11824422	Internal Tracking # 18916  A key is hard-coded for security purposes, but users need to be able to define their own key.	The key is now stored in the Configuration Dictionary database table and can be set by users.
12885252	Internal Tracking # 22033  The user receives a translation error in the certified Oracle database.	The error no longer occurs.



**ADMN (Data Administration) Resolved Issues**

Table: 2-2 ADMN Resolved Issues

Bug/Enh ID	Issue	Resolution
307961	Internal Tracking # 19037  The Add button inside the edit Spec Category Node was changed From 'Add' to 'Save' to better reflect the user action.	
12710993	Internal Tracking # 21061  ADMIN>CSS has no menu items displayed.	The configuration key is now defaulted to be off in the feature deployment configuration files as well as the base feature configuration file.

**CACS (Computer Aided Compliance Screening) Resolved Issues**

Table: 2-3 CACS Resolved Issues

Bug/Enh ID	Issue	Resolution
9415378	Internal Tracking # 17457  Upon exporting a list of CACS elements, the exported Excel sheet does not contain the correct hyperlinks behind the screen number.	The correct hyperlinks are now included.

**CSS (Content Synchronization and Syndication) Resolved Issues**

Table: 2-4 CSS Resolved Issues

Bug/Enh ID	Issue	Resolution
12736010	Internal Tracking # 22048  The user is unable to create mass TIPs when the specification is not in a publishable status.	Mass TIP creation is now successful.

**DRL (Document Reference Library) Resolved Issues**

Table: 2-5 DRL Resolved Issues

Bug/Enh ID	Issue	Resolution
	None	

**eQ (eQuestionnaire) Resolved Issues**

Table: 2-6 eQ Resolved Issues

Bug/Enh ID	Issue	Resolution
	None	

**GSM (Global Specification Management) Resolved Issues**

Table: 2-7 GSM Resolved Issues

Bug/Enh ID	Issue	Resolution
9380099	Internal Tracking # 17152  Chinese characters display as question marks in LIO specifications.	The characters now display correctly.
9783469	Internal Tracking # 17944  Nutrient properties containing duplicate sequence numbers caused additional issues.	Duplicate sequence numbers are now allowed.
12530034	Internal Tracking # 20398  Errors appear in historical signatures for signature documents.	Signatures are now linked to status occurrence and appear correctly.
12325353	Internal Tracking # 20403  The Markings tab is visible and should not be for printed packaging specifications.	The Markings tab no longer displays.
9572491	Internal Tracking # 20893  On the Testing Protocol Library page, Section Description text is not wrapped to fit in the box.	The text now wraps to fit.
12332282	Internal Tracking # 20894  For a NPD project linked to a formulation specification, the NPD Project Name text does not display a hyperlink to the user.	The NPD Project Name now displays a hyperlink.
12382182	Internal Tracking # 20896  Specifications created from eQ are not included in Action Items.	Workflow resolution for the specifications is now in place, and the specifications are included in Action Items.
12816570	Internal Tracking # 21591  The Submit button is susceptible to cross-site scripting.	Security measures are now in place.
12780991	Internal Tracking # 21593  LIO doubles the entries in the LIO tree when the user clicks <b>Cancel</b> and reloads the LIO.	Duplication no longer occurs.

Bug/Enh ID	Issue	Resolution
9801425	Internal Tracking # 21853  The formulation inputs on the formulation specification search page are duplicated.	Duplication no longer occurs.
10623019	Internal Tracking # 21854  When an external formula output specification (material specification) contains an equivalent number and its parent formulation specification is copied, the new formulation output contains the same equivalent number.	The equivalent number is no longer copied when an external formula output is copied.
10830389	Internal Tracking # 21855  Theoretical breakdown formula components are pushed incorrectly to formulation.	The components now push correctly.
11838113	Internal Tracking # 21856  Saving additional attribute search does not save criteria correctly.	Search criteria are now saved.
11866919	Internal Tracking # 21857  A formulation specification is not resolving to the correct workflow template when '+children' is selected for the newly added business unit.	The specification now resolves to the correct workflow template.
12625340	Internal Tracking # 21858  Packaging specifications of type 'Label' are not included on the list of packaging materials to be ordered when the user clicks <b>Order Packaging Materials</b> in the Packaging Materials section of the Packaging tab.	Packaging specifications of type 'Label' are now included on the list of packaging materials.
12922956	Internal Tracking # 21925  When attempting to workflow a printed packaging specification created from the Printed Packaging Material tab of a packaging specification, the user receives an unhandled error.	The error no longer occurs.
12702525	Internal Tracking # 21962  Compliance data is not transferred from the formulation specification output to the output material specification.	All compliance values rolled up from input materials of a formulation will be consolidated and pushed into the output material derived from formulation.
12912497	Internal Tracking # 21985  For trade specifications, the trade net weight is double counted if Cases/Pallets and Next Level Quantity are populated.	This issue has been resolved.

***NPD (New Product Development) Resolved Issues***

Table: 2-8 NPD Resolved Issues

Bug/Enh ID	Issue	Resolution
9285063	<p>Internal Tracking # 17214</p> <p>Because studlycap strings will not be translated we have made the following changes:</p> <p>‘IdeaWorkflow’ to ‘Idea Workflow’  ‘NPDProjectWorkflow’ to ‘NPD Project Workflow’  ‘NPDSignatureRequestWorkflow’ to ‘NPD Signature Request Workflow’  ‘NPDStategicBriefWorkflow’ to ‘NPD Strategic Brief Workflow’</p>	
9907480	<p>Internal Tracking # 17940</p> <p>After running a project search in NPD using a reverse proxy and opening a project, clicking <b>Run Previous Search</b> causes an error.</p>	The error no longer occurs.
10640485	<p>Internal Tracking # 18601</p> <p>Inactive users still appear as active in NPD and can be selected for projects and activities.</p>	Inactive users no longer appear as active.
8617421	<p>Internal Tracking # 19203</p> <p>Inactive users are receiving notifications on NPD activities.</p>	Inactive users no longer receive activity notifications.

***NSM (Nutrition Surveillance Management) Resolved Issues***

Table: 2-9 NSM Resolved Issues

Bug/Enh ID	Issue	Resolution
10353763	<p>Internal Tracking # 20897</p> <p>Nutrient source data does not fit in the Nutrient Source field.</p>	The field now expands.

**PQS (Product Quality Scorecard) Resolved Issues**

Table: 2-10 PQS Resolved Issues

Bug/Enh ID	Issue	Resolution
10358122	<p>Internal Tracking # 19201</p> <p>If a user does not complete a sample score, but saves the sample and later returns, the score cannot be changed.</p>	For all sample types, the user can return to a saved sample and update the score.

**RPT (Reporting) Resolved Issues**

Table: 2-11 RPT Resolved Issues

Bug/Enh ID	Issue	Resolution
None	<p>Internal Tracking # 20739</p> <p>Several qualitative lookup categories are unused and cause errors in the application.</p>	<p>The following qualitative lookup categories have been removed:</p> <ul style="list-style-type: none"> <li>EA-Activity Specification (Common)</li> <li>EA-Equipment Specification (Common)</li> <li>EA-Master Specification (Common)</li> <li>EA-Material Specification (Common)</li> <li>EA-Menu Item Specification (Common)</li> <li>EA-NPD Project (Common)</li> <li>EA-Nutrient Profile (Common)</li> <li>EA-Packaging Material Specification (Common)</li> <li>EA-Packing Configuration Specification (Common)</li> <li>EA-Printed Packaging Specification (Common)</li> <li>EA-Process Specification (Common)</li> <li>EA-Product Specification (Common)</li> <li>EA-Publication (Common)</li> <li>EA-SCRM Company (Common)</li> <li>EA-SCRM Facility (Common)</li> <li>EA-Sourcing Approval (Common)</li> <li>EA-Testing Protocol (Common)</li> <li>EA-Trade Specification (Common)</li> <li>TestingProtocolScope (Common)</li> <li>TestingProtocolStatus (Common)</li> </ul>
12643326	<p>Internal Tracking # 20966</p> <p>We added support for version of BI (11.x) certified for Windows 2008 R2.</p>	Modifications have been made to support BI Publisher version 11.1.1.5 for printing and reporting.

***SP (Supplier Portal) Resolved Issues***

Table: 2-12 SP Resolved Issues

Bug/Enh ID	Issue	Resolution
9406980	Internal Tracking # 17458  An error is generated and no specification prints when the multi-byte characters are used with the print template.	Modifications were made so multi-byte characters are now supported.

***SCRM (Supply Chain Relationship Management) Resolved Issues***

Table: 2-13 SCRM Resolved Issues

Bug/Enh ID	Issue	Resolution
9068030	Internal Tracking # 17315  Column widths were adjusted on the Supporting Documents grid for visibility purposes.	

***UGM (User Group Management) Resolved Issues***

Table: 2-14 GSM Resolved Issues

Bug/Enh ID	Issue	Resolution
	None	

***WFA (Workflow Administration) Resolved Issues***

Table: 2-15 WFA Resolved Issues

Bug/Enh ID	Issue	Resolution
	None	

***Infrastructure Resolved Issues***

Table: 2-16 Infrastructure Resolved Issues

Bug/Enh ID	Issue	Resolution
11828834	Internal Tracking # 19583  We have set the default install to SSL to prevent clear text passwords transmission.	

# Chapter 3: Hot Fixes

*This chapter contains hot fixes included in Release 6.1 of Oracle Agile Product Lifecycle Management for Process.*

## Hot Fixes

The following table lists hot fixes that are included in the Oracle Agile Product Lifecycle Management for Process 6.1 release.

Table: 4-1 Hot Fixes

5.2.2.19	6.0.0.3.46	6.0.0.3.65
5.2.2.20	6.0.0.3.47	6.0.0.3.68
6.0.0.1.17	6.0.0.3.48	6.0.0.3.69
6.0.0.2.2	6.0.0.3.49	6.0.0.4.6
6.0.0.3.16	6.0.0.3.51	6.0.0.4.7
6.0.0.3.18	6.0.0.3.52	6.0.0.4.9
6.0.0.3.24	6.0.0.3.55	6.0.0.4.10
6.0.0.3.36	6.0.0.3.56	6.0.0.4.4
6.0.0.3.41	6.0.0.3.61	6.0.0.4.18
6.0.0.3.42	6.0.0.3.62	
6.0.0.3.45	6.0.0.3.64	



# Chapter 4: Deprecated Features

---

*This chapter contains features that have been deprecated in Release 6.1 of Oracle Agile Product Lifecycle Management for Process.*

---

## Deprecated Features

The following features have been deprecated in the Oracle Agile Product Lifecycle Management for Process 6.1 release. All functionality and configurations associated with these features has been removed unless otherwise noted.

1. DR 17384 – The following legacy features have been removed.
  - ... Product Fact Sheets. Legacy Product Facts sheets are still printable
  - ... Nutrient Panel, Rounded and Final Values column from Nutrient Panel grid
  - ... Rounding Rules (also DR 19598)
  - ... WFA, Section Level Editing, Type Column from WFA permissions grid
  - ... For material (ingredient)/product specifications, Delivered Net Weight and Delivered Net Weight UOM
2. Reference Item Collections are now deprecated and no longer supported.
3. DR 17005, 21655 – We removed the legacy configuration entry  
GSM.NutrientProfile.IngredientStatement.CombinedStatement.Enabled = True from the base feature configuration file. The configuration is no longer used.
4. DR 22157 – We no longer use configuration entry GSM.ComplianceContained.SectionTitle.Enabled.
5. DR 20403 – The Markings tab has been deprecated for printed packaging specifications.

## Features to be Deprecated in a Later Release

The following features will be deprecated in a later release.

1. The out of the box LDAP authentication strategy will be deprecated in a future release. Therefore, it is being included as a reference implementation in the Extensibility Pack. Clients wishing to implement their own authentication strategy may do so using a custom implementation. Please see the *Agile Product Lifecycle Management for Process Extensibility Guide* for more details.
2. Analytical properties will be deprecated in a future release.
3. DR 18164 – The following configuration lines were added in Release 6.1 and by default calculations will only run in edit mode. The ability to run formulation calculations in read mode will be deprecated in a future release.

Config lines added:

```
<add key="GSM.FormulationSpec.OutputCalculationsInReadModeDisabled" value="true"
  configDescription="Don't recalculate the output when in read mode"/>
```

```
<add key="GSM.BomCalc.FilterBomCalcEventsInReadModeEnabled" value="true"  
configDescription="ignore bom calc events when in not in edit mode on the spec."/>
```