

Oracle Agile Product Lifecycle Management for Process
Release Notes
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Oracle Agile Product Lifecycle Management for Process Release 6.1.1.5 Release Notes
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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: Enhancements

This chapter contains enhancements for Release 6.1.1.5 of Oracle Agile Product Lifecycle Management for Process.

Summary

Release 6.1.1.5 is a Maintenance Pack Release including zero-impact enhancements, extensibility point additions, bug fixes and previously released hot fixes. If you are on a previous 6.1.1.x release, to ensure the highest application stability possible, you are strongly encouraged to upgrade to 6.1.1.5. Please read through all Resolved Issues and Hot Fixes to fully understand what is included in this release.

Enhancements

Installation & Configuration Improvements

Deploy Maintenance Pack using an Installer

A new installer has been created to streamline the installation of Maintenance Packs. Details are included in the *Agile Product Lifecycle Management for Process Maintenance Pack Installation Guide*.

Note: The Installer provides an improved user installation experience offering speed of deployment and reduced user errors due to merging of configurations. Please note the following limitation: It is currently not possible to run the Installer for multiple instances of PLM for Process on a single server. If you need to install or upgrade more than one instance on a single server, please refer to Appendix A of the *Agile Product Lifecycle Management for Process Maintenance Pack Installation Guide* for steps to manually install Agile PLM for Process Maintenance Release 6.1.1.5.

Updated the Environment & Configuration Information page for Troubleshooting Customer Issues

The Environment & Configuration Information page has been updated to include more information about your environment. As this page contains potentially sensitive information, this page is now protected and only accessible to users with the [CONFIG_ROLLUP_VIEWER] role.

For more information, see the “Environment & Configuration Information” section of the *Agile Product Lifecycle Management for Process Configuration Guide*. See the *Agile Product Lifecycle Management for Process Administrator User Guide*, Appendix A, for a list of all system-based roles including CONFIG_ROLLUP_VIEWER.
(36893)

Extensibility Points

Added New Event Framework

We have provided a new Event Framework to provide a consistent, extensible, and flexible way to handle raised events throughout the application suite. Customers can subscribe to and act on core application events by leveraging out of the box or custom event subscribers. System events are raised for actions such as Save, Workflow, Read, Print, Login, and more, and are currently active in GSM, SCRM, PQM, and NPD (Projects and Activities).

See the *Agile Product Lifecycle Management for Process Extensibility Guide* in the Extensibility Pack release for more details.

As part of this change, a new Remoting Container service, the Database Eventing Expiration Service, has been added to manage specific Event Framework subscriber data. This service is disabled by default, and should be enabled and configured when using the Event Framework. A new environmentvariables.config entry, Prodika.DBEventingExpirationService.Port, has been added to configure the port number.

See the Event Framework documentation in the Extensibility Pack release for more details about the Database Eventing Expiration Service.
(35176)

Added New Session Based Audit Logging for LMS (Licensing)

The High Level Audit Logging feature logs coarse grained usage information to the database for each user session. The intention of this data is to help administrators answer the following questions:

- Which users are using the system?
- Which applications are they using?
- When are users on the system?
- For how long are they logged in?
- How many users are simultaneously on the system over the span of a day?
- Are users sharing User IDs?

Using the logged data, reports can be written to answer these questions.

An HTTPModule is used to write to the database.

The following configuration enables and disables Audit Logging:

```
<add key="Common.AuditLogging.Enabled" value="true" configDescription="enables logging" />
```

This configuration determines which .aspx to log:

```
<add key="AuditLoggingHighLevelEnabledPages" value="/baseforms/,/BaseForms/,/MainPage/,/main/,/portal/" />
```

Performance tests have shown that enabling High Level Audit Logging has negligible impact on performance. The user experience will not be impacted. For more information, see the “High Level Audit Logging” section of the *Agile Product Lifecycle Management for Process Configuration Guide*.
(36717)

Added New Format Plugin (19003605)

The OriginalMaterialIdentityPlugin was added to the Formulation Inputs' Alternates grids "Alternate Output - Original Material" and "Alternate Input - Original Material". By default this plugin will display the specification name.

For more information see the Material Identity Plugin section in the *Agile Product Lifecycle Management for Process Extensibility Guide*.
(36259)

Added Validation Framework to UGM

Save and Workflow validation framework events have been added to UGM. To learn more about the Validation Framework see the *Agile Product Lifecycle Management for Process Extensibility Guide*.
(37157)

Added New User Interface Extensibility Touch Points

Several new extension points have been added for use in the User Interface Extension feature. You can now add UI Extensibility to the following new locations:

- NPD Activity Editor popup
- GSM Action Items page
- Supplier Portal Spec Summaries page
- Supplier Portal Print popup
- The site wide application footer

See the User Interface Extensions documentation in the Extensibility Pack release for details.
(34842)

Expanded Multi-Lingual Support

Added Additional MLS language support for all languages supported by the .Net API

We added all languages supported by the .Net API into core for future language growth. For a full listing see the *Agile Product Lifecycle Management for Process Configuration Guide*, Chapter 1.
(36956)

UGM Admins can now have a default language other than English

UGM Admins can now set their default language to any NLS approved language.

We have added a default validation framework plugin that is required when managing groups. This plugin will auto populate an English group name on save if one does not exist. This feature is described in more detail in the Validation Framework section of the *Agile Product Lifecycle Management for Process Extensibility Guide*.
(37158)

Chapter 2: Resolved Issues

This chapter contains resolved issues for Release 6.1.1.5 of Oracle Agile Product Lifecycle Management for Process.

Resolved Issues

The following tables outline known issues that have been resolved for Release 6.1.1.5 of Oracle Agile Product Lifecycle Management for Process.

General Resolved Issues

Table: 1-1 General Resolved Issues

Bug/Enh ID	Issue	Resolution
None	In GSM, SCRM, and PQM, historical signature documents are not linked in the View Historical Signature Documents popup.	To meet the requirement for Part 11 Compliance, historical signature documents are now linked. (34619)
	The Please Wait splash screen is missing in various locations.	<p>The Please Wait splash screen was added to the following locations:</p> <ul style="list-style-type: none"> ▪ EQT Search Screen when hitting Enter instead of clicking Search ▪ GSM Specification Workflow Popup ▪ GSM Formulation Specification output and basis popup when clicking Done <p>(35917, 36389, 36895)</p>
None	Thread local storage (TLS) performance issue occurred when getting execution context. Noticed CPU contention when performing load testing.	The performance has been improved. (36935)
18399989	On the navigation bar, a newly added Customize button is not on same level as the Application button.	We changed the menu loading scripts (javascript) and menu related CSS so the Customize button can be added to the same level as Application button. (35210)
18434052	The “Please Wait” message does not appear on search after pressing Enter .	The “Please Wait” message was added. (35327)

Bug/Enh ID	Issue	Resolution
18451901 18560929	Error message “ <i>NO TRANSLATION FOUND FOR lblSessionWarning</i> ” displayed when the session timed out.	We added new error message “ <i>Session will timeout, causing loss of any unsaved data.</i> ” (35459, 35685)
18596826	An error “SYSTEM.NET.MAIL.SMTPEXCEPTION: SERVICE NOT AVAILABLE, CLOSING TRANSMISSION CHANNEL” received and notifications not sent.	The TCP connection to the SMTP server will be re-created if the connection was disrupted. (35715)
18615688	When attempting to view templates, the user receives an error: No translation found for LBLVIEWPROCESSTEMPLATE.”	The error no longer occurs. (35754)
19077547	An unhandled error was received when attempting to attach a document to a specification that has a name longer than 128 characters.	UI input field exceeds that allowable by the column’s data type length in the database. The UI input field was adjusted to match the data type length. (36411)

Computer Aided Compliance Screening (CACS) Resolved Issues

Table: 1-2 CACS Resolved Issues

Bug/Enh ID	Issue	Resolution
19369015	When a CACS is run against an output material specification from a formulation specification or from an output material specification, different results are returned.	When getting custom sections for referenced output material, we should use custom sections in the material directly instead of custom sections in formulation overrides. (36916)
19431185 (1OFF: 19469008)	When using CACS to inspect a formulation output material specification, the CACS result is not as expected. The material should be 100% compliant but the results show failures.	We removed an invalid conditional statement when the user tries to get Countries Of Origin.(37073)

Data Administration (ADMN) Resolved Issues

Table: 1-3 ADMN Resolved Issues

Bug/Enh ID	Issue	Resolution
None	Process specification should be removed from the extended attribute Available In popup.	It has been removed. (30906)
None	When there is an error in the export/import process, the error gets swallowed/re-thrown. This leads to a long troubleshooting time with customers to figure out what exactly caused the import process to fail.	We added a log for the import process. (32648)

Bug/Enh ID	Issue	Resolution
None	An error page appears when the user clicks the Preview button in a custom section when the section name is not entered.	If section name is not entered, set it to "" instead of NULL. (37592)
18764556	User received an unhandled error when attempting to add a new extended attribute to a specification without flushing the cache. This only occurred in a Source environment or a dev environment where user did not have a dedicated ADMN server.	We added a friendly message: <i>"There might be newly added Extended Attributes, please flush Extended Attributes first."</i> (35926)
19237327 (1OFF: 19286408)	The ExternalID column on the COMMONSMILTAXONOMYNODE table is being nulled out during Data Admin import.	The solution was to set the correct external ID during export. (36564)

Document Reference Library (DRL) Resolved Issues

Table: 1-4 DRL Resolved Issues

Bug/Enh ID	Issue	Resolution
None	When clicking on an attachment where the file does not exist on the file system, user receives the following or similar error: System.NullReferenceException: Object reference not set to an instance of an object. at Xeno.Prodika.XenoDoc.DRL.WSBasedDrlAttachmentDocument.get_MimeType() at Xeno.Web.UI.Common.Attachment.SDM.SDMAttachment.GetThumbnail(String pkid, Int32 width, Int32 height, String authCode) at Xeno.Web.UI.Common.Attachment.SDM.SDMAttachment.GetDocument(String pkid, String authCode)	Friendlier error message now displayed: "File Not Found: The attachment you are attempting to open is missing from the file system. Please contact your Systems Administrator." (36007)
18268290	When no DRL classifications have been loaded to PLM for Process, the system throws a stack trace error when creating a DRL document and clicking on the Classification button.	Classification is not a required field and therefore should not throw a stack trace. The system no longer throws a stack trace if no DRL classifications are loaded to PLM for Process. (34896)
18547104	PLM for Process renames an attachment to DrlAttachmentViewerPopup.pdf when downloading from DRL.	The Internet Explorer and Acrobat reader plugins have a problem identifying the real file name in http response headers. Now the real file name is part of the URL and is no longer an issue with the plugin. (35655)
19374116	User receives an unhandled error when attempting to attach a file that is larger than 11MB.	A friendly error message was added: <i>"The file is too large or an unknown server error has occurred."</i> (36867)

eQuestionnaire (eQ) Resolved Issues

Table: 1-5 EQ Resolved Issues

Bug/Enh ID	Issue	Resolution
None	After adding a new attachment to an eQ in Supplier Portal, the attachment cannot be removed using the red delete icon. The following error is thrown: Operation failed: [object Object].	The user can now delete attachments in Supplier initiated eQ. (34678)
None	eQ incorrectly pushes nutrient values as 0 when it should be NULL.	When values are NULL, the green arrow will be hidden and act as if nothing was sent back. If all values are NULL, the red arrow will also be hidden. (36429)
17667825	The Send button should be disabled for archived eQs.	<ol style="list-style-type: none"> 1. If user changes status from Submitted to Archived, then clicks Return to Supplier, when the supplier opens the link sent by “Return to Supplier”, he can access and edit it. 2. If user changes status from Sent/In Progress to Retract then to Archived, since the supplier has never received an eQ link, when he goes on opening the link sent by “Send eQ” and logs in, he gets the error: “<i>This questionnaire was retracted and you can no longer edit it.</i>” 3. If user changes status from Submitted to Archived, but does not click Return to Supplier, when the supplier opens the eQ link he received before, it should be shown in read mode. <p>(34653, 36425)</p>
18810522	Supplier eQ breakdown control missing the ability to add multiple components to the breakdown control at once.	The standard “Multi-Add” button now appears. (36526)
18845995	eQ is not defaulting to the first UOM in the list when the supplier enters nutritional values.	UOM is defaulted to the first UOM in the list so suppliers don't have to select the UOM directly. (36312, 36426)
19239905	Supplier eQ breakdown control is missing the reorder button.	The standard “Order” button now appears. (36527)
19296834 (1OFF: 19432377)	Allergens are not importable through eQ when using the red arrow. The red arrow is only available when requesting complies with data. When requested, allergens are not listed and the red arrow does not import data.	Allergens are can now be imported using the red arrow. (36771)

Bug/Enh ID	Issue	Resolution
19423129 (1OFF: 19431898)	EQs are not assuming the current specification data when transferring nutrients from eQ to a GSM product specification using eQ>>GSM. The nutrient's data source information if it is from NSM on the existing specification is lost. Once import is done and on the Nutrition tab, the sources of these nutrients are not from NSM. Instead, it shows '-- Select from the list --'.	Nutrient properties are no longer lost during the eQ to GSM transfer. (36953)

Global Specification Management (GSM) Resolved Issues

Table: 1-6 GSM Resolved Issues

Bug/Enh ID	Issue	Resolution
None	Saving failed with error message: "Specification must have an approved usage with a business unit specified," when attempting to remove all BUs from a specification template.	Added a new column in table gsmApprovedUsage to indicate if one ApprovedUsage is default, others added by user will be set as non-default. (30882)
None	On a Formulation specification on the Compliance tab of the Input Basis, if cancel the formulation specification, the override is deleted.	Override is not lost after cancelling the formulation specification. (32621)
None	Default behavior is always moisture in Adjust.	Calculations are now correct. The Yld calculates correctly and the behavior shows material in Adjust. (34763)
None	Orig Materials can't be changed to the latest revision in Alternate Output items.	The Orig Material in Alternate Output Items is changed to the latest revision. (34818)
None	Add a warning message when you calculate total solids/total moisture on a material specification and your % Breakdown does not equal 100% or a component in the % Breakdown does not have a % Formulation value.	Warning message added when the % Breakdown does not equal 100%: "Your regulatory breakdown does not equal 100% or is missing % formulation values." (34828)
None	When the user clears the % formulation, the % formula displays as -1234567890.	The correct % formula displays. (34829)
None	Total Solids values are incorrect in LIO if valid breakdown is adjusted while invalid breakdown is not adjusted.	The values are now correct. (34840)
None	We should not include regulatory breakdown if total breakdown = 0%.	We do not include regulatory breakdown if total breakdown = 0%. We do not rollup empty regulatory breakdowns or regulatory breakdowns where the total = 0%. They are treated as if they do not exist. (35061)

Bug/Enh ID	Issue	Resolution
None	Available UOM conversions can be deleted after the specification is saved without the [AVAILABLE_UOM_ADMIN] role.	<ol style="list-style-type: none"> 1. The user adding the UOM conversion data can make any changes as long as the specification has not been saved. The role is not needed for this. 2. Once the specification has been saved, a user must have the AVAILABLE_UOM_ADMIN role to edit UOM conversions. 3. If the specification has been consumed, no edits can be made regardless of role unless the user removes the consumption. (35413)
None	Oracle indexes were added to improve GSM formulation performance.	(35482)
None	Error when trying to search for equipment templates.	URL references were updated so that this error no longer occurs. (35688)
None	Cannot search trade template by Item Type.	Search by Item Type works as expected. (35699)
None	LIO disclosure should not work on materials.	Disclosure functions are now not available for materials. (35839)
None	Nutrition panel is not calculated after updating per serving. Calculation only occurs when on the nutrition panel.	Nutrition panel is now updated after updating per serving. (35901)
None	Index added to improve performance when saving a formulation specification.	The correct calculations now take place. (35904)
None	Cannot access the LIO Construction tab if the target specification's breakdown name is - - -.	The Construction tab is now accessible, (35919)
None	Convert INSERT/DELETE statements to UPDATE statements.	To further improve performance when saving a formulation specification, SQL queries for updating the TheoreticalCompliance and TheoreticalConstitution tables were converted to UPDATE statements. (35933)
None	Indexes were added to improve performance of opening the output popup on a formulation specification.	(35935)
None	<p>Scrap Factor is not included in the calculation of tare. Scrap factor should be considered when calculating tare.</p> <p>Example: Pkg A goes in at 2kg with a scrap factor of .5. Tare weight should calculate to be 1kg.</p>	<p>This is considered a change of behavior, so a new config was added and defaulted to False to ensure this does not affect current customers who may not want to consider Scrap Factor in their calculations.</p> <p>GSM.TradeSpec.IncludeScrapFactorInTare.Enabled = false</p> <p>Config description: Includes the trade spec's scrap factor in the Tare Weight calculation. (36059)</p>

Bug/Enh ID	Issue	Resolution
None	With the PQM Extensions Solution Pack and the Preferred UOM column installed in the input Quantity Path, when changing a step behavior from “Standard” to “Consumer Prep” in a formulation specification with General Preferences Path set to “Input Quantity”, the user receives a stack trace upon save.	The error no longer occurs. (36103)
None	The cost set dropdown causes performance issues when there are a lot of cost sets to choose from.	The cost set drop down in Profile and Preferences has been changed to use the single select shuttle tool control because of the potential for a large number of options in the field. For more information, see the <i>Agile Product Lifecycle Management for Process Getting Started Guide</i> . (36275)
None	<p>Adjusters - % of Formula Path is not working properly.</p> <p>The System currently cannot logically allow multiple rows of adjusters when using inputs or tags and the % of Formula path.</p> <p>To reproduce this problem:</p> <ol style="list-style-type: none"> 1. Open formulation Adjusters popup 2. Add adjuster row, selecting an input or tagged group. Select any behavior. Select the % of formula path. Enter a target value. Take note of what you entered 3. Add a new adjuster row, selecting an input or tagged group. Select any behavior. Select the % of formula path. Enter a target value. Notice how the row's value above changed. 	<p>To solve the problem:</p> <p>GSM.Formulation.Adjusters.Multi-PercentFormulaPath.Enabled = False. The System will now remove % of formula path option if one is already selected in other rows. (This will be the default behavior.)</p> <p>When GSM.Formulation.Adjusters.Multi-PercentFormulaPath.Enabled is set to true the following occurs:</p> <ol style="list-style-type: none"> 1. When a “second” row with the path of % formula is added the system will display the following modal window and message: <p>“A target approximate yield is required before you can specify multiple adjusters using the % of Formula path. This total is a reference weight for calculation purposes only. Your formula will not be scaled to this value.”</p> <p>Target Approximate Yield: [NUMERIC TEXT FIELD] > Pre-seeded with the current calculated yield (all previous adjusters should be applied).</p> <p>If a user selects Cancel the path select reverts back to fact. If they select Done then the new approximate yield target text field will be displayed below the adjusters grid with the value they supplied. This value will not be editable. The user will need to delete the % of formula adjuster and re-initiate the modal if they need to change the value.</p> 2. This reference weight will be displayed only when there are more than one % of formula paths. If the user deletes a row or change the path of and adjuster the reference weight will no longer be shown. This reference weight will not be stored and is only used for calculations. For example, if you used multiple % of formula adjusters closed and reopened the adjuster window you would not see the referenced weight because all adjusters are now factors.” <p>(36313)</p>

Bug/Enh ID	Issue	Resolution
None	Lower level rollup does not work if more than one breakdown exists.	The rollup works with more than one breakdown. (36337)
None	Design Attribute overrides are not rolling up.	Design attribute overrides on the intermediate outputs are rolling up properly, for example Density and Total Solids. (36528)
None	Custom sections should not automatically push to Referenced Output Material.	Custom sections are no longer pushed. (36857)
None	Add New->From Template should display under the supplier grid of the specification's Reference tab if the user has the following roles: [SCRM_FACILITY_READER], [SCRM_COMPANY_READER], [CREATE_FROM_TEMPLATE_5012]	ADD [SAC_CREATOR]/[CREATE_FROM_TEMPLATE_5012], [SCRM_COMPANY_READER], [SCRM_FACILITY_READER] to control visibilities of the Import button and Add New panel. (37039)
None	Getting error when clicking import from supplier's grid spec when the user has roles: [SAC_CREATOR] [SCRM_COMPANY_READER] [SCRM_FACILITY_READER]	Added [SAC_CREATOR]/[CREATE_FROM_TEMPLATE_5012], [SCRM_COMPANY_READER], [SCRM_FACILITY_READER] to control visibilities of the Import button and Add New panel. (37040)
None	The override of extended attributes in input basis can't be rolled up into output.	The theoretical of extended attributes now rolls up the override in input basis. (37595)
None	Output material can't get GetNutrientValuePerServing extended attribute value from the Formulation output popup.	The value is now passed correctly. (37651)
16802687	User cannot hide the Menu Item and Product Specification types from the Search Source drop-down on the Specification to Remove popup from the Details tab of a Smart Issue request.	Specification types can now be hidden with the following configuration entries: GSM.EQT.SpecSummary.MenuItemSpec.Enabled Definition: Enable Menu Item Specifications in Smart Issue search source drop down list. GSM.EQT.SpecSummary.ProductSpec.Enabled Definition: Enable Product Specifications in Smart Issue search source drop down list. (32429)
18173530	Internal Step Outputs are incorrectly included when printing a formulation specification with expanded Bill of Materials.	Internal Step Outputs are no longer included. (34789)

Bug/Enh ID	Issue	Resolution
18328596	Changing the print template does not change the default setting for document control when modifying the printsettings.config.	PLM for Process will now respect the default setting per documentation. (35014)
18348292	The user cannot clear the Short Name field on a formulation specification after it has been saved.	The user can now clear the Short Name on the formulation specification and it will not reappear after saving. (35009)
18348428	The minimum storage temperature and maximum storage temperature fields on a trade eQ do not allow negative numbers.	PLM for Process now allows negative numbers for these fields. (35010)
18390361 (1OFF: 18663986)	User is unable to view material costs on some formulas due to multiple post backs after selecting value from cost drop-downs.	This occurred when the settings change event and reloading page ctlFormulationInputs happened concurrently. As a result sometimes the cost value was not displayed in formulation specifications. Resolution: We changed the sequence of the above two events. Settings change events are now run before reloading page ctlFormulationInputs. (35347)
18421066	Activity type is displayed twice when creating an activity specification.	The WFA GSM activity template BU resolution criteria are checked, and duplicates no longer display. (35328)
18453036	The print section is missing fields for Density, Reference Amount, and Classification.	Density, Reference Amount and Classification are added to the section when printing. Reference Amount and Classification will honor the config key GSM.LabelClaims.Enabled, the same way they did on the web page. (35690)
18502879	In LIO, the cursor jumps to the end of the term name after every letter or space entry when attempting to rename terms in LIO Profile / LIO Construction tab.	The cursor no longer jumps to the end of the term. (35613)
18552828 (1OFF: 18559844)	GSM search presenting user with generated SQL.	This performance issue was resolved by not loading related material specifications and formulation specifications when getting cost values. We now load cost value directly by dynamic SQL. (35660)
18620074 (1OFF: 19072671)	A user cannot print a report when formatting using just the RTF editor.	We implemented a javascript-based html parser to fix the missing tags, nested tags, and unquoted attributes of the rich editor-generated html. This made it valid xml source. (35793)
18653103	The Current Owner shows the owner and the workflow user assigned to work on the specification when attempting to workflow a formulation output specification.	This was caused by an incorrect owner exists check in resolve workflow and graduate specification. Now, the current owner is shown. (35764)
18655562 (1OFF: 18697709)	The user receives an arithmetic overflow error in LIO.	The error no longer occurs. (35817)

Bug/Enh ID	Issue	Resolution
18714232	N/A is not unchecked on optional notifications.	<ol style="list-style-type: none"> 1. Selecting any user unselects N/A. 2. Selecting N/A unselects all other selections on that tab. 3. N/A is isolated per functional group. <p>For example,</p> <p>Development functional area could have N/A selected while the nutrition functional area on the next tab has Bob and Sally selected.</p> <p>N/A means this functional area is not applicable.</p> <p>(35859)</p>
18727175 (1OFF: 18818584)	In Global Succession, a comment overwrites the comment of a workflow status if it is an active status. The data is still accurate in the database, but the UI is displaying the wrong data.	Stored procedure updated to populate the correct value. (35900)
18798209	The user receives an unhandled error when attempting to up issue or copy a formulation. This only occurs when there are multiple instances of the same input in a single step with the same yield. This is a non-standard use case.	We used materialPKID + “_” + step + “_” + yieldValue as the key for old -new step PKID mapping dictionary. However, since there can be multiple instances of the same input with the same yield, this key identifier is invalid. We included the input PKID to prevent this in the future. (36010)
18858380	Alternate packaging substitutes are not updated with replacing specification after global succession.	Alternate packaging substitutes are now updated. (36056)
18858959	Unit of measure PPB is required.	Added Parts Per Billion (PPB) as an available UOM. (36130)
18859516	When creating a formulation template, the template for external product output cannot be removed.	The template can now be removed. (36129)
18919001	Performance degraded on second save event for a formulation specification.	Unnecessary deletes/inserts were removed for Theoretical and Owner records. (36131)
18925945 (1OFF: 19049371)	A user is unable to edit quantities of input items in formulation when all steps are isolated and outputs are dispersed across multiple steps.	This is only a bug when all steps (except the final) are isolated and the user has dispersed 1 or more outputs across multiple steps (ex. Output A is partially consumed in step 2 and step 3). Logic was added to exclude isolated steps from the guard condition preventing editing of yield values in the final step. (36305)
19023475 (1OFF: 19555011)	User experiences an unhandled error when clicking the Where Used link under the References tab.	Script fix for Oracle only. (36374)

Bug/Enh ID	Issue	Resolution
19137767 (1OFF: 19142519)	The density on the output popup does not match the density on the material output.	<p>If GSM.FormulationSpec.OutputComposition.Normalization.Enabled = false, and a material specification contains a breakdown that does not equal 100%, when the user edits the output popup of that material specification, the density on the output popup displayed a precision 5. After clicking Save, this new value was updated to the output popup but not pushed to the material output.</p> <p>The solution is always displaying the full precision in read mode and edit mode for density in both the output popup and the basis input popup. (36482)</p>
19181520	Spaces and new lines were not always respected during print.	Spaces and new lines are now respected. (36892)
19189689	A calculated extended attribute (EA) appears editable in a custom section for specification types that are not supported	<ul style="list-style-type: none"> Added the support for calculated EAs for all specification types that support EAs (Activity, Master, Packing Config, and Smart Issue). Removed objects from Available In drop-down where EAs are not supported (Delivered Material, Labeling,). (36561)
19220939	Comments are not saving in the Nutrition tab of a formulation output.	Comments now remain based on the nutrient ID they were added with. (36560)
19270549	The Packaging Item Type field does not stay locked.	It now stays locked. (36637)
19325016 (1OFF: 19423829)	When a user attempts to change UOM of QTY to Count or Units for a packaging material in a process step in a formulation, an error is thrown. The value was either too large or too small for a decimal.	We now show a more friendly error message to users: <i>"Value was either too large or too small for a Decimal, please select a proper UOM."</i> (36814)
19365087 (1OFF: 19382270)	Near real time denormalization is not denorming changes that are pushed from formula to the material output.	<p>This is caused when the formulation output material pkid is not added in the denormalization request when the output type is not referenced.</p> <p>The issue is fixed by adding the output material pkid to the denormalization request for internal and external output types. (36839)</p>
19375615	When creating a new formula by copying from a previously converted formula, the individual extended attributes (EAs) are missing on the output popup of the new formula created. These EAs are found in some of the material specifications that are part of the BOM for the formulation specification. These EAs are not found in the formulation output material specification's Ext Data tab after it was first created, refreshed and saved and closed.	This was caused when the merged Spec Attributes is cached and is not the latest one. Now, when clicking the Refresh button, we clear that cache. (36868)

Bug/Enh ID	Issue	Resolution
19436516	On the Approval/Audit tab, event history/status is confusing as it only shows the FROM status.	A new column was added to display the TO status. (36965)
19509120 (1OFF: 19517784)	User received unhandled error when attempting to open the References tab of a trade specification. This is because there are duplicate input materials in the formulation specification.	We now handle duplicate materials when building the dictionary of WaterGainLoss factor for each input. (37210)
19509355	Arithmetic operation errors in LIO and corresponding context/formulation specification.	Script fix for Oracle database only. (37319)
19545885	Saving formulation specification times out when consuming more than 6 internal outputs in a single step.	We added the configuration below: <code><add key="GSM.BomCalc.MultiplePassthrough.Enabled" value="false" configDescription="BOM step recalculation while processing the step graphs dependencies. Should be disabled in GSM or CustomerSettings.xml for improved performance. This is always enabled in Optimization."/></code> (37282)
19548290 (1OFF: 19555257)	Arithmetic overflow occurs when opening an LIO profile.	We implemented a script fix for Oracle database only. (37318)
19564751 (1OFF: 19572510)	After a global succession is completed for one of the inputs for a formulation specification, the workflow user name in the Signature Document section in the Approval/Audit Trail tab is replaced by the username that issues the global succession.	Issue is resolved in code by loading the correct owner. (37741)
19588024	When an input material nutrient value changes past the 5th decimal, the amount will not roll up into the formula after refreshing. This is because PLM for Process evaluates up to 5 decimals to determine if there is a significant change.	PLM for Process now evaluates up to 12 decimal places when performing a refresh and pushing to the output material. (37408)
19590187	In GSM Formulation, when using fixed input % as your calculation path and disabling normalization via GSM.BomCalcPath.FixedInputPercent.Normalization.Enabled, the % Yield will still normalize to 100%.	The following changes were implemented: <ol style="list-style-type: none"> 1. Removed assign value to total yield when selecting fixed percent. 2. Corrected the normalization check against the target step. The % Yield now remains the entered value and does not normalize. (37467)
19621574	When copying a formula, the Created Date on the specification summary record is incorrect on material output specifications.	We addressed this by setting the CreatedDate for the output material. (37467)

New Product Development (NPD) Resolved Issues

Table: 1-7 NPD Resolved Issues

Bug/Enh ID	Issue	Resolution
None	An error occurred when searching for NPD projects by Project Visibility with 'Contains All'. The length of alias table name, same as table name, cannot exceed 30, which is the table name limitation in Oracle database.	Created a table view to take part in table join event. (34680)
None	Redundant templates display when selecting a strategic brief template.	The selected template only displays once. (34688)
None	The user receives a stack trace error when selecting second level green plus icon in NPD search.	The error no longer occurs. (34705)
None	The Activity Metrics section exists on Project Schedule or Project Summary/Update Activity Types even though these activity types do not support them.	The section was removed for these activity types. (34706)
None	Project Template Maintenance gets an error if the template contains an attachment.	The error no longer occurs. (34864)
13850560	Similar to GSM, a simple locking strategy is needed in NPD to prevent multiple users from editing the same data at the same time, potentially creating bad data.	<p>Cross session editing validation has been add to NPD, using XDataObjectOptimisticLockingManager, just like other apps. Now, if one NPD item open by multiple users at same time, only changes by one user will save successfully. Others will get a friendly error message when saving:</p> <p><i>"This object has been updated by %ObjectName% since you have opened it. Select cancel to refresh this object. Any changes you may have made will be lost, please make your changes again."</i></p> <p>%ObjectName% is a dynamic value depending on the current operation. (30892)</p>
18660717	If the project schedule is updated in NPD and some custom milestones are added and the Planned End dates are filled, the rows stay unsorted on save.	The activity now is reloaded after save, and rows are sorted. (35788)
18670241	An apostrophe in the user's last name causes an unhandled error in the activity template.	An apostrophe no longer causes an unhandled error. (35787)
18762998 (1OFF: 18763917)	An exception error is thrown when the user attempts to move an activity to the next status.	We removed the assertion in SendSigRequestEmail method of the NPDActivityProcessPeer class as we no longer need to verify that web context is present. The error no longer occurs. (35925)

Bug/Enh ID	Issue	Resolution
18792267	It is not possible to delete rows in the Custom Milestones section of a schedule activity. The Delete button is chosen but then the row re-appears.	User can now delete Custom Milestone rows and they will not reappear. (35946)
19590487	User received NULLREFERENCEEXCEPTION error when using the template maintenance tool in NPD.	The error no longer occurs. (37410)

Product Quality Management (PQM) Resolved Issues

Table: 1-8 PQM Resolved Issues

Bug/Enh ID	Issue	Resolution
None	Third party search criteria missing from PQM. Search properties were added to PQM search models to handle the internal system and additional GSM, SCRM, NPD environments but they were never added around external third party systems.	<p>Six new Configuration entries were added and defaulted to False.</p> <ul style="list-style-type: none"> ▪ PQM.EQT.Action.AffectedItemGSMSearch.ExternalSystem.Enabled ▪ PQM.EQT.Action.SupplierSCRMSearch.ExternalSystem.Enabled ▪ PQM.EQT.Audit.AffectedItemGSMSearch.ExternalSystem.Enabled ▪ PQM.EQT.Audit.SupplierSCRMSearch.ExternalSystem.Enabled ▪ PQM.EQT.Issue.AffectedItemGSMSearch.ExternalSystem.Enabled ▪ PQM.EQT.Issue.SupplierSCRMSearch.ExternalSystem.Enabled <p>New search properties were added to issues, actions, and audits:</p> <ul style="list-style-type: none"> ▪ Affected Items External System ▪ Company External System ▪ Facility External System <p>(31478)</p>
None	After save, related audit doesn't show up when creating a new issue from Audit.	Audit is now shown in the Related Audits section as expected. (32253)

Reporting (RPT) Resolved Issues

Table: 1-9 RPT Resolved Issues

Bug/Enh ID	Issue	Resolution
None	The following file should no longer be used for security concerns: ProdikaReporting/ReportGeneration/ReportingControls/TreeViewInput.ascx	ProdikaReporting/ReportGeneration/ReportingControls/TreeViewInput.ascx should no longer be used in CustomerReportExtensions.xml. If this file is still in use, the following error will occur: <i>"The file '/reporting/ReportGeneration/ReportingControls/TreeViewInput.ascx' does not exist. Please update your references."</i> (37027)
None	In Reporting, AutoReportLauncher is ambiguous.	The AutoReportLauncher class should be removed from the ReportingExtensions.DLL (37772)
17820151	Ad hoc reporting throws an error when adding facility information into the custom layout.	If SCRM BU security is turned on, when generating ad hoc reporting with facility information, the remoting container needs to read the SCRMSecurity/BusinessUnit/SecuredStatuses node. However this node was not defined in remoting container.config. We have added that configuration, and the error no longer occurs. (36822)
18809053 (1OFF: 18887448)	After installing the Reporting Extensions from the extensibility pack, a user received an unhandled error when launching a report with AutoReportLauncher.aspx from the extensibility pack.	The type 'Oracle.PLM4P.ReportingExtensions.Controls.AutoReportLauncher' is ambiguous in WebCommon.DLL and ReportingExtensions.DLL. We changed AutoReportLauncher's namespace in WebCommon.dll and the error no longer occurs. (36009)

Supplier Portal (SP) Resolved Issues

Table: 1-10 SP Resolved Issues

Bug/Enh ID	Issue	Resolution
None	Contact Category and Country are not displayed after importing Address.	Category and Country are now displayed. (34655)
None	In Supplier Portal PQM, cannot open the Audit tab when signature is not approved.	You can now open the Audit tab when the signature is not approved. (34701)
None	SiteMap-SPA.xml MenuItem visibility evaluates if CACS is enabled.	Invalid visibility evaluation for CACS was removed from SiteMap Menu Item. (36433)
None	In Supplier Portal Administration, the user receives an Invalid model view error when selecting criteria for 'Sourcing (Receiving Facility) equals.	The error no longer occurs. (37026)

Bug/Enh ID	Issue	Resolution
18601087	In Supplier Portal, PLM for Process opens a blank window when opening an attachment from a specification.	Adding return false stops the href from working. It has been removed from the onclick event. (35702)

Supply Chain Relationship Management (SCRM) Resolved Issues

Table: 1-11 SCRM Resolved Issues

Bug/Enh ID	Issue	Resolution
18474989	A user in SCRM that does not have privileges to create a specification-related sourcing approval (SAC) template receives an unhandled error.	<p>The following roles are required:</p> <ul style="list-style-type: none"> ▪ Create SAC - [SAC_CREATOR], [FACILITY_CREATOR] and [COMPANY_CREATOR] ▪ Create Non-Spec SAC - [NON_SPEC_SAC_CREATOR], [FACILITY_CREATOR] and [COMPANY_CREATOR] ▪ Create SAC Template - [SAC_CREATOR], [TEMPLATE_CREATOR], [FACILITY_CREATOR] and [COMPANY_CREATOR] ▪ Create Non-Spec SAC Template - [NON_SPEC_SAC_CREATOR], [TEMPLATE_CREATOR], [FACILITY_CREATOR] and [COMPANY_CREATOR] <p>(35415)</p>
19310541 (1OFF: 19314250)	User with a limited role set receives an unhandled error when attempting to create a new sourcing approval.	When creating a sourcing approval from the Action Nav list, user must have at a minimum the roles [SAC_CREATOR], [SCRM_COMPANY_READER] and [SCRM_FACILITY_READER]; otherwise we hide the Create New sourcing approval action. (36746)

User Group Management (UGM) Resolved Issues

Table: 1-12 UGM Resolved Issues

Bug/Enh ID	Issue	Resolution
18484524	User received an unhandled error when attempting to add more than 19 groups to the list to be exported	The Unhandled error no longer occurs. (35485)

Performance Instrumentation Resolved Issues

Table: 1-13 Performance Instrumentation Resolved Issues

Bug/Enh ID	Issue	Resolution
None	Performance Instrumentation returns an exception error of RollingLogFileHelper.	The error no longer occurs. (30326)
None	SQL is not captured when performing a search from the search page.	Added performance counters for all search locations. (34776)

Portal Resolved Issues

Table: 1-14 Portal Resolved Issues

Bug/Enh ID	Issue	Resolution
None	The arrows are misaligned if the item name is longer than an existing 3-4 character translation. This can be reproduced by installing Ready Reports.	The UI Bug was corrected. (32023)

Installation and Configuration Resolved Issues

Table: 1-15 Installation and Configuration Resolved Issues

Bug/Enh ID	Issue	Resolution
None	Unencrypted PluginExtensions.xml needed to be added to the config reference folder for consistency.	They were added successfully. (37127)
18328117	BaseFeatureConfig.config includes comments that should not have been released with the product.	Unnecessary comments were removed from the BaseFeatureConfig.config. (34998)

Chapter 3: Hot Fixes

This chapter contains hot fixes included in Release 6.1.1.5 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 6.1.1.5 release.

Table: 3-1 Hot Fixes

Hot Fix	Issue	Resolution
6.1.1.3.37 (19451733)	Performance issues with Performance Instrumentation.	Blocking was removed, and performance improved for Performance Instrumentation. (37006)
6.1.1.4.4 (18905995)	No SCRM signature documents are showing. 1. The AuditHistory table kept the old status and didn't keep the new status of each workflow action. 2. In the signature document history pop up window, the stage status was incorrect.	Issue is resolved by displaying the history record's new status name instead of the old status name. (36115)
6.1.1.4.5 (18935397)	We needed a way to retrieve the per serving values of the nutritions in a formulation output material through calculated extended attributes of a custom section.	We added JScript function GetNutrientValuePerServing for formulation output specifications. (36077)
6.1.1.4.12 (19248725)	Cannot print reports when formatting using just the RTF editor. The text added to the rich text editor appeared in the wrong order.	The javascript html parser was updated to correct this behavior. Text now appears in the correct order. (36591)
6.1.1.3.36 (18663986 (Base Bug: 18390361))	See bug 18390361 in Global Specification Management (GSM) Resolved Issues .	(35894)
6.1.1.4.1 (18559844 (Base Bug: 18552828))	See bug 18552828 in Global Specification Management (GSM) Resolved Issues .	(36039)
6.1.1.4.2 (18818584 (Base Bug: 18727175))	See bug 18727175 in Global Specification Management (GSM) Resolved Issues .	(36038)

Hot Fix	Issue	Resolution
6.1.1.4.3 (18887448 (Base Bug: 18809053))	See bug 18809053 in Reporting Resolved Issues .	(36075)
6.1.1.4.7 (19049371 (Base Bug: 18925945))	See bug 18925945 in Global Specification Management (GSM) Resolved Issues .	(36304)
6.1.1.4.9 (19072671 (Base: 18620074))	See bug 18620074 in Global Specification Management (GSM) Resolved Issues .	(36379)
6.1.1.4.13 (19279050 (Base: 18390361))	See bug 18390361 in Global Specification Management (GSM) Resolved Issues .	(36657)
6.1.1.4.14 (19286506 (Base: 19268757))	See bug 19268757 in Security Resolved Issues .	(36660)
6.1.1.4.15 (19286408 (Base: 19237327))	See bug 19237327 in Data Administration (ADMN) Resolved Issues .	(36723)
6.1.1.4.16 (19314250 (Base: 19310541))	See bug 19310541 in Supply Chain Relationship Management (SCRM) Resolved Issues .	(36770)
6.1.1.4.17 (19469008 (Base: 19431185))	See bug 19431185 in Computer Aided Compliance Screening (CACS) Resolved Issues .	(36949)
6.1.1.4.17 (19369015)	When a CACS is run against an output material specification from a formula specification or from an output material specification, different results are returned though both results are wrong.	When getting custom sections for referenced output material, we now use the custom section in the material directly instead of the custom section in formulation overrides. (36950)
6.1.1.4.19 (19403250 (Base: 19399361))	See bug 19399361 in Security Resolved Issues .	(36905)
6.1.1.4.20 (19423829 (Base: 19325016))	See bug 19325016 in Global Specification Management (GSM) Resolved Issues .	(36941)

Hot Fix	Issue	Resolution
6.1.1.4.22 (19382270 (Base: 19365087))	See bug 19365087 in Global Specification Management (GSM) Resolved Issues .	(36873)
6.1.1.4.23 (19474840 (Base: 19399361))	See bug 19399361 in Security Resolved Issues .	(37078)
6.1.1.4.24 (19519630 (Base: 19508006))	See bug 19508006 in Security Resolved Issues .	(37200)
6.1.1.4.25 (19517784 (Base: 19509120))	See bug 19509120 in Global Specification Management (GSM) Resolved Issues .	(37211)
6.1.1.4.26 (19561820 (Base: 19548290))	See bug 19548290 in Global Specification Management (GSM) Resolved Issues .	(37366)
6.1.1.4.27 (19570930 (Base: 19570133))	See bug 19570133 in Security Resolved Issues .	(37367)
6.1.1.4.28 (19602565 (Base: 19602417))	See bug 19602417 in Security Resolved Issues .	(37423)
6.1.1.4.34 19926579 (1OFF: 19926604)	Cannot override nutrient compositions on formula output.	Issue is resolved in code by checking whether the override is added to arraylist first and only adding it if it is not yet added. (38134)

