



Agile Product Lifecycle Management

Readme

v9.3

Part No. E15249-05

July 2011

Oracle Copyright

Copyright © 1995, 2010, 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 is a registered trademark 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.

CONTENTS

Oracle Copyright.....	ii
Chapter 1 What's New	1
Metalink Disclaimer	1
Install and Test Notice	1
Oracle E-Delivery Download Checklist	2
Oracle Agile Product Overview Checklist.....	2
User Interface	3
Event Management	4
Thumbnails	4
Administration.....	5
API Name	5
Thumbnails Preference Settings	5
Agile Drive	5
Changed Controlled Attribute	5
Design Object Enhancements	5
Enhanced Smart URL Capabilities.....	6
Notifications	6
Administrator privilege AppliedTo for "Manage Global Views".....	6
New Tab in Preferences called Languages.....	6
Prohibit Comments on Signoff privilege	6
"Web Client Timeout for Corporate Users" and "Web Client Timeout for Supplier Users".....	6
New Rational Search Operators to Create and Edit Reusable Criteria	6
AutoVue for Agile.....	7
Engineering Collaboration	7
Integration.....	7
ACS.....	7
Import and Export.....	7
SDK.....	7
Web Services	8
Product Collaboration	8
Item Attribute Change Management	8
User Signoff Duration	8
New Reports.....	8
Item Group.....	9
Product Cost Management.....	9

Added View Personalization Support	9
Event Management Impact	10
Sourcing Project	10
User Interface Impact	10
Product Governance and Compliance	10
Event Management Impact	10
Improved Performance in Scheduled Rollups	10
Track Compliance Changes through History	10
Automatic BOM Compliance Report Scheduling	10
Specifications Filter on Compliance Tab of Parts	11
Product Portfolio Management	11
Industry Standardizations	11
PLM Reference	11
Decision Gates and Milestone added	11
New Collaboration tab	11
Keyword Tags for Projects	11
Dashboard	11
Product Quality Management	12
Technology Platform	12
Variant Management	12
Product Interchange	14
Chapter 2 Resolved Issues	15
Install and Test Notice	15
Service Pack Hot Fix Note	16
Administration	16
Common Services	18
Product Collaboration	27
Product Cost Management	33
Product Governance and Compliance	39
Product Portfolio Management	42
Product Quality Management	44
Install and Upgrade	45
Integration	47
Technology Platform	52
AutoVue for Agile	52
Chapter 3 Known Issues	55
Known Issue Disclaimer	55
Agile Configuration Propagation	55
Common Services	56
Product Collaboration	58
Product Cost Management	59
Product Interchange	61

Product Portfolio Management.....	62
Integration.....	63
Variant Management	67
AutoVue for Agile.....	68

Preface

The Agile PLM documentation set includes Adobe® Acrobat PDF files. The [Oracle Technology Network \(OTN\) Web site](http://www.oracle.com/technology/documentation/agile.html) <http://www.oracle.com/technology/documentation/agile.html> contains the latest versions of the Agile PLM PDF files. You can view or download these manuals from the Web site, or you can ask your Agile administrator if there is an Agile PLM Documentation folder available on your network from which you can access the Agile PLM documentation (PDF) files.

Note To read the PDF files, you must use the free Adobe Acrobat Reader version 7.0 or later. This program can be downloaded from the [Adobe Web site](http://www.adobe.com) <http://www.adobe.com>.

The [Oracle Technology Network \(OTN\) Web site](http://www.oracle.com/technology/documentation/agile.html) <http://www.oracle.com/technology/documentation/agile.html> can be accessed through **Help > Manuals** in both Agile Web Client and Agile JavaClient. If you need additional assistance or information, please contact My Oracle Support (<https://support.oracle.com>) for assistance.

Note Before calling Oracle Support about a problem with an Agile PLM manual, please have the full part number, which is located on the title page.

TTY Access to Oracle Support Services

Oracle provides dedicated Text Telephone (TTY) access to Oracle Support Services within the United States of America 24 hours a day, 7 days a week. For TTY support, call 800.446.2398. Outside the United States, call +1.407.458.2479.

Readme

Any last-minute information about Agile PLM can be found in the Readme file on the [Oracle Technology Network \(OTN\) Web site](http://www.oracle.com/technology/documentation/agile.html) <http://www.oracle.com/technology/documentation/agile.html>

Agile Training Aids

Go to the [Oracle University Web page](http://www.oracle.com/education/chooser/selectcountry_new.html) http://www.oracle.com/education/chooser/selectcountry_new.html for more information on Agile Training offerings.

Accessibility of Code Examples in Documentation

Screen readers may not always correctly read the code examples in this document. The conventions for writing code require that closing braces should appear on an otherwise empty line; however, some screen readers may not always read a line of text that consists solely of a bracket or brace.

This documentation may contain links to Web sites of other companies or organizations that Oracle does not own or control. Oracle neither evaluates nor makes any representations regarding the accessibility of these Web sites.

What's New

This chapter includes the following:

▪ Metalink Disclaimer.....	1
▪ Install and Test Notice	1
▪ Oracle E-Delivery Download Checklist	2
▪ User Interface	3
▪ Event Management.....	4
▪ Thumbnails	4
▪ Administration	5
▪ AutoVue for Agile.....	7
▪ Engineering Collaboration	7
▪ Integration.....	7
▪ Product Collaboration	8
▪ Product Cost Management.....	9
▪ Product Governance and Compliance.....	10
▪ Product Portfolio Management	11
▪ Product Quality Management	12
▪ Technology Platform.....	12
▪ Variant Management	12
▪ Product Interchange	14

This section lists new features available in this release.

Metalink Disclaimer

The documentation of Agile PLM 9.3.x – including guides about Installation, Administration and Configuration, and the PLM Solutions – is no longer accessed through Metalink. Please use the My Oracle Support web site to access your Agile PLM documentation:

<https://support.oracle.com>

Install and Test Notice

Important Install and test this release on a designated development server before installing it on your production environment. Your development environment should mirror your production environment as closely as possible to provide accurate testing results. It is important to validate the installation of this release, and confirm your integrations are working correctly as part of your minimum due diligence. Any problems or questions noted during your development system testing should be resolved before installing this release on your production environment.

Note For PLM 9.3 International, the Main Installer and Database Installer are only in English.

Oracle E-Delivery Download Checklist

Oracle products are distributed as "E-Packs". An E-Pack is an electronic version of the software. Refer to the Media Pack description or the list of products that you purchased on your Oracle Ordering Document. Then, view the Quick Install Guide License List to help you decide which Product Pack you need to select in order to search for the appropriate E-Pack(s) to download. Prior to downloading, verify that the product you are looking for is in the License and Options section of the E-Pack README. Oracle recommends that you print the README for reference.

Please download each Product Pack from the Oracle E-Delivery web site (<http://edelivery.oracle.com/>) as specified below.

1. Oracle Agile PLM Application Components
2. Oracle Application Server
3. Oracle Database

There will be an itemized part list within each of the packs and you will need to download all items in order to have the complete download for the desired Oracle Agile release.

All Oracle E-Delivery files have been archived using Info-ZIP's highly portable Zip utility. After downloading one or more of the archives, you will need the UnZip utility (for UNIX or Windows platforms) or the WinZip utility (for Windows platform) to extract the files. You must unzip the archive on the platform for which it was intended. Verify that the file size of your downloaded file matches the file size displayed on E-Delivery. Unzip each Zip file to its own temporary directory.

For example, create a directory structure called oraAS10g on your hard drive:

```
c:\oraAS10g
```

Then create a new directory for each Zip file you downloaded:

```
c:\oraAS10g\Disk1
```

```
c:\oraAS10g\Disk2
```

After extracting the software from the Zip files, you can install from your computer's hard drive.

Important Please view the *Quick Install Guide* to ensure that the correct comprehensive Oracle "E-Packs" have been downloaded that correspond to your customer licenses for this Oracle release.

Oracle Agile Product Overview Checklist

After reading the content of this Oracle Agile PLM release document, we suggest performing the following tasks:

- Feature Review:
 - Review the New Features and Resolved Issues sections to make sure you understand the overall product changes in this release.
- Business Process Review:

- After completing the New Feature and Resolved Issues review, make sure you understand if any of your current business processes are impacted by this release and/or if they might need to be modified and re-evaluated. This is a very important preparation step as you move forward with implementing any Agile release. Make sure all of your key business processes are thoroughly documented and you have an overall business owner who understands each process. Use this list of processes as a checklist against the features and changes in this Agile release. You may want to assign a “weight” to each change in terms of how significant an impact it has to your organization (think about re-training users, changing current integrations, etc.)
- Identify resources to install and test this release.
 - Make sure that a test environment is ready and that tests have been developed to ensure this release performs the functions necessary for your business. Verify that the system can be rolled back in the unlikely event of a failure. Make sure that your testing includes all aspects of the product features, all of your business processes and any integration that you may have (AIS, SDK, ChangeCAST, ACS, etc.). If considering switching to LDAP authentication, come up with a plan to test the LDAP integration. Make sure to cover common scenarios like changing password, removing a user, etc.
- Create an upgrade plan and strategy.
 - For a release, we recommend engaging our Oracle Consulting Organization for your upgrade. Validate the hardware configuration according to the Capacity Planning Guide. If you plan to manage your own upgrade, create a very detailed upgrade plan that includes a scheduled start time, an established number of “dry” runs, a pre-determined rollout date, and a designated team of individuals across your organization with detailed knowledge of product, technology, networking, business process, etc.
- Prepare end-user training.
 - We recommend exposing a number of your power users to the new version well in advance of a production rollout to ensure that your users deeply understand the product functionality. Much of the end user training will actually begin during the testing phase. Use this feedback as a basis for your overall end-user training.

User Interface

The User Interface of Oracle Agile PLM Web Client has been significantly improved in this release. Agile 9.3 includes new input controls, components and productivity features to help users efficiently and accurately complete their tasks. This results in a dramatic improvement of user productivity. Please see *Getting Started with Agile PLM* guide, as well as the user guide for each PLM solution for more information about how Web Client has been enhanced and what new features are available from the updated User Interface. Below is a list of some of these improvements.

- Simplified and consistent User Interface
 - Simplified Global Navigation bar
 - Consistent controls and design patterns throughout the suite
 - Simplified visual design through the reduction of icons, font types and colors
 - Standardized messages and icons
- An Advanced Table component for efficient table editing
 - Inline table editing with Fill-up and Fill-Down

- Dynamic pagination on scroll
- Row addition through Drag and Drop, Copy and Paste and type ahead suggestions
- Column lock, column hide and show, multi-column sort and filter
- Table personalization with saved Views
 - Snapshot displayed columns, column order, sort order and filters as a View to leverage several times
 - Support for multiple Personal and Global views
- Immediate access to primary controls and components to reduce navigation and mouse clicks
 - Keyboard Shortcuts to take immediate action and shortcut navigation
 - Actionable QuickView to view and action objects without having to navigate to the object
 - Navigator feature allowing users to view a list of objects without losing context of the list
- New input controls for efficient data entry
 - Type ahead suggestions for list values
 - Auto-completion of dates
 - Character counter for multi-line text fields
- Thumbnails
 - In Agile PLM Web Client, thumbnails are small bitmap images or icons which represent attached files or URLs. In order to view thumbnails in Agile Web Client, thumbnails need to be enabled on your Agile PLM system, you need the appropriate privileges, and your user profile settings need to be set to allow you to view thumbnails.

Event Management

A major change in Agile PLM is available with Event Management. It provides configurable Event triggering, more flexible Notifications, Process Extensions through Groovy Scripting, and comprehensive published Web Services.

- There is a new node folder within System Settings called **Event Management**, which comprises the following nodes:
 - Events
 - Event Handlers
 - Event Subscribers
 - Event Types
 - Event Handler Types
 - Event Handler Monitor

Thumbnails

- Thumbnails can be used on Items, Manufacturer Parts, and File Folders
- The thumbnails can display in tables (search results, BOM, Where Used, Structure,

Attachments) and when looking at individual object Title Block and Quick View screens

- The new Thumbnail Navigator window provides a simple graphical substitute for the **Attachments** tab
- Agile PLM can automatically generate thumbnails from attachments (using the AutoVue server in the background), and users can optionally override the system-generated thumbnail with an image of their choosing

See *Getting Started with Agile PLM* and the *Administrator Guide* for more detailed information regarding Thumbnails.

Administration

API Name

A new identifier **API Name** is now included in select Administrator-created objects. API names are unique systemwide identifiers for Administrator objects intended for programmatic access. API Names can be assigned by customers, but it is recommended to autogenerate these identifiers and keep them consistent.

Thumbnails Preference Settings

There is a preference of On or Off for thumbnails in the system. If thumbnails are enabled, then they can be used in Table Display mode and/or Search Display mode, as selected by the Administrator. There is a setting on each user's Preference tab to turn on and off thumbnails at the user level. See *Getting Started with Agile PLM* guide and the *Administrator Guide* for more details about configuring and using thumbnails in Agile PLM.

Agile Drive

This light weight file management tool lets you perform file management operations locally while impacting the Agile PLM system through WebDAV (Web-based Distributed Authoring and Versioning tool). WebDAV allows a user to map a drive into their Agile system within their File Browser. User security settings of Agile roles and privileges framework are applied with Agile Drive access.

Changed Controlled Attribute

A user with administrator privileges can set this option in Java Client to specify whether a given item attribute is change controlled or not. Once set, a user in Web Client can track Item Attribute Values by Change (ECO or MCO).

Design Object Enhancements

- Version-specific Relationships between Designs
- Where-used queries for Designs
- Design version purge capability
- Design structure compare

Enhanced Smart URL Capabilities

- New option to open a specific tab of an object
- New option to open a search dialog
- New option to open to a design comparison
- New option to support markup in viewer
- New option to use “open” (AutoVue or MIME-type application)
- New option to launch AutoVue with no file displayed (either view or markup mode)

Notifications

You can now create new notifications giving more control over the recipients of notifications, the content of the notification, additional attributes, and associating notifications with events.

New Administrator privilege AppliedTo for "Manage Global Views"

New Tab in Preferences called Languages

English is the default language configured for the system after an upgrade or installation. Other language selections can be configured for use on the Preferences **Languages** tab.

New Prohibit Comments on Signoff privilege

The Comment Required property for actions is now two new properties:

- Comments for Approval
- Comments for Rejection

New “Web Client Timeout for Corporate Users” and “Web Client Timeout for Supplier Users” preferences

The Administrator can now configure the Web Client timeout settings for Corporate and Supplier users directly in Java Client Administrator.

New Rational Search Operators to Create and Edit Reusable Criteria

In Java Client Administrator, the Create Criteria dialog and the Edit Criteria dialog use new rational search operators. New search operators for these dialogs include: Contains All, Between, Not Between. Updated search operators for these dialogs are In, Not In, Contains Any, and Contains None. For more information about Agile PLM search operators, see *Getting Started with Agile PLM*, chapter titled "Finding Agile Data with Searches".

AutoVue for Agile

- Added AutoVue Mobile support for offline view and markup
- Supports AutoVue versions 19.3.2 (Windows) and 19.3 (Linux)

Engineering Collaboration

New Load to CAD command

This new command enables the user to launch into CAD tools from Agile PLM Web Client.

Integration

ACS

ACS now supports Oracle AQ for 11 g database

Import and Export

- **Selective Removal of BOM/AML rows**
 - Selective Remove was added in Import Wizard's Multi Row Update Behavior preference. When you select this option, Import can selectively remove BOM or AML rows.
- **Item description behavior during import**
 - When importing newly created items in Redlining or Authoring modes, Agile PLM will set the description of the imported item in the "Introductory Revision".

SDK

- **Ability to support the Agile PLM Event framework**
- **Generate BOM Explosion and BOM Comparison product report**
- **Redlining Title Block tables**
 - In addition to redlining the BOM, Manufacturers, and Price Lines tables of an item, this release supports redlining the Title Block table of an item also.
- **Bulk enabling and disabling of warnings and error messages**
- **Manage Thumbnail images in Web Client**
 - Thumbnails can display files such as Word, PDF, and Excel files. The SDK provides APIs to regenerate thumbnails (generated based on existing ones), set master thumbnails, replace existing thumbnails, and change the sequence of appearance of thumbnails in Web Client's Thumbnail Navigator.

- **Change Controlled Attribute**
 - A user with Administrator privileges can set this option in the Java Client to specify whether a given item attribute is change controlled or not. Once set, a user in the Web Client can track Item Attribute Values by Change (ECO or MCO). This option does not impact the export API, but adds additional exported values when changes are exported to aXML with their redline information.
- **Generate Notifications**
 - The SDK exposes a new API to create and send Agile PLM Notifications to designated users.

Web Services

There is a new Engineering Collaboration framework with enhanced CAD integration capability through Web Services. The Engineering Collaboration partners can leverage core web services, EC web services, and customization capabilities of BPEL to deliver more robust and higher performing CAD integrations.

Product Collaboration

Item Attribute Change Management

- Provides the user with change control over Item Attributes using redlining on Change Orders or Manufacturing Orders.
- Adds Item Attribute Reports which can be used to compare Item values by Change or to compare Attribute Values between Items.
- Administrators can configure Change Controlled Attributes.
- Enhances the Part Group object to allow use as an Item Collection.

Note This feature does not enable Revision based Item Attributes or enable all objects.

User Signoff Duration

- The Signoff Summary table displays and tracks the amount of time that a user has had to do a required signoff.
- A new User Signoff Duration Report to easily track user signoffs.

New Reports

- Multilevel BOM Comparison Report
 - Increases management of the BOM changes by having a comparison to the As Released BOM

- Ability to choose the Date for resolution of the BOM
- Compares two BOMs at all levels
- Ability to compare Attachments and Manufacturers as well

Note A user can only compare two BOMs. For more than two, use the legacy report behavior.

- Attribute History Report
 - Displays the Item Attribute Values that have changed over time through Change Orders or Manufacturing Orders. Data for this report will be supplied by the new Change Controlled attributes or existing attributes which can be tracked by revisions.
- Attribute Comparison Report
 - The user can compare the attributes of items. This report is similar to the Item Attribute History Report, but will allow the user to select different items.
- BOM Explosion Report by Date
 - The BOM Explosion report allows the inclusion of AML and Attachment data for each level.

Item Group

- There is a subclass for Part Groups called Item Group.
- Part Group subclass setting for Default “Make Available As” that allows Administrator to force each Subclass into a specific usage.
- A multilist field Item Groups is on Item and Manufacturer Part Title Block.
- The Parts table can contain Items and Manufacturer Parts.
- An Item can be a member of many Item Groups.

Note This is disabled upon Upgrade.

PGC and PCM features are not enabled on Item Groups. PGC fields like Mass, Compliance Calculated Date, and Overall Compliance are not used by internal logic.

Product Cost Management

Added View Personalization Support

Prices, PCOs, Supplier & Commodities now have added support for View Personalization.

Note Limited View Personalization is also available in Sourcing Projects, RFQ, and RFQ Response.

Event Management Impact

Events such as Create, Update Cover Page, Delete, SaveAs, Export, Change Status, Update Relationships, etc. are supported with PCM objects and processes streamlining and facilitating better management.

Sourcing Project

Now the **Changes** tab has three sub-tabs of **Item Master Changes**, **Project Item Changes**, and **Supplier Response Changes**.

User Interface Impact

Drag, drop, copy, paste, inline table editing, new filtering and sorting, along with many other UI changes have made working with PCM objects much more user-friendly. The general tasks of a user will be impacted and you should refer to *Getting Started with Agile PLM* for additional examples of what has changed and improved.

Product Governance and Compliance

Event Management Impact

The new Event Management framework can have great benefits in the PG&C solution: event-based rollups can be built on the Compliance Rollup on Object event type. Other event types supported by PG&C business objects include Create, Update Table, Update Relationships, Get Files, and more.

Improved Performance in Scheduled Rollups

Provides an option set by the administrator to calculate compliance on All Shippable Items or for only Impacted Shippable Items. The system observes this setting when it runs scheduled rollups (those run automatically per Java Client > Admin tab > Server Settings > Task Configuration > Compliance Rollup Task).

Track Compliance Changes through History

- If the Result Compliance of a part is changed by a scheduled rollup or by a user choosing **Actions > Calculate Compliance**, a new entry is added to the History of that part.
- For a part (item, mfr part, part group), tracking is done for each Specification attached to the part, not just for the Overall Compliance (which is for all Specifications for that part).

Automatic BOM Compliance Report Scheduling

When adding items, there is a configurable option to run the report against the following:

- Selected Revision
- Latest Released Revision
- All Pending Revisions

- Latest Released and All Pending Revisions

Specifications Filter on Compliance Tab of Parts

In a part's **Compliance** tab > **Specifications** table, there is a filter called **Views** that lets the user choose to display **All Specifications** or only **Relevant Specifications**, that is, specifications that are concerned with substances contained by the part.

Product Portfolio Management

Industry Standardizations

Project is now a subclass to align with industry standards. Therefore, the **Programs** tab has been renamed to **Projects**.

PLM Reference

A multilist "PLM Reference" field on the **General Information** tab to have cross referencing and integration between projects. A user can populate this field with one or more objects in the system. The "PLM Reference" is only set at the root project level and once set, will auto-apply to all sub-levels. All objects in the "PLM Reference" field are added to the **Content** tab at the root project level without any rules.

Decision Gates and Milestone added

Six new Decision Gate (DG) subclasses DG1 through DG6 and a Milestone subclass are added for better evaluation capabilities and customization for each phase.

New Collaboration tab

The **Discussions** tab has now been renamed as the **Collaboration** tab and has three subtabs of **Discussions**, **Action Items** and **News**.

Keyword Tags for Projects

To have more consistent categorization of content and help users personalize views in the **Content** tab, administrators can now define standard keyword tags for projects. This attribute has been added to the **General Information** tab. When keyword values are added to this attribute they will display in the Add/Remove Keyword actions on the **Content** tab of the Project gates and activities.

Dashboard

The **Dashboard** tab is now a separate tab on the Home Page along with **Notifications**, **Workflow**, and **My Assignments**. There are some default tabs and widgets that have been renamed.

Product Quality Management

User Interface Impact

Drag, drop, copy, paste, inline table editing, new filtering and sorting, along with many other UI changes have made working with PQM objects much more user-friendly. The general tasks of a user will be impacted and you should refer to *Getting Started with Agile PLM* for additional examples of what has changed and improved.

Technology Platform

- De-support of Web Client for Internet Explorer 6
- De-support of Database Version Oracle 9i
- Added support of Database Version Oracle 11g
- De-support of Portal Server
- Support of latest version of BEA WebLogic App Server (10.3.x)

Variant Management

Variant Management is a patch on top of Agile PLM 9.3 release. It offers the ability to manage the diversity of product variants already in the early phase of the product development process.

Manufacturer of mass productions can use Variant Management to design products to meet individual requirements. A single 'Model Option BOM', which represents all variants of a product line, is defined and managed in Agile PLM.

The Model Option BOM is the basis for deriving an Instance BOM, to validate prototypes and made to stock pre-configurations. The parts for an Instance BOM are selected in the Internal Configurator (Instance Manager), or in the External Configurator (Oracle Generic Configurator User Interface).

Depending on which Configurator you would like to work with, a setting has to be made in the **Preferences** tab of **My Settings**.

Note The information of this documentation is describing the Instance Manager in detail. The Oracle Generic Configurator User Interface is only briefly described.

Note Further information about the Oracle Generic Configurator User Interface can be found in the Oracle Configurator Implementation Guide from OTN (<http://www.oracle.com/technology/documentation/applications.html>).

- Added Parts

Two new sub-classes have been added to the class **Parts**:

- Model

A Model is used as the top level element of a Model Option BOM, but can also be used as

a generic item on subordinate levels.

A new number cycle is available for Model - MOD00001.

- Option Class

An Option class is used to group several options, which can be standard parts. It is a placeholder which will be replaced with the selected option(s) later in the Instance BOM.

A new number cycle is available for Option Classes - OC00001.

- Additional attributes to manage the Model Option BOM

- MinQty / MaxQty

The minimum and maximum quantity value define a range from where a real quantity can be selected for the Instance BOM.

- Optional

This field can be set to **Yes** or **No**.

- Yes

Defines that this BOM line item is an optional item. It can be selected for the Instance BOM, it does not need to be selected.

- No

Defines that this BOM line item is a required item. It is already preselected for the Instance BOM. It cannot be deselected anymore.

- Mut Excl

Only BOM entries of an Option Classes can be Mutually Exclusive, thus only one optional BOM line item can be selected for the Instance BOM.

Note These attribute fields are also exchanged for SDK and ACS.

Note For further information about SDK, see the guide: SDK Developer Guide on OTN (<http://www.oracle.com/technology/documentation/agile.html>).

Note For further information about ACS, see the guide: Agile Content Service User Guide on OTN (<http://www.oracle.com/technology/documentation/agile.html>).

- Model Option BOM

The Model Option BOM is built like any other BOM, but contains all items of all possible product variants. It is the basis for deriving the Instance BOM.

- Instance Manager

The internal configurator 'Instance Manager' allows to manually derive (configure) an Instance BOM from a Model Option BOM. It is launched from the Relationships tab of the top level Model of a Model Option BOM.

- Configuration Graph

When you save the current configuration in the Instance Manager with the Save as Draft button or when you create the Instance BOM with the Create Instance button, an XML file - the Configuration Graph - is stored. The Configuration Graph is added to the Configuration Graph column of the Relationships tab of the top level Model of the Model Option BOM.

- Instance BOM

An Instance BOM is a specific instance of a BOM that has been derived from a Model Option BOM. Compared to the Model Option BOM, the Instance BOM contains those optional Parts which have been selected in the internal configurator 'Instance Manager', and all required parts and assemblies from the Model Option BOM. Option Classes will be replaced by their selected optional parts. Models will be replaced with new parts.

Product Interchange

Product Interchange (PI) will not be available to purchase from eDelivery/Metalink in association with Oracle Agile PLM 9.3. For existing customers who have already deployed PI, to continue to use your current PI with 9.3 PLM you will need to perform the following actions:

1. Stop PI server.
2. Copy AgileAPI.jar from Agile93PLM server agile_home/integration/sdk/lib install location to <PI_HOME>\AGILEPI\FMA\WEB-INF\LIB, thereby overwriting the previous file.
3. Modify "moorea.properties" file (<Agile_PI_Home>\AgilePI\moorea.properties) with 93 PLM details including the appserver and DB details.
4. Restart the PI server.

Resolved Issues

This chapter includes the following:

▪ Install and Test Notice	15
▪ Service Pack Hot Fix Note	16
▪ Administration	16
▪ Common Services	18
▪ Product Collaboration	27
▪ Product Cost Management	33
▪ Product Governance and Compliance	39
▪ Product Portfolio Management	42
▪ Product Quality Management	44
▪ Install and Upgrade	45
▪ Integration	47
▪ Technology Platform	52
▪ AutoVue for Agile	52

This section lists issues that were resolved during this release. Numbers in bold (for example, **123456**) are Customer Support ID numbers from customer-reported issues.

Install and Test Notice

Important Install and test this release on a designated development server before installing it on your production environment. Your development environment should mirror your production environment as closely as possible to provide accurate testing results. It is important to validate the installation of this release, and confirm your integrations are working correctly as part of your minimum due diligence. Any problems or questions noted during your development system testing should be resolved before installing this release on your production environment.

Service Pack Hot Fix Note

Note The contents of this release include the following Patches: Oracle Agile PLM 9.2.1.3.52, 9.2.1.3.53, 9.2.1.3.54, 9.2.1.4.23, 9.2.1.4.25, 9.2.1.4.26, 9.2.1.4.27, 9.2.1.5.1, 9.2.2.0.11, 9.2.2.1.18, 9.2.2.1.22, 9.2.2.1.22, 9.2.2.1.25, 9.2.2.1.26, 9.2.2.1.27, 9.2.2.1.28, 9.2.2.1.29, 9.2.2.2.2, 9.2.2.2.6, 9.2.2.2.8, 9.2.2.2.9, 9.2.2.2.10, 9.2.2.2.11, 9.2.2.2.13, 9.2.2.2.15, 9.2.2.2.16, 9.2.2.2.17, 9.2.2.2.18, 9.2.2.2.19, 9.2.2.2.20, 9.2.2.2.21, 9.2.2.2.23, 9.2.2.2.24, 9.2.2.2.26, 9.2.2.2.27, 9.2.2.2.28, 9.2.2.2.30, 9.2.2.2.31, 9.2.2.2.32, 9.2.2.2.33, 9.2.2.2.35, 9.2.2.2.37, 9.2.2.2.38, 9.2.2.3.3, 9.2.2.3.4, 9.2.2.3.5, 9.2.2.3.6, 9.2.2.3.7, 9.2.2.3.9, 9.2.2.3.10, 9.2.2.3.11, 9.2.2.3.12, 9.2.2.3.13, 9.2.2.3.14, 9.2.2.3.15, 9.2.2.3.16, 9.2.2.3.17, 9.2.2.3.19, 9.2.2.3.20, 9.2.2.3.21, 9.2.2.3.23, 9.2.2.4.1, 9.2.2.4.2, 9.2.2.4.4, 9.2.2.4.5, 9.2.2.4.8, 9.2.2.4.9, 9.2.2.4.10, 9.2.2.4.12, 9.2.2.4.13, 9.2.2.4.14, 9.2.2.4.15, 9.2.2.4.16, 9.2.2.4.17, 9.2.2.4.19, 9.2.2.4.20, 9.2.2.5.2, and 9.2.2.5.3.

Administration

7101430

19011640.6

7173606.993

Administration Configuration

Issue: RMI connection is disconnected.

Root Cause: Server did not load the obsolete list during startup

Resolution: Server will load the obsolete list if it is being used somewhere else.

Verification Steps: Follow the steps below to verify the resolution:

1. Login Java Client.
2. Create a normal list and a cascading list, add a list entry for them, and then delete all the list entries making sure you can restart the server.
3. Login Java Client, create a normal list and a cascading list, and then create some list entries for it. Delete the first list entry.
4. Assign the normal list and cascading list to P2.List01 and list02 for change order. Create an ECO, set a value for List01 and list02, then open normal list and cascading list, delete the list entry that was set for ECO.
5. Make sure server can be restart successfully

7050021

18980610.6

Roles and Privileges

Issue: User Administrator Privilege functionality.

Root Cause: New Feature/ Enhancement.

Resolution: New Feature/ Enhancement. A User Administrator privilege was added.

Verification Steps: Follow the steps below to verify the resolution:

1. Create a new user, assign it the User Administrator privilege and Modify User privilege.
2. Login with the new user and try to modify one user's role list.
3. The user only can assign the roles which are listed in the User Administrator privilege AppliedTo list that he/she has; roles that contain Administrator privilege cannot be assigned to other users.

7311481

7095944.992

Roles and Privileges

Issue: When adding Page Two attributes to the Modify Changes (ECO, QCR) privilege it does not show up as a choice to add in the Applied to field.

Resolution: The issue was resolved by the implementation of other fixes.

Verification Steps: Follow the steps below to verify the resolution:

1. Go to Java Client.
2. Go to Data Settings > Classes > Manufacturer Orders > User Interface Tabs > Page Two > Attributes.
3. Make sure Page Two is set to visible.
4. Create some attributes and make them visible (for example: MultiText31 and name TEST).
5. Go to User Settings > Privileges > Modify.
6. Select corresponding Modify privilege (ex: Modify MCO).
7. Click on AppliedTo field and see that Page Two.MultiText31 can be displayed.

7309516

6972386.994

Notifications

Issue: User is unable to enter a value for Page Three attributes in the Subject and Body content of

the notification.

Resolution: New Feature/ Enhancement.

Common Services

7099422

19008044.6

Folders, Files and Attachments

Issue: FileLoad in Web Client uploads files incorrectly.

Verification Steps: Follow the steps below to verify the resolution:

1. Login to Web Client.
2. Navigate to the Tools & Settings menu.
3. Select FileLoad option.
4. In the FileLoad page select an Index file to upload by clicking Browse.
5. Select the tab delimiter and click Load.
6. File successfully is uploaded into the part specified in the index file and the physical files are located in the File Server vault.

7079351

18953298.6

Folders, Files and Attachments

Issue: Some Administrator changes to File Manager are not traced in the History.

Resolution: Entering logging of history from AttachmentSessionBean.removeVaults() and AttachmentSessionBean.addVault().

Verification Steps: Follow the steps below to verify the resolution:

1. Log into Java Client.
2. Open Admin > Server Settings > Locations.
3. Open **File Manager** tab.
4. Double-click to alter an FM entry.
5. Change Description and Base Storage Directory and the click **OK** to save and exit.
6. Open the **History** tab and see that the changes are logged.

7106464

19010582.6

19010966.6

Folders, Files and Attachments

Issue: Cannot delete an attachment file from a Manufacturer Part after enabling the Allow Deletion of Attachments SmartRule.

Root Cause: When we delete a row from MANUFACTURER PART and allow the deletion of an attachment if set to yes, then there are two operations of delete row and then save. Save tries to load table. MfrPartCache.isVOTableLoaded() calls isTableLoaded which always returns true and then we load the table from DB which is not present and code throws a null pointer.

Verification Steps: Follow the steps below to verify the resolution:

1. Login to Java Client as admin.
2. Set the SmartRule 'Allow deletion of attachments' to Yes.
3. Create a manufacturer part and add an attachment.
4. Delete the attachment successfully.

7106348

19009686.6

Folders, Files and Attachments

Issue: AXIS error of java.lang.ClassNotFoundException.

Root Cause: The DmsService is deployed only at AppServer, but its entry is present in the server-config.wsdd file of tomcat.

Resolution: Remove the DmsService entry from the server-config.wsdd file of tomcat.

Verification Steps: Follow the steps below to verify the resolution:

1. Access file manger services URL example: <http://<Server Name>:<filemgr Port Number>/<Filemgr virtual Path>/services>.
2. Enter admin credentials.
3. See no AXIS errors.

7534786

7182312.992

Folders, Files and Attachments

Issue: FileLoad fails to load files with a file size greater than 2 GB on the AIX platform.

Resolution: Deploying JDK 1.5 on AIX.

Verification Steps: Follow the steps below to verify the resolution:

1. Configure an index file to load Files.
2. Have a file with a file size of more than 2 GB.
3. Do FileLoad and the file gets loaded successfully.

8227382

7280733.992

Folders, Files and Attachments

Issue: Performance is very slow after selecting query results on 'BO_ATTACH_VERSIONS_HISTORY'.

Verification Steps: Follow the steps below to verify the resolution:

1. Create Search query which accesses 'BO_ATTACH_VERSIONS_HISTORY'.
2. Run and compare the performance.

7092277

18974516.6

Custom Reports

Issue: Other users can see and execute custom personal reports.

Resolution: The issue was resolved by the implementation of other fixes.

Verification Steps: Follow the steps below to verify the resolution:

1. Login as a user1.
2. Create a Custom Report and store in the Personal Folder.
3. Logout and login as user2.
4. Search for the report; report can be searched out and the folder property should be empty.
5. Logout and login as user1.
6. Edit the report information, change the folder to a Global Folder, and then click Save.
7. Logout and login as User2.
8. Search for the report and you can see the report; the folder property should be ' Global Folder '.

9. Logout and login as User1.
10. Edit the report and change the folder to a Personal Folder.
11. Logout and login as User2.
12. Search for the report; the property folder should empty again.

7653836

7641780

7014754.994

7136401.993

7186438.992

Java Client

Issue: Agile PLM locks up when uploading attachments.

Root Cause: This is a deadlock issue. The AWT thread and Java Client command thread race UI resource.

Resolution: Extract UI related actions from Java Client command thread and do them in AWT thread.

Verification Steps: Follow the steps below to verify the resolution:

1. Login to Java Client.
2. Create a part, and add an attachment.
3. Checkout the attachment.
4. Cancel the checkout of the attachment.
5. Check out the attachment.
6. Check in the attachment.

7095552

18999624.6

Relationships

Issue: An insufficient privilege message appears when adding and searching for an approved item to the Program Deliverables tab.

Root Cause: Some item attribute values depend on the Item's Revision and so this influences the Privilege matching.

Resolution: Set the item with revision given by latest released change before privilege check.

Verification Steps: Follow the steps below to verify the resolution:

1. Login to Java Client.
2. Create criteria such as: Documents Title Block.Number Contains D and (\$ CURRENTREV Is Released Or Title Block.Lifecycle Phase Not Equal To Preliminary).
3. Assign this criteria to the Read privilege.
4. Assign this Read Document privilege to Admin User, but disable all others Read Documents privilege for Admin.
5. Login Web Client as UserA.
6. Create DocumentA and release it by ECO, then DocumentA has latest version 'A' and Lifecycle Phase 'Polit'.
7. Login Web Client as admin.
8. Create a program and switch to Content Tab.
9. Add DocumentA to Deliverables Tab of Program.
10. Document can be added successfully without warning.

7630702

8346000

7111014.994

7449232.992

Searches

Issue: From the Home Page, clicking on Workflow Routings takes too long.

Resolution: The issue was resolved by the implementation of other fixes.

7071934

18954152.6

18940506.6

Standard Reports

Issue: The Select Compare Attribute in the BOM Comparison Report wizard only includes the Ref Des field if it is visible in both Parts and Documents classes.

Verification Steps: Follow the steps below to verify the resolution:

1. Create part1; part1 has BOM part2 and part3 has BOM DOC4.

2. Make the class part's 'ref des' visible and the class document's 'ref des' invisible.
3. Set 'ref des' value to 'RE1' for BOM part2.
4. Run the BOM comparison report to compare part1 and part3.
5. Execute and check that part3's ref des should be RE1 and the doc's ref des should be empty.

7098818,

19003296.6

19009852.6

Standard Reports

Issue: The Cycle Time report for a change does not show total number of changes.

Root Cause: New Feature/ Enhancement.

Verification Steps: Follow the steps below to verify the resolution:

1. Run Change Cycle time report.
2. Create two changes (c0001, c0002) and route changes to 'submit' status.
3. Set 'Status Change' from 'pending' to 'submit'.
4. Execute report to get results. The total changes in output file should be 2.

7096094

19003722.6

Standard Reports

Issue: The Cycle Time report for a change does not calculate the average correctly.

Root Cause: When building, the summary table lost adding average time.

Resolution: Adding average time when building the summary table.

Verification Steps: Follow the steps below to verify the resolution:

1. Run Change Cycle Time report.
2. Find a change which took two days to change status from pending to submit.
3. Run a Change Cycle Time report.
4. Do not select Display changes.
5. Set status from pending to submit.

6. Click Finish to get results. The change's "Number of Days" should be 2; total number should be 1 and the average should be 2.

7102001

18993860.6

Standard Reports

Issue: When running the Change Cycle Time report for MCOs with the 'Trend by' option set equal to: 'Reason Code', the report continues to use the default Reason Code list, and not the customized Reason Code list currently used for MCOs.

Root Cause: Gets the attribute list of Base class object, not from subclass level.

Resolution: Changed to every subclass object.

Verification Steps: Follow the steps below to verify the resolution:

1. Configure a Change: Change Reason Code list for MCOs Class.
2. Run Change Cycle Time report for All MCOs with 'Trend by' option = 'Reason Code'.
3. The 'Reason Code' list used for trend analysis should be the newly changed list.

7101873

19000128.6

Standard Reports

Issue: Cycle Time report has no data to display if the Discover privilege is based on the subclass.

Root Cause: CMDDiscover build is not correct.

Resolution: Load the CMDDiscover object by DiscoverBuilder.

Verification Steps: Follow the steps below to verify the resolution:

1. Log in as userA and run the change cycle report.
2. Use advanced search for changes.status=released and date released as 7/19/2007.
3. Select time period from 7/19/2007 to 7/27/2007, with workflow 'Change Orders', Status from Pending to Released, TimeUnit by Day.
4. Run the report check the output result.
5. Search for C002057, able to view the change which is created on 07/25/2007 and meets the search/report criteria.
6. Save this user to a new user 'user1'.

7. Add ONE privilege to the user 'discover all changes'.
8. Re-run the same report. Check the output result again.

7066771, 8414427

7512529.992

18933274.6

18976174.6

19001460.6

Web Client

Issue: Need a tool to clean up soft-deleted items in bulk in Agile provided on all Deleted Object Search windows.

Root Cause: New Feature/ Enhancement.

Resolution: Added support to delete the objects in bulk from Recycle Bin searches.

Verification Steps: Follow the steps below to verify the resolution:

1. Login Web Client.
2. Go to Recycle Bin Searches and run a search.
3. Select multiple rows in the search results page.
4. Click **Delete** to delete the selected rows.

7091831

18980572.6

Web Client

Issue: The MPN number in Web Client.

Root Cause: New Feature/ Enhancement.

Verification Steps: Follow the steps below to verify the resolution:

1. Login Web Client.
2. Open a part with a long number such as 9-012M4-FBN-99-X9-0X.
3. Notice it displays correctly and is not truncated in Web Client.

7099216

19010004.6

19012202.6

Web Client

Issue: Cascading list labels are incorrect and/or missing.

Resolution: New Feature/ Enhancement.

Verification Steps: Follow the steps below to verify the resolution:

1. Login to Java Client.
2. Go to Part Class and modify List Attribute of Page 2.
3. Create a new Cascading List.
4. Create a part and check this List on Page2.
5. Same on Web Client.
6. Now rename the List in Java Client.
7. Create a new part and check the list of the part just created on Web Client and Java Client. It shows the new name on both clients.

7100865

19006462.6

Web Client

Issue: Performing a simple search in the Web Client returns a blank page.

Root Cause: Not checking for class = null condition.

Resolution: Check for null classes.

Verification Steps: Follow the steps below to verify the resolution:

1. Login Java Client.
2. Disable the Customer class.
3. Login Web Client.
4. Perform a Simple/Quick Search with wild card "*" entry.
5. It returns the correct results.

7101425

19011730.6

Web Client

Issue: Cannot modify the display order.

Root Cause: New Feature/ Enhancement.

Resolution: Users can now order alphabetically.

Verification Steps: Follow the steps below to verify the resolution:

1. Login to Web Client.
2. Click the Organize Searches button on the left pane to open the Organize Searches window.
3. Select one search folder, such as the Recycle Bin Searches folder.
4. Click the A to Z or Z to A in the Order menu.

7244652

6984124.992

Web Client

Issue: When creating a Parametric Search with list attributes linked to lists with large number of values, the Web Client has performance issues.

Resolution: New Feature/ Enhancement.

Product Collaboration

7090440

18965296.6

19009466.6

Changes

Issue: When hard deleting a user group, it does not clean up the related object's field.

Root Cause: When objects have been deleted, the system is still trying to load the object in multiple lists as a selected value.

Resolution: When objects have been deleted, setting the selected value as null.

7279684

6993017.993

Changes

Issue: A user is unable to enter comments on a change without being forced by the system to also send a notification to a user.

Verification: Follow the steps below to verify the resolution:

1. From a routable object, click **Comment**.
2. Enter comments, but do not select any users to notify.
3. The comments will be entered successfully and it is not required to send a notification to any users.

7335687

6983109.994

Changes

Issue: Cannot see approvers at the next review stage when add/reject approvers icon is clicked.

Verification: Follow the steps below to verify the resolution:

1. Login Java Client as admin.
2. Go to Workflow setting > Default change workflow and add some approvers in the CCB stage.
3. Login Web Client.
4. Create a change with this workflow and add a part.
5. Pass to CCB and then click on Add/Remove Approvers.
6. The Approvers box display as workflow setting correctly.

7094731

18968524.6

Changes

Issue: Setting up a default Part Group subclasses (Commodity and Part Family) on the page one Title Block of Items.

Root Cause: The issue was resolved through a new feature or enhancement introduced in this current, or previous release.

Resolution: New Feature/ Enhancement. A new subclass and Make Available As have been added to Part Groups called Item Group. An additional field has been added to Items for Item Group. This new subclass and Make Available As option allow Part Groups to be used outside their use as Commodities or Part Families.

Verification: Follow the steps below to verify the resolution:

1. Enable the Item Group subclass.
2. Enable the Parts Class > Title Block > Item Group attribute.

3. Verify Modify privileges on Part Groups and Item > Title Block > Item Group.
4. Create a new Item Group.
5. Add a Part to the Item Group.
6. Review the Part Title Block to see the link to the Item Group.

7049292

18993628.6

Item and BOM

Issue: Unable to expand BOM on Change Order. When you redline BOM of Parent Assembly (from Affected Items tab of Change Order) by adding an existing subassembly with children Item(s), the rows in **BOM** tab of the Parent assembly disappear (from UI) when trying to expand the subassembly BOM.

Resolution: The issue was resolved by the implementation of other fixes.

7078986

18933274.6

18956098.6

18954178.6

Item and BOM

Issue: Need the option to hard delete items or changes in groups.

Root Cause: New Feature/ Enhancement.

Verification: Follow the steps below to verify the resolution:

1. Login Web Client.
2. Create several Items and delete them.
3. Recycle Bin search > Deleted Items.
4. Multi-select several rows and hard-delete them. The rows successfully are deleted.
5. Run Deleted Items search again. The hard-deleted items do not display.
6. Logout and re-login.
7. Run Deleted Items search again. The hard-deleted items do not display.

7106063

19004454.6

Item and BOM

Issue: Items on Released ECO/MCO is still showing Preliminary status.

Resolution: The issue was resolved by the implementation of other fixes.

7102738

18975388.6

Item and BOM

Issue: No Item number on Redlined BOMs view.

1. The redline icon on the BOM redline view shows as url.
2. The Item number on the BOM redline view shows blank.

7094903

18968728.6

Item and BOM

Issue: No way to freeze panes in BOM and Sites tabs.

Root Cause: New Feature/ Enhancement..

Resolution: User can freeze column by Personalize view setting.

Verification: Follow the steps below to verify the resolution:

1. In Admin, review an object table (like Parts Class > BOM) and open the Order configuration.
2. Set the Lock.

OR

1. In Web Client when looking at a Table, open Personalization.
2. Set the Lock on a column.

7301436

7014354.993

Item and BOM

Issue: Expanding BOM in Web Client cause a 100% CPU usage.

Root Cause: Too many BOMs caused performance issue while expanding them.

Resolution: Add a row counter in today depth-first BOM tree traversal routine. As soon as the counter hits the preference limit, server returns the incomplete BOM tree back to UI. Support

pagination for child rows in 9.3.

7061231

18937022.6

Java Client

Issue: Need to default time in calendar controls.

Root Cause: New Feature/ Enhancement.

Resolution: New button "Today" in calendar control. User could click this button and get current date and time.

Verification: Follow the steps below to verify the resolution:

1. Log into Java Client.
2. Create ECO1 and go to AI tab.
3. Add an AI, edit the AI.
4. Click the date control of the Effectivity Date - notice the Date is default to current date.
5. Select any date and time, then click the Today icon; it goes back to current date and time.

7061144

18934036.6

Java Client

Issue: Ability to resize column at the row of data field also.

Root Cause: New Feature/ Enhancement.

Verification: Follow the steps below to verify the resolution:

1. Login Java Client.
2. Search any objects.
3. Can resize column field width at any row of the search results.

8255762

7407174.992

Manufacturer/Manufacturer Parts

Issue: Unable to open **Where Used** tab for one Manufacturer.

Root Cause: Limit number of the rows displayed in the **Where Used** table.

Resolution: New Feature/ Enhancement.

Verification: Follow the steps below to verify the resolution:

1. The **Where Used** table will only display the number of rows configured in the Administrator Search limit (maximum of 5000 rows). The user can export the results to Excel to see all results.

7332329

6920459.994

Performance

Issue: When MPN attributes are modified and saved, the changes aren't immediately being reflected.

Root Cause: When an MPN's name is changed, the server load its **Where Used** table and this takes quite long time for an MPN which is used in many items.

Resolution: Reduce the check logic from load the whole **Where Used** table to load the item count which use the current MPN.

7650659

722681.994

Performance

Issue: System hangs after selecting a specific item from search results.

Root Cause: Loading the **Where Used** table impacted the system's performance.

Resolution: New Feature/ Enhancement. The **Where Used** table is not loaded at the same time as loading the first tab of an object.

Verification: Follow the steps below to verify the resolution:

1. Login Web Client as user admin.
2. Perform a quick search for a part.
3. Select the part from the search results.
4. The part will open successfully.

7091570

18976128.6

7181612.993

Web Client

Issue: Freeze Item Number column in tables to avoid scrolling issues.

Root Cause: New Feature/ Enhancement.

Resolution: New Feature/ Enhancement. Table personalization feature.

7169286

6990576.992

Web Client

Issue: Unable to add an Affected Item on an ECO using the “Type in known Number” option when the number has a space in it.

Resolution: New Feature/ Enhancement.

Product Cost Management

7242982 & 7242880

19270366.6

7023973.992

Reports/Import/Export

Issue: When running an Assembly Cost Report from Sourcing Project only second level assemblies and components displayed, even though more levels exist with assemblies and components.

Root Cause: Certain items that have been saved in a previous batch are updated with blank values when encountered in a subsequent batch.

Resolution: An item that has been already created is updated with original values when encountered in a subsequent batch.

Verification: Follow the steps below to verify the resolution:

1. Import attached file as level template using attached mapping file.
2. Verify that the description is imported for all parts as expected.

7480376

7132584.993

RFQ/Response

Issue: RFQ Importing cannot be completed if the MPN being quoted contains a backslash, '\', character.

Root Cause: Inside SQLGenerator a single backslash is escaped by another backslash, assuming sql

ignores the escaping slash. But sql tried to find a match for a string containing '\\' instead of '\\'

Resolution: Implemented SQLGenerator property 'escapeBackslash' and set it to false in case of loading mfr parts, so the slash escape is ignored.

Verification Steps: Follow the steps below to verify the resolution:

1. Create an MPN part that contains the backslash character, '\\'.
2. Assign this MPN as the AML of a new part number.
3. Create/Open a sourcing project for this part number and include the AML.
4. Create/Open an RFQ for the MPN.
5. Login as the supplier user and export the response lines to an Excel file. Able to Import the responses for the MPN.

7099332

19001000.6

Java Client

Issue: Performing a SaveAs in Java Client to create a new part sends an error.

Root Cause: When item contains price lines, the SaveAs operation will trigger the copy of the corresponding price object which triggers the update of the version in the new item. The item SaveAs function is not returning the latest version and causes the unmatched object version in later object locks.

Resolution: Acquire the latest object version upon completion of SaveAs.

Verification Steps: Follow the steps below to verify the resolution:

1. Create price line for the item and perform a SaveAs.

7106879

19007604.6

RFQ/Response

Issue: When importing RFQ Response files (csv /xls) there is an Error.

Root Cause: The preference "Behavior upon non-existing objects" is not applicable for supplier response import which causes NullPointerException when perform supplier response import.

Resolution: Validate if the preference applicable when do supplier response import.

7106880

19007922.6

Sourcing Project

Issue: Supplier currency should be marked as a required field.

Resolution: New Feature/ Enhancement.

Verification Steps: Follow the steps below to verify the resolution:

1. Log into Java Client.
2. Go to Supplier > Cover Page.
3. Check that the Required Property for Corporate Currency is set to 'Yes' out-of-box.
4. Once the Corporate Currency is set, the same value is being propagated to the Supplier Contact User Preferences and hence the issue will not occur.

7097094

19002000.6

Sourcing Project

Issue: Confusing price look up status for IPN with AMLs.

Root Cause: Lookup was looking price for all items including those that have AMLs.

Resolution: Improved lookup to exclude items that have AMLs. Also made sure the logic of creating response lines during lookup is consistent with logic of quoting (e.g. if an item or AML cannot be quoted by supplier it should not participate in lookup as well). Also fixed the issue of lookup prices for partners.

Verification Steps: Follow the steps below to verify the resolution:

1. Create an Assembly with the following:
 - Items with prices
 - Items without prices
 - Items with AML and prices at AML level
 - Items with AMLs and prices at Item level and AML level
 - SubAssembly with prices
 - SubAssemblies without prices
2. Add the above structure to a Sourcing Project and do a LookUp for the above structure.
3. The LookUp status Icon is displayed properly at all levels.

7097095

19003514.6

Sourcing Project

Issue: Parts without Supplier Filter failed to expand or collapse the AML under the **Analysis** tab.

Root Cause: Code handles the typical situation where items with AML don't have direct responses.

Resolution: Filter now excludes items with direct response even if they have AMLs.

Verification Steps: Follow the steps below to verify the resolution:

1. Add item with AML to sourcing project so that AML is filtered out completely using Disallow AML Status on project cover page.
2. Perform lookup so that item is directly associated with supplier.
3. Modify disallow status and perform content update to pull AML into project.
4. Filter Parts without supplier. This item is excluded.

7099686

19006860.6

Sourcing Project

Issue: AML split % not publishing on priceline.

Root Cause: A list of attributes for publishing was not complete.

Resolution: Completed the list with 5 required attributes.

Verification Steps: Follow the steps below to verify the resolution:

1. In Java Client go to Classes > SP > Analysis.
2. Enable a numeric flex field and name it as AMLSplit% and also enable one numeric field in Price class > Price line > numeric field and rename as AMLSplit%.
3. Now map the price AMLSplit % to project Analysis AMLSplit % attribute.
4. Create an SP and make sure you add an Item with more than one Mfr Part.
5. Create an RFQ and get the response from the supplier.
6. Now in the **Analysis** tab, bulk edit and give some values for the AMLSplit attribute.
7. Publish the prices to IM and make sure the edited values of AMLSplit% are published.

7096320

18997766.6

Sourcing Project

Issue: Sourcing Project AML Content Update is incomplete if Sourcing Project has multiple Items

Root Cause: When MPNs are shared, some instances of that AML do not have the correct MPN key. The default key of 0 prevents such MPNs from being pulled correctly.

Resolution: Ensure that every copy of an MPN has its MPN key correctly setup.

Verification Steps: Follow the steps below to verify the resolution:

1. In PC create an item I1 having 2 mfr parts: M1 and M2.
2. Create another item I2 that shares one of the mfr parts, M1.
3. Add both items into a Sourcing Project.
4. Delete all AMLs in the project.
5. Perform content update with 'synchronize AML' option.
6. M1 appears as AML for both I1 and I2.

7097604

19003844.6

Sourcing Project

Issue: Cannot import to buyer and planner fields in product item information of a sourcing project.

Root Cause: These fields were not enabled for import.

Resolution: Buyer/Planner & MakeBuy fields are now available for import once they are enabled in Sourcing Project > **Items** tab.

Verification Steps: Follow the steps below to verify the resolution:

1. Enable Buyer, Planner fields for **Items** tab.
2. Assign values for these fields in .xls to be imported.
3. Map these fields during import.
4. Values are imported.

7106889

19005174.6

Web Client

Issue: Sourcing Analysis tab filters parts without Supplier shows Items which has Supplier Information.

Resolution: The issue was resolved by the implementation of other fixes.

Verification Steps: Follow the steps below to verify the resolution:

1. In PC create an item I1 having 2 mfr parts: M1 and M2.
2. Create another item I2 that shares one of the mfr parts, M1 and has another AML M3.
3. Add both parts into a Sourcing Project.
4. Delete all AMLs in the project.
5. Perform a content update with 'synchronize AML' option.
6. The shared AML M1 should reappear for both items.
7. Create Mfr line cards for mfrs of M1, M2 and M3 for supplier S1 for ship-to of the project from Step 3.
8. Create an RFQ for I1, I2 using Mfr dissemination for supplier S1.
9. On the **Analysis** tab all AMLs appear with supplier assignments. Now run a filter for 'parts w/o supplier'.
10. Items missing shared AML M1 appears in results and can be expanded.

7099638

19007838.6

Web Client

Issue: Import Published data cannot search price change using an advanced or a quick search.

Verification Steps: Follow the steps below to verify the resolution:

1. Try to import a Price.
2. During the import wizard the user is only able to create a new PCO and search for PCO Only. Other types of changes are not be available.

7100494

19008728.6

Web Client

Issue: Supplier receives an error message that the value is out of range when they try to respond to an RFQ and select one of the values from the Bid Decision.

Resolution: The issue was resolved by the implementation of other fixes.

Verification Steps: Follow the steps below to verify the resolution:

1. Log into Java Client.

2. Open the Bid Decision List.
3. This list should be internal and users should not be able to add new list values.

7099534

19008270.6

Web Client

Issue: Supplier can't edit Comments: attribute 'resp MultiText 1' from RFQ response.

Resolution: The issue was resolved by the implementation of other fixes.

Verification Steps: Follow the steps below to verify the resolution:

1. Create an RFQ (enable Response Multi Text in response required fields) and open it to a Supplier with RFQ Responder Role.
2. Log in as Supplier.
3. Open the RFQ.
4. Edit the Comments field and the Multitext field.
5. Should be able to edit and submit the response.

Product Governance and Compliance

7073776

18947314.6

Declarations

Issue: When creating a Declaration, the Add Item window display should be more configurable and optimized to eliminate so much scrolling.

Resolution: The issue was resolved through a new feature or enhancement introduced in this current, or previous release.

Verification: Follow the steps below to verify the resolution:

1. Login Web Client.
2. Create a Declaration.
3. In the **Add Items** tab, select Add | Search.
4. In the popped up 'Items Search' window, can use mouse to drag and resize the window width and height.

7090443

7321132.994

Declarations

Issue: Unable to set a user group for the Compliance Manager field.

Verification Steps: Follow the steps below to verify the resolution:

1. Create a user group group1 that contains compliance manager list and compliance manager role.
2. Add two user test1 and test2 to group1.
3. Create a declaration MD0001.
4. Select group1 for compliance manager field and save it.
5. It sets a user group for the Compliance Manager field.

7480466

7129779.994

Rollup

Issue: The composition is incorrectly being classified as "partially disclosed", so there is a miscalculation.

Verification Steps: Follow the steps below to verify the resolution:

1. Create an HM declaration, add a part to items tab, it's mass is 2mg.
2. Add a BOS with the following structure:

MATERIAL1 2mg

-SUB001 1mg

-SUB002 0.9978mg

-LEAD/LEAD COMPOUNDS

-- LEAD (IV) oxide 0.0022mg CF:0.866

3. It is an FD composition.

7516311

7152679.993

7538826.992

Substance/Specification/Part Group

Issue: Cannot remove some of the compliance specification from the **Compliance** tab.

Verification Steps: Follow the steps below to verify the resolution:

1. Create a part.
2. Import 25 BOMs & 25 MPNs into the part.
3. Add a specification for the part and some of its BOM table and AML table.
4. Fill in the values of Declared Compliance fields for the BOM and AML (selecting from step 3).
5. Switch to **Compliance** tab of part.
6. Delete the specification and select "Remove from BOM and AML as well".
7. The BOM and AML with Declared Compliance fields have the desired values. The others will be deleted.

7074718

18947334.6

Web Client

Issue: Reduce declaration Creation Wizard screens.

Root Cause: New Feature/ Enhancement.

Resolution: Eliminated the Creation Wizard.

Verification Steps: Follow the steps below to verify the resolution:

1. Login Web Client.
2. Create a declaration, there is no creation wizard.
3. Add specification, can add by type name ahead.
4. Add item/mfrpart/part family, there is no 'Edit after Add' dialog, and the viewable window shows properly.

7099496

19010862.6

Web Client

Issue: The User Interface page does not show the entire statement in PG&C Exemptions multi-list entry.

Resolution: A scroll bar in the bottom of exemptions list.

Verification Steps: Follow the steps below to verify the resolution:

1. Login Java Client, add one list entry with long value for Exemptions, such as: "Cd 1 - In electrical

contacts and cadmium plating except for applications banned under Directive 91/338/EEC (1) amending Directive 76/769/EEC (2) relating to restrictions on the marketing and use of certain dangerous substances and preparations"

2. Login Web Client, create a specification, edit Exemptions list. There will be a scroll bar at bottom in the popped up Exemptions list.

Product Portfolio Management

7102238

18996072.6

Discussion and Action Items

Issue: Create Preview Message Checkbox on discussions as a persisted User Interface setting.

Root Cause: New Feature/ Enhancement.

Resolution: The issue was resolved by the implementation of other fixes.

Verification: Follow the steps below to verify the resolution:

1. Login to Web Client.
2. Create a discussion by specifying a user (user1) in notify field.
3. Now login as user1 and access the above discussion.
4. Check for the preview message checkbox to see the message.
5. The preview message checkbox is removed and the messages will be displayed on the page by default.

7101619

18993416.6

Performance

Issue: Update Program Schedule by MS Project 2003 takes a very long time.

Resolution: The issue was resolved by the implementation of other fixes.

7095601

18995534.6

Performance

Issue: Changing task status to Complete takes a very long time.

Resolution: The issue was resolved by the implementation of other fixes.

7049180

18964900.6

Web Client

Issue: Table User Interface needs improvement.

Root Cause: New Feature/ Enhancement.

Resolution: The issue was resolved by the implementation of other fixes.

Verification Steps: Follow the steps below to verify the resolution:

1. In Web Client, create a project with tasks and gates.
2. Navigate to **Team** tab of root project.
3. Add a few resources with some % allocation.
4. Now re-size the columns and check the UI of the table.
5. Navigate to different tasks and gates and repeat Steps 4 and 5.
6. There is no extra column and no vertical scroll bars are displayed.

7836633

7345915.992

Web Client

Issue: Agile Dashboard not configurable in Web Client without PPM license.

Root Cause: PPM License is also checked along with Dashboard license to show Dashboard Configuration in Web Client.

Resolution: Check for only Dashboard License not PPM License

Verification Steps: Follow the steps below to verify the resolution:

1. Disable PPM module from Java Client, Admin > Server Settings > Licenses > Module.
2. Login to Web Client and go to Dashboard optional tables.
3. Configure the tables.
4. User is able to configure the tables.

7515344

7246328.992

Web Client

Issue: Unexpected value of "ALL" is displayed in Program object's multilist field.

Resolution: The issue was resolved by the implementation of other fixes.

Verification Steps: Follow the steps below to verify the resolution:

1. Login to Web Client.
2. Create a project with subtasks and gates.
3. Edit the General Info page of root project.
4. Launch search palette for a Dashboard attribute "Region".
5. Check values displayed.
6. "All" is not displayed as value for Region list. The same is true for other Dashboard attributes like: Project Type, Division, Launch Year, Product Line and Customer.

Product Quality Management

7084117

18967402.6

18967598.6

Corrective Action

Issue: Increase field size on QCR class Cover Page of a Corrective and Preventive Action.

Root Cause: The Max System length setting of attributes in Meta data is 1023.

Resolution: Increase the Max System length setting of attributes in Meta data to 4000.

7096000

19004350.6

Corrective Action

Issue: Cannot right-click NCR to create CAPA subclass if user does not have modify privilege for Relationship - Affected By.Number attribute of NCR 'class'.

Root Cause: Java Client checks create privilege which is not necessary.

Resolution: Remove the privilege checking.

Install and Upgrade

8218783

20544286.6

7302946.994

DB Schema

Issue: AVerify is not cleaning up stored procedures but is leaving invalid object.

Verification Steps: Follow the steps below to verify the resolution:

1. Run the AVerify on the demo db where there are invalid indexes.
2. Now AVerify is not retaining the invalid indexes dropped before the AVerify runs.

7095394

19000570.6

DB Upgrade/AUT

Issue: BOM and Attachment icons are missing after upgrade.

Resolution: A new option has been set in the averify tool to run resetflags option.

7095839

18999668.6

DB Upgrade/AUT

Issue: Need to delete notification data in database by a sql.

Verification Steps: Follow the steps below to verify the resolution:

1. Upgraded demo DB by deleting some inbox notifications and upgraded it to 9.3.
2. Fired the following queries at source and destination:

```
select * from notification where noti_pk in (select noti_pk from notification minus select NOTIUSER_NOTI_FK from notification_user );
```

```
select * from notification_fields where notifield_field_type=0 and notifield_parent_fk in (select notifield_parent_fk from notification_fields minus select noti_pk from notification);
```

3. There is some data existing at source from the above queries and after upgrade, it does not return any rows as it will clean up the deleted inbox notifications.
4. Logged into the 9.3 appserver and made sure that there is no data in the inbox of 9.3 Web Client.

7092845

18983010.6

DB Upgrade/AUT

Issue: The agile9_check.sql should check for extra or unnecessary tables in the schema and alert the user to their presence.

Verification Steps: Follow the steps below to verify the resolution:

In the AVerify log file now it throws an AVerify error reporting all the tables which do not belong to Agile DB.

Run the agile9_check.sql as well and it reports the warnings for the tables which are not related to AGILE DB.

7097826

18976942.6

19009842.6

DB Upgrade/AUT

Issue: Attribute Order cannot be set on item fields following an upgrade.

Resolution: New PL/SQL Block has been include in 9.3 which will add tableinfo details to all the attributes which were not in tableinfo previously.

Verification Steps: Follow the steps below to verify the resolution:

1. Upgraded 85sp4 db to 93 using AUT93 Build 39.
2. Logged in to Java Client and under items enabled some of the new attributes to visible "YES" and opened the reset Order Dialog.
3. Moved the new attributes randomly and now the order we have given this dialog box remains the same after we close this dialog box as well.

7312453

7009896.994

Main Install

Issue: The notification "From" field has no value.

Resolution: Updated version of OAS.

7095436

18997374.6

Database Install

Issue: Need additional scripts configured for DataPump

Resolution: Able to use DataPump operations for exporting and importing. New expdp.bat and impdp.bat data pump utilities are added in windows and expdp.sh and impdp.sh added in Unix.

Integration

7081187

18961910.6

Agile Integration Services (AIS)

Issue: Support for the latest Axis 1.4 version.

Root Cause: New Feature/ Enhancement.

Resolution: New Feature/ Enhancement.

Verification Steps: Follow the steps below to verify the resolution:

1. Check the WSDL for Importer/Export services.
2. The message reads: "WSDL created by Apache Axis version: 1.4"

7211228

19003042.6

ChangeCAST

Issue: Error message about processing the Change Order type.

Resolution: The issue was resolved by the implementation of other fixes.

Verification Steps: Follow the steps below to verify the resolution:

1. Log into ChangeCast.
2. Run ChangeCast Monitor.
3. Extract more than 50 ECOs and check the CC monitor.
4. No error appears.

7076187

18957830.6

Export

Issue: The system times out while exporting Assemblies when including item history .

Resolution: The issue was resolved by the implementation of other fixes.

Verification Steps: Follow the steps below to verify the resolution:

1. Take an item structure that has different level BOMs, AMLs, and attachments with pending and released changes.
2. Export in pdx selecting the custom filters, but deselecting WhereUsed and Attachments.
3. The export is successful.

7098924

18994408.6

Import

Issue: When importing or validating an import, there is an application error. The error message contains no information.

Root Cause: The source file contains invalid character which causes import parses failure.

Resolution: Catch the parse exception and display the error message in summary page with the information.

Verification Steps: Follow the steps below to verify the resolution:

1. Log into Web Client.
2. Click on Tools and Settings > Import.
3. Import an item with an Excel file having the following data:

Description, item_number

AAAA, 100 ZL220M 16A20

4. Map the item_number.
5. After importing the below message appears:

"Import/validate succeeds but fails to display summary in browser with following error. It may be caused by invalid character in source. Please save the log and open with text editor."

7106200

19006370.6

Import

Issue: The Chinese characters are not showing properly.

Root Cause: Import tries to load encoding for preference setting of delimited text file, but the setting is not applicable for the .xls format source.

Resolution: Load encoding from user's preference encoding instead of the Import preference.

Verification Steps: Follow the steps below to verify the resolution:

1. Login to Web Client.
2. Click on Tools and Settings > Import.
3. Select an an Excel file having the following data:

Item, Description

ITEM_AA, DESC

and used the transformation file which has transform DESC to Chinese word.

4. Try to import the file.
5. Data is imported properly.

7099742

18975244.6

Import

Issue: In a Linux WebSphere environment the autonumber selection does not pop up when trying to create an ECO during Import when logged in to Agile through HTTPs:// URL.

Root Cause: The Import servlet URL used to be constructed with system web server URL in admin. It will fail to launch the Import wizard if launch Web Client URL mismatches with the system web server URL.

Resolution: Remove the restriction and forward the http request to Import servlet directly.

Verification Steps: Follow the steps below to verify the resolution:

1. Log into Web Client with OPPOSITE of secure, or non-secure, as listed in the Locations Web Client URL in Admin > Server Settings > Locations > Web Client URL.
2. Select Tools and Settings > Import.
3. Add a file and click Next.
4. Select item related content and click Next
5. Click Create at the left lower corner.
6. Enter ChangeNumber of your choice and import.
7. Import is successful and change order specified is created in the system.

7106351

19010764.6

Import

Issue: Need additional options while importing a BOM thru AIS.

Root Cause: The import preference "Multi Row Update Mode only supports: Complete/Replace and Add/Update. There is no way to selectively delete existing row. New Feature/ Enhancement.

Resolution: New Feature/ Enhancement.

Verification Steps: Follow the steps below to verify the resolution:

1. Create Part P0001,
2. Add BOM P0002, P0003 of P0001.
3. Import with authoring or redline mode with following file: Item, BOM, Qty, SelectiveDelete
P0001,P0002,10,
P0001,P0003,,Yes
P0001,P0004,,,
4. P0003 is removed and P0004 is added.

7711134

7283829.993

Import

Issue: When user is importing level BOM and new items, the Description field is missing from the introductory Revision.

Root Cause: New Feature/ Enhancement.

Resolution: Update the newly imported items with provided description.

Verification Steps: Follow the steps below to verify the resolution:

1. Log into Web Client.
2. Click on Tools and Settings > Import.
3. Import new items for BOM with description in redline mode.
4. Items are imported and description updated in introductory and pending revisions.

7091591

18982768.6

SDK

Issue: SDK read Program subclass Page Three attribute names of PPM objects from the wrong subclass.

Root Cause: Page Three attribute names are unique at subclass level only. The cache key does not contain any information unique to subclass or attribute.

Resolution: New Feature/ Enhancement. Add fully qualified attribute name to the cache key. Now the Page Three attribute names are unique at the subclass level.

Verification Steps: Follow the steps below to verify the resolution:

1. Configure P3 attribute name in Program subclass. For example, call Page Three.Text01 as 'Text01 program'.
2. Create a Program.
3. Perform ICell.getName() on 'Text01 program' of the Program object.
4. The correct 'Page Three.Text01 program' is returned.

7101422

19011358.6

SDK

Issue: The application server always appends 'order by' in SDK query and this causes a significant performance issue.

Root Cause: Server side search code always appends "Order by".

Resolution: SDK sets a flag to skip "Order by".

Verification Steps: Follow the steps below to verify the resolution:

1. Create a query and execute using IQuery.execute (boolean skipOrdering) and IQuery.execute (Object[] params, boolean skipOrdering).
2. For IQuery.execute (true) and IQuery.execute (Object[] params, true) the results are not sorted.
3. For IQuery.execute (false) and IQuery.execute (Object[] params, false) the results are sorted.

7565928

7193749.993

SDK

Issue: Unable to add over 500 items on the Sourcing Project by using SDK commands.

Resolution: The issue was resolved by the implementation of other fixes.

Verification Steps: Follow the steps below to verify the resolution:

Perform the steps below through SDK:

1. Create a Sourcing Project.
2. Create and add 500+ parts to the Sourcing Project.
3. The 500+ parts are added successfully.

Technology Platform

7089216

18969796.6

Application Server

Issue: Need support for newer JDK version 1.5.x.

Resolution: 1.5 JDK version is supported on all platforms for 9.3 release.

7117096

19012468.6

LDAP

Issue: The system is synchronizing users from LDAP that contain invalid characters.

Root Cause: Need to remove the special characters when we generate the SQL in the server.

7610913

18982646.6

Operating System

Issue: User session displays improperly.

Root Cause: New Feature/ Enhancement.

Resolution:

1. Ensuring that the sessionID set on the Principal carries the "Hostname" and "SessionTimeOut" value which can be used to enter the correct values in "user_session" table
2. Ensuring that the background task responsible for cleaning timed-out entries in user_session table cleans the cache also.

AutoVue for Agile

8420922

2-5862871 7434865.993

2D Pro Integration

Issue: Blank watermark when "print preview" the attachment.

Root Cause: Watermark text not added when attribute not visible.

Resolution: Concatenate watermark text. The appropriate file was changed.

Verification Steps:

1. In Java Client, navigate to Admin > System Settings > Viewers & Files > WaterMark tab.
2. Select Users Banner & Watermark, Set Print WaterMark = 'YES'.
3. Set Blank values for Attribute Watermark field.
4. Enter a value for Attribute Watermark Text field - 'test' and save it.
5. In Web Client, log in as admin, select admin user, add a file.
6. View the file, from File menu, select Print Preview in Agile Viewer.
7. Click OK button from Print window.

Actual Result: "Attribute Watermark Text -'test' is displayed in viewer window."

8598391

2-5860044

2D Pro Integration

Issue: Cannot view files attached to non-Revision/Version objects in Linux environment AutoView.

Verification Steps:

1. Create a Site or User or ECO.
2. Attach any supported files.
3. Try to view the file by clicking link or View button.

Actual Result: Files are viewed in Agile Viewer.

8630445

21434800.6

Electro-Mechanical Professional Integration for Agile

Issue: Cannot view all file types with AutoVue 19.3.2 for Linux for non-Parts (non-Item) objects.

Root Cause: In Viewer, a filename is displayed as "Filename" + "Rev/Version". Objects other than Items and File Folders do not have Rev or Version, so the filename becomes instead "Filename" + "[blank]". Linux is unable to recognize the file if there is a [blank] at the end of the filename.

Resolution: If it is not an Item or File Folder object, do not append a [blank].

Verification Steps:

1. Create a non-Item object, e.g., Site or User or ECO.
2. Attach any supported files.
3. Try to view the file by clicking link or View button

Actual Result: Files are viewed in Agile Viewer.

8875424

2-5750769 7356482.992

2D Pro Integration

Issue: Viewing attachment to Item in Pending revision results in invalid filename.

Root Cause: Item revision is added to filename, when the item is not released the rev may contain '?' which is invalid character in filename for Cimmetry hence throws exception.

How to fix: keep only the alphabets & numbers of a item rev while forwarding request to Cimmetry

Verification Steps:

1. Login to web client/Java Client
2. Create an Item
3. Add supported files
4. Create an ECO on Item
5. Select pending rev and view the file

Actual Result: File is viewed in viewer. In viewer window in front of file name [Rev] is displayed.

Known Issues

This chapter includes the following:

▪ Known Issue Disclaimer	55
▪ Agile Configuration Propagation	55
▪ Common Services	56
▪ Product Collaboration	58
▪ Product Cost Management	59
▪ Product Interchange	61
▪ Product Portfolio Management	62
▪ Integration	63
▪ Variant Management	67
▪ AutoVue for Agile	68

This section contains a list of known issues for this release. These were deferred from this release, but may be fixed in a future release. Numbers in this section are for Oracle Agile internal use only.

Known Issue Disclaimer

This list of Known Issues consists of those found at the time of the initial release. The product may have additional issues found after the initial release and therefore this list is subject to change and is not always comprehensive. Oracle support will continue to track known issues of this product release found on My Oracle Support. Please check for updates at <https://support.oracle.com>.

Agile Configuration Propagation

8557030

Issue: ACP Export and Import functions are throwing an error.

Workaround: No workaround solution is available.

8557051

Issue: ACP List item is throwing an error while importing.

Workaround: No workaround solution is available.

8557114

Issue: ACP User Page Two export and import operations are throwing an error.

Workaround: No workaround solution is available.

8567642

Issue: Deep Compare Report is not generated with WLS application server.

Workaround:

1. Open the set_acp_classpath.sh file found under: <ACP_INSTALL_HOME>/ACP93/bin
2. Under the section: **##** Add the Agile PLM server-specific jars to the CLASSPATH.**#** Add the following jar entries to the CLASSPATH variables:

```
ACP_CLASSPATH=$ACP_CLASSPATH:$LIB_DIR/xdocore.jar
```

```
ACP_CLASSPATH=$ACP_CLASSPATH:$LIB_DIR/xdo-versioninfo.jar
```

```
ACP_CLASSPATH=$ACP_CLASSPATH:$LIB_DIR/xmlParserAPIs.jar
```

```
ACP_CLASSPATH=$ACP_CLASSPATH:$LIB_DIR/xmlparserv2.jar
```

```
ACP_CLASSPATH=$ACP_CLASSPATH:$LIB_DIR/xmlparserv2-904.jar
```

```
ACP_CLASSPATH=$ACP_CLASSPATH:$LIB_DIR/i18nAPI_v3.jar
```

```
ACP_CLASSPATH=$ACP_CLASSPATH:$LIB_DIR/I18Ntools.jar
```

Note Deep Compare Report is generated in the <ACP_INSTALL_HOME>/<ACP_WORK_DIR> with the name of the directory where Deep Compare is executed, preceded with a forward slash. For example, if Deep Compare is executed in your “samples” directory under the <ACP_INSTALL_HOME>/<ACP_WORK_DIR> then the report name is: "samples\deepcompare.xls". Rename it to deepcompare.xls before using the same.

Common Services

7446100

Issue: The Load to CAD OK button is not enables when opening the AGILE.CADXML window.

Workaround: Switch to another application, switch back, and now it will be accessible.

7605833

Issue: Unable to add multiple files to a FileFolder or Design object using Agile Drive.

Workaround: No workaround solution is available.

7668445

Issue: Agile Drive does not display Affected Items under MCOs, SCOs, ECRs, StopShips, and Deviations.

Workaround: No workaround solution is available.

8223265

Issue: The browser is unable to handle printing of a really large HTML report. The browser memory spikes up and the CPU usage as well followed by a crash when the user clicks Print.

Workaround: No workaround solution is available.

8294124

Issue: BOM tab shows a blank thumbnail when adding files through Quick View option.

Workaround: No workaround solution is available.

8298263

Issue: Unable to add multiple files using Safari in Agile Drive to any object type.

Workaround: No workaround solution is available.

8325517

Issue: When a FileFolder or Design object is checked out the master thumbnail is not set accordingly.

Workaround: No workaround solution is available.

8358542

Issue: After purging the Version 2 files of a Design object the Version 1 files are also missing.

Workaround: No workaround solution is available.

8361560

Issue: Standard icons thumbnail is not generated through thumbnail utility.

Workaround: No workaround solution is available.

8406696

Issue: When making any changes in the navigator from search results, to make it take effect the user must reload the search, but it causes performance issues.

Workaround: No workaround solution is available.

8410454

Issue: When the Cancel button is selected in the "Select Files" palette, the FileFolder object is being checked out.

Workaround: No workaround solution is available.

8439291

Issue: Attachments are not displaying after canceling a Check Out operation in a BO.

Workaround: Do another refresh and the attachments will display.

8445878

Issue: When a FileFolder object is already open in the main pane window of Agile, then from the Quick View palette the Get operation is not working successfully.

Workaround: No workaround solution is available.

8467268

Issue: The Introductory Revision has a thumbnail displayed for a released item in the **BOM** tab when the item is added through redlining the **BOM** tab.

Workaround: No workaround solution is available.

8470267

Issue: The Checkin user is not populated when the version of the FileFolder is set to Latest in an attachment.

Workaround: No workaround solution is available.

8526085

Issue: The FileFolder version is not being set as Latest after doing a checkout and checkin in standard mode, when the file folder version is the Latest.

Workaround: No workaround solution is available.

8529995

Issue: A blank thumbnail is displayed in the **WhereUsed** tab of an item when the item is added through drag and drop or copy and paste.

Workaround: No workaround solution is available.

8532910

Issue: The Agile Viewer is not showing the missing resources information when an Assembly file is viewed.

Workaround: No workaround solution is available.

8544927

Issue: When removing files in the **Files** tab, the Master Thumbnail Icon shifts to the first file.

Workaround: No workaround solution is available.

Product Collaboration

8470047

Issue: A user can add a part that contains a site the user does not have in the wizard, so there is an inconsistent behavior when identifying the Assembly to add to.

Workaround: No workaround solution is available.

8536847

Web Client

Issue: When a Part and a DOC has the same MultiList to Redline Edit, the prior MultiList overtakes the next one.

Workaround: Refresh entire page and redline edit again.

Product Cost Management

7538916

Issue: The user is not able to select anything once the user go to optional criteria page in lookup.

Workaround: No workaround solution is available.

7677448

Issue: Not able to configure the columns on predefined filter views.

Workaround: No workaround solution is available.

7699519

Issue: The copy/paste response lines feature is missing in supplier side RFQ **Response** tab.

Workaround: No workaround solution is available.

7702062

Issue: There is no "Show all Items" option available after you apply the filter for personalize view.

Workaround: No workaround solution is available.

7703161

Issue: Keyboard control should be supported for personalize by typing the first letter.

Workaround: No workaround solution is available.

7703281

Issue: Need option of advanced search for suppliers in price creation.

Workaround: No workaround solution is available.

7703329

Issue: Need advanced search of items and mfr parts in price creation popup window.

Workaround: No workaround solution is available.

8199247

Issue: When response is from lookup, the source of response attribute should be a link.

Workaround: No workaround solution is available.

8241036

Issue: There were no simple search, advanced search, saved search and recently visited options in search wizard for sourcing project in reports.

Workaround: No workaround solution is available.

8266857

Issue: There is no Quick View option for an Mfr in **AMLAnalysis** and **RFQ Response** tabs.

Workaround: No workaround solution is available.

8273419

Issue: Not able to create sp when the response required field is set to required.

Workaround: No workaround solution is available.

8302611

Issue: User-defined flex field mapping does not work for parts Page Three to sp-aml (item).

Workaround: No workaround solution is available.

8303407

Issue: User-defined flex field mapping does not work for Mfr parts Page Three to sp-aml (aml).

Workaround: No workaround solution is available.

8305788

Issue: FRQ status is displayed as new when the supplier first opens the RFQ.

Workaround: No workaround solution is available.

8367001

Issue: RFQ number displays Sourcing Project (SP) number in left pane when we log out and comeback.

Workaround: No workaround solution is available.

8368137

Issue: No error message displays when trying to drag and drop quote history price to a PCO.

Workaround: No workaround solution is available.

8391426

Issue: The Delete key is not working properly in the assigning partners wizard while removing partner.

Workaround: No workaround solution is available.

8424408

Issue: A user is able to add inactive suppliers through the saved searches option in an RFQ.

Workaround: No workaround solution is available.

8439297

Issue: A user is not able to delete AMLs when they are in collapsed mode using the Delete key.

Workaround: No workaround solution is available.

8510136

Issue: The user is getting an application error when clicking the Next button in the item Quick View while applying price adders.

Workaround: No workaround solution is available.

8517682

Issue: The ACR cost is being calculated based on no-bid items also (in case of requote).

Workaround: No workaround solution is available.

8520922

Issue: The Response Comparison Report displays "An unexpected error has occurred. Please contact your system administrator," for TLA with partner.

Workaround: No workaround solution is available.

8537664

Issue: The user is getting a fatal error in the SP **RFQ** tab after creating an RFQ in this scenario.

Workaround: No workaround solution is available.

856748

Issue: When a user exports a Supplier object with Contact Users the operation fails with a Number Format Exception message.

Workaround: No workaround solution is available.

Product Interchange

Product Interchange (PI) will not be available to purchase from eDelivery/Metalink in association with Oracle Agile PLM 9.3. For existing customers who have already deployed PI, to continue to use your current PI with 9.3 PLM you will need to perform the following actions:

1. Stop PI server.
2. Copy AgileAPI.jar from Agile93PLM server agile_home/integration/sdk/lib install location to <PI_HOME>\AGILEPI\FMA\WEB-INF\LIB, thereby overwriting the previous file.

3. Modify "moorea.properties" file (<Agile_PI_Home>\AgilePI\moorea.properties) with 93 PLM details including the appserver and DB details.

4. Restart the PI server.

Product Portfolio Management

7364728

Issue: After adding an Action Item in the Upcoming Activities and Action Items widget, the filter defaults to All.

Workaround: No workaround solution is available.

7364749

Issue: In Upcoming activities and Action items, the sorting is not retained if filters are changed from Default settings.

Workaround: No workaround solution is available.

7629734

Issue: The schedule End Date is incorrect when the Start Date is a weekend and the duration is one day.

Workaround: No workaround solution is available.

7640438

Issue: Copying users from Search Results and then pasting on the **Team** tab of a Program object is not working properly.

Workaround: No workaround solution is available.

7828710

Issue: The user cannot remove an image after it was added.

Workaround: No workaround solution is available.

8224879

Issue: Printing from the Timesheet Report does not display according to the previously selected sort order.

Workaround: No workaround solution is available.

8249831

Issue: The Copy URL to Clipboard does not work properly.

Workaround: No workaround solution is available.

8277710

Issue: The Reply icon for a Discussion is not displaying in My Assignments, Dashboard, My Stuff, Notifications tables, or Searches.

Workaround: No workaround solution is available.

8306646

Issue: In the **Collaboration** tab of project, removing discussion objects of a subtasks is not happening when the "Display All levels" option is selected from the parent project.

Workaround: No workaround solution is available.

8417183

Issue: The singular search result of a discussion object does not open the discussion in the right pane. It opens as a table.

Workaround: No workaround solution is available.

8427856

Issue: Dot icon is not displayed in **Collaboration** tab if we import Action Items.

Workaround: No workaround solution is available.

8431886

Issue: From **My Assignments**, trying to filter by the Due Date field with the "EQUAL TO" operator does not work properly.

Workaround: No workaround solution is available.

8448813

Issue: A user cannot remove already existing users from the Notify list of a discussion reply message.

Workaround: No workaround solution is available.

8533939

Issue: The list IDs for fields on the Dashboard Filter page are hard coded to out-of-the-box lists.

Workaround: No workaround solution is available.

Integration

8248647

SDK

Issue: Expose the new method `IRow.getRowId()` in SDK has inconsistent results with `IEventDirtyFile`

/ IEventDirtyRowUpdate.getRowId().

Workaround: No workaround solution is available.

8417656

Import

Issue: Application error when user cancels the Validate action and clicks on Import button.

Root Cause: The issue is reproducible if the users clicks Cancel button twice. The Cancel button is still visible after clicking it first time if there are large message to display.

Workaround: No workaround solution is available.

8349394

Issue: OAS AQ cannot be configured with WLS.

Workaround: No workaround solution is available.

8295763

SDK

Issue: Cannot set Default values for any MultiList attributes from SDK.

Workaround: No workaround solution is available.

8354350

ACS

Issue: ACS does not support WLS topics.

Workaround: No workaround solution is available.

8570910

SDK

Issue: Retrieving thumbnail sequence on Item Title Block is not in the correct order in SDK.

Workaround: No workaround solution is available.

8567308

Web Services

Issue: Attachment/Checkin for Web Services has a ContentID failure.

Workaround:

For the Oracle Application Server: Standalone Environment

1. Log on as a user with local Administrator permissions to the computer where the Agile Application Server is located.

2. Make sure OPMN processes are running on the Application Server.
3. Follow the instructions in Installing Agile PLM with Oracle Application Server guide (found on the Oracle Technology Network Web site - <http://www.oracle.com/technology/documentation/agile.html>) to undeploy the Agile Application.
4. Stop the OPMN processes from the Oracle home directory.
5. Extract agile_home/agileDomain/applications/application.ear to a folder say <EXTRACTED_APPLICATION_EAR_FOLDER>
6. Open the file <EXTRACTED_APPLICATION_EAR_FOLDER>/core/WEB-INF/server-config.wsdd in a Text Editor
7. Insert the lines in bold below the wsdlFile tag for Attachment service as shown below.

```
<service name="Attachment" provider="java:RPC" style="wrapped" use="literal">  
<wsdlFile>wsdl/attachment/v1/Attachment.wsdl</wsdlFile>  
<requestFlow>  
<handler type="java:com.agile.ws.handler.v1.axis.SoapAttachmentHandler">  
</handler>  
</requestFlow>
```

8. Repack the <EXTRACTED_APPLICATION_EAR_FOLDER> to application.ear and replace in agile_home/agileDomain/applications
9. Start the OPMN processes from the Oracle home directory.
10. Deploy the Agile Application.

For the Oracle Application Server: Cluster Environment

1. Log on as a user with local Administrator permissions to the computer where the Agile Application Server (Primary Server) is located.
2. Make sure OPMN processes are running on the Primary and Secondary servers of OAS cluster.
3. Follow the instructions in Installing Agile PLM with Oracle Application Server guide (found on the Oracle Technology Network Web site - <http://www.oracle.com/technology/documentation/agile.html>) to undeploy the Agile Application on Primary Server.
4. Stop the OPMN processes from the Oracle home directory on all cluster nodes starting with Secondary Servers to Primary Server.
5. Extract agile_home/agileDomain/applications/application.ear to a folder say <EXTRACTED_APPLICATION_EAR_FOLDER>
6. Open the file <EXTRACTED_APPLICATION_EAR_FOLDER>/core/WEB-INF/server-config.wsdd in a Text Editor
7. Insert the lines in bold below the wsdlFile tag for Attachment service as shown below.

```
<service name="Attachment" provider="java:RPC" style="wrapped" use="literal">
<wsdlFile>wsdl/attachment/v1/Attachment.wsdl</wsdlFile>

<requestFlow>

<handler type="java:com.agile.ws.handler.v1.axis.SoapAttachmentHandler">

</handler>

</requestFlow>
```

8. Repack the <EXTRACTED_APPLICATION_EAR_FOLDER> to application.ear and replace in agile_home/agileDomain/applications

9. Start the OPMN processes from the Oracle home directory on all cluster nodes starting with Primary Server to all Secondary Servers.

10. Deploy the Agile Application on Primary Server only. This step will automatically deploy the Agile application on all Primary & Secondary Server hosts.

For the BEA WebLogic Application Server: Standalone Environment

1. Log on as a user with local Administrator permissions to the computer where the Agile Application Server is located.

2. Follow the instructions in the Installing Agile PLM with BEA WebLogic guide (found on the Oracle Technology Network Web site - <http://www.oracle.com/technology/documentation/agile.html>) to stop the Agile Application server.

3. Extract agile_home/agileDomain/applications/application.ear to a folder say <EXTRACTED_APPLICATION_EAR_FOLDER>

4. Open the file <EXTRACTED_APPLICATION_EAR_FOLDER>/core/WEB-INF/server-config.wsdd in a Text Editor

5. Insert the lines in bold below the wsdlFile tag for Attachment service as shown below.

```
<service name="Attachment" provider="java:RPC" style="wrapped" use="literal">
<wsdlFile>wsdl/attachment/v1/Attachment.wsdl</wsdlFile>

<requestFlow>

<handler type="java:com.agile.ws.handler.v1.axis.SoapAttachmentHandler">

</handler>

</requestFlow>
```

6. Repack the <EXTRACTED_APPLICATION_EAR_FOLDER> to application.ear and replace in agile_home/agileDomain/applications

7. Start the Agile Application Server.

For the BEA WebLogic Application Server: Cluster Environment

1. Log on as a user with local Administrator permissions to the computer where the Agile Application Server is located.
2. Follow the instructions in the Installing Agile PLM with BEA WebLogic guide (found on the Oracle Technology Network Web site - <http://www.oracle.com/technology/documentation/agile.html>) to stop the Agile Application server in Cluster environment.
3. Extract agile_home/agileDomain/applications/application.ear to a folder say <EXTRACTED_APPLICATION_EAR_FOLDER>
4. Open the file <EXTRACTED_APPLICATION_EAR_FOLDER>/core/WEB-INF/server-config.wsdd in a Text Editor
5. Insert the lines in bold below the wsdlFile tag for Attachment service as shown below.


```

<service name="Attachment" provider="java:RPC" style="wrapped" use="literal">
  <wsdlFile>wsdl/attachment/v1/Attachment.wsdl</wsdlFile>
  <requestFlow>
    <handler type="java:com.agile.ws.handler.v1.axis.SoapAttachmentHandler">
    </handler>
  </requestFlow>

```
6. Repack the <EXTRACTED_APPLICATION_EAR_FOLDER> to application.ear and replace in agile_home/agileDomain/applications
7. Start the Agile Application Server on all cluster nodes starting with Admin Server to all Managed Servers.

Variant Management

8654858

Issue: When launching a single Instance, the previously saved Instances are also shown.

Workaround: No workaround solution is available.

8687857

Issue: After an error occurred, the Launch Configurator button does not work.

Workaround: No workaround solution is available.

8817499

Issue: Able to launch the Configurator for an Instance that is used by another user.

Workaround: No workaround solution is available.

8761809

Issue: Not able to launch internal Configurator when the Mutually Exclusive is set for a sub-model of a Model Option BOM.

Workaround: No workaround solution is available.

8843763

Issue: Wrong quantity calculation when an Option Class has alphanumeric quantity values and reference designator.

Workaround: No workaround solution is available.

AutoVue for Agile

7528896

Issue: Unable to view files from View action when the attachment row has checksum error files.

Workaround: No workaround solution is available.

8240733

Issue: The Cimmetry Viewer 19.3C2 uninstaller is not cleaning the Registry properly so the user is unable to install the 19.3C2 viewer on the same machine.

Workaround: Remove the below mentioned entry from Registry:

HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Uninstall\{37426DEF-C384-4141-8B8B-50464EF87B6B}

Administration

12775046

Administration: Users/User Administration

Issue: EDITING ESCALATIONS IS NOT AVAILABLE IN 9.3.x

Steps to Reproduce: 1. Log in to Administrator, and search and open a User.

2. Click Escalation tab.

3. Add a User. You should be able to edit the user you just added.

Workaround: You have to delete and re-create an Escalation assignment in order to modify the assigned escalation.
