Oracle Agile PLM Feature Summary (v. 9.3.3 - 9.3.6)

To: 9.3.3	To: 9.3.4	To: 9.3.5	To 9.3.6
Web Client UI: Look & Feel change -tool bars updated and moved -new dashboard a tab -nav bar reconfigured (search, forw/back, etc) -sys utility toolbar (online docs, tools/settings) -utility window (always up, drawers explode, context sensitive, keep searching regardless of primary screen) -drag/drop between windows -wandering mouse curser won't open windows (fix) -nav display (displays BOM, search results, proj data to ref as navigate to other records) -set personal preference for (sort order, hide/display filters, column order, preference views) -edit directly on a displayed table (including copy/paste in fields) -Affected items split window (mco/eco affected item tab displays like java client can view redlines while editing) -Attribute redlining (fields with redline control edited directly on parent rec's and go thru CC) -Audit Status results persist (display in pop up while users continue to enter field data) -Type ahead lists (values appear based on what is typed so far) -Multi list edits (define edit via enhanced display) -Character limit counter (counts down characters in multi text field) -Automatic pagination on search (rather than cycle between page, now scroll) -Quickview enhancement (invokes popup display of details and can open from any location) -Keyboard shortcuts help (help based popup shows all defined short cut keys for reference) -Quick tours help (video guided tour of common feature/function) **Admin Settings Enhancements**	**Product Portfolio Management (PPM) Features** -PPM calendars (administrators can define multiple working day calendars for exceptions to working/non-working days) -PPM GANTT improvements (check, create & delete privileges on activities. New refresh from PLM option, read only shows successor's column. WorkFlow status change triggered on save. Duplicating completed task creates new copy.) **New PLM Application Features** -Content Authoring (large text fields available across all Agile PLM objects, are configurable visible and secure with HTML markup and journaling) -HTML in PX (extension messages (now configurable in admin preferences to publish html) -Autovue Design structure (optimized when viewing for performance by storing view for reuse after first view. Agile PLM now sends design structure and files to AutoView for rendering) -Display of revision to/from dates listed in Item header (shows intended effectivity periods in item header) **EC MCAD & Design Data Model Improvements** -EC MCAD. (in 9.3.4 with EC MCAD 3.4 structure data is moved into structure tab for dramatic improved performance. Checkout status now avail in Quickview in CAD tool, duel log in no longer required when logged into EC – Agile PLM logged in too. New silent client installer avail.) -PCM. Price scale (money attr's have admin preference of "price scale" set 0-9 to track scale)	**Product Porfolio Management (PPM) Features** -GANTT multi project (enabled for multi-project GANTT launch. Multi-project GANTT view and update including inter-project dependencies) -Project navigator in GANTT (add remove lock unlock projects via navigator) -Resource GANTT management (pre-defined and custom level filters based on visible attributes, modify privilege in GANTT) -Modify Privilege in GANTT (immediately blocks user from executing modify request if checked) -Task GANTT view improved for productivity (two added columns to manage resource table, added threshold line to utilization to find overloaded assignments, added more tooltips regarding utilization, improved resource allocation logic in templates, proposed projects and active projects) -Better effective management of programs and resource balancing (latest load option from server provides user with view to simulate changes, can insert activity gate in popup rather than inline, root parent info added to tooltip in resource view to see differing assignments, improved resource allocation view to help see duplicate assignments) **New PLM Application Features** -Design file release procedure (allows set of design objects to be put on change w/o relating items enabling designers to approve multiple designs before item creation. Enabled on Affected items of files. Can add Design CO redlines and markups, incorporate design then publish via smart rule – this feature has its own version dropdown) **AutoVue**	**PLM Application Features** -Edit Icon to Saved Search (edit search w/o having to run it) -Shows routed date in workflow routing tab (was no routing data on wf tab. Will also sort by routed date) -Additional numeric formats (before were only 2 formats, now add'l. period as decimal separator, period as thousands, apostrophe as thousands and period as decimal) -Signoff role resolution (default hierarchy, can change, resolves conflicts on mult roles per individual) -Suscribe on file actions (now available on getfile, openfile and viewfile operations. Supported in SDK, also supports Affectedfiles, affecteditemRedlineattchments) -Generate Attachment History on export (option to now include record of the export of the attachment itself) **Admin Settings Enhancements** -Control PX visibility (new setting allows user role to see PX, Admin can add roles to view PX's by user, hidden from users w/o that assigned role) -Control of List Display in Java Client (can dba can decide which lists have list or search display) -HTML Cleansing for PX (added properties file to list all allowed HTML tags, can be modified to allow tags as desired) **New Product Collaboration Enhancements** -Enable "New Rev" as a workflow entry/exit req'd attribute (allows attribute to be set and required on entry and exit for workflow)

-Web client time out (now a setting by admin)
-Date & time stamp (set to do data/time or date)
-Create notifications (create and link events for notification – can customize events)

New Application Features
-Thumbnails (viewable in key tables to scroll thru for quick views on any object table, also a thumbnail navigator display)
-Discussion record (allows user to invite users to topic discussion and capture comments then assign action items)
-PPM and MS Project co-existence (config out puts for ppm to ppm, integration as import/export, expanded ownership flexibility: only tied to modify not grant priv.)
-Product Collaboration: Augmented business visualization using Autovue.
-Product Collaboration: ECR redlining
-File handling (enabled restarts for up/download of files. Option to specify valid URL prefix and file types)
-IP Management (attachment IP reporting attachment by user, attachment history, and user history reports)
-Requirements traceability & innovation management (shows item rev specific relationships)
-Expanded attributes (page 2 att's extended, up to 10 multitext attr's to change aff item tab, fixed export issues)
-Product Cost Management: (user saved price point defaults, update of QPA on item table)
-PG&C: improved PGC weight rollup performance
-ACS only (XSLT transformation if Changecast output is needed … CC is dropped)

Platform Changes
-Coordinated products (AIA 11.5 added, EC/MCAD 3.2 not supported must go to 3.3. Oracle Mobile patch)
-Technology support (IE 9, 10, Chrome 18, 27, Safari 5,6. Weblogic 12.1.1 n/c. Oracle DB

Platform Changes
-Web services stack (stack changed from AXIS to JAX-WS)
-File transfer (works with HTML5 in IE)
-updated to use Oracle db's (12cR1 and 11GR2)
-Web browser (Firefox v21 on windows, Safari 7 and 6 on MacOS, IE 11 and 10 on windows, Chrome 27 on windows)
-server OS (Oracle Solaris 11 and 10, Oracle Linux 6 and 5, Red Hat Linux 6 and 5, MS windows Server 2012 and 2008 R2, IBM AIX 7.1 and 6.1, USE Linux 11, HPUX11.31, certified Exadata db and Exalogic app server)
-AutoVue for Agile (Autovue for Agile PLM 20.2.3)
-Server Virtualization (Oracle VM 3 w/ Oracle Linux and win Server, Oracle Solaris Containers/Zones, IBM AIX LPARs, MS HyperV)

-for Agile 21.0 enhancements (redesigned visualization engine for shortened time to market, 3D core formats added, fidelity improvement, Creo/ProE3D performance improvements 55% and 15% respectively)
-enable model based enterprise (supports PMI and GD&T data to reduce dev time eliminating 2D drawings into single dataset, Fosters design reuse, optimizes mfg. tolerances)
-3D viewing support for Agile PLM Mobile (allows viewing on the go, supports 3D CAD formats-ProE/Creo, Solidworks, Inventor, JT. Avail in both iOS and Android platforms)

EC MCAD & Design Data Model Improvements

Platform Changes
-Oracle FMW Weblogic (12c on 64 bit JDK7)
-Database (12cR1)
-Web Browser (Firefox ESR38 and 32 on windows, Safari 8 and 7 on Mac OS, IE 11 and 10 on Windows, Chrome 46 & 37 on Windows)
-Server OS (Oracle Solaris 11.2+ and 10, Oracle Linux 7 and 6, Red Hat Linux 7 and 6, MS windows Server 2012 R2 and 2012, IBM AIX 7.1 and 6.1, USE Linux 11, HPUX11.31, certified Exadata db and Exalogic app server)
-AutoVue for Agile (Autovue for Agile PLM 21.0.0)
-Server Virtualization (Oracle VM 3 w/ Oracle Linux and win Server, Oracle Solaris Containers/Zones, IBM AIX LPARs, MS HyperV)

-Smart Rule to disallow ECO release w/ outstanding redlines. (ReleaseChangeOrder with Affected Items warns or disallows based on redlines)
-Smart Rule to export BOM or AML part redlines as changed or deleted and added. (If you want this recorded as a delete of the original part and an add of a new part, you can select 'Deleted and Added')

Product Porfolio Management (PPM) Features
-Release Utilization Report (Enhanced default start and end date logic for non-object launch, retains report params including display and proposed project allocation, start/end dates retrieved from current assign/task. Added new attr to Resource Pool Utilization report)
-Enable Multiple Resource Pool Owners (went from multi-list choice to allowing multiple owners use case)
-Discovery Privileges mirror Attachment tabs. (team member can view attachment in Content tab w/o File Folder discovery)
-Enhanced preference settings. (on Project Summary Page Activities)
-Disallow status change on locked activity. (bug fix)

Platform Changes
-Application Server-Oracle FMW Infrastructure (Weblogic)(12cR2 12.2.1.1 on 64-bit JDK 7)
-Database Only- (Database 12cR1 (12.1.0.1+))
-Browsers (Firefox ((ESR 45 and 38) on Windows/Linux), Safari 10, 9 and 8 on Mac OS, Microsoft Edge and Internet Explorer 11 Windows, Chrome 55 and 46 on Windows)

11gR1, R2, 12cR1. OS: Solaris, Linux, Win Server, AIX. MS HyperV virtualization added, MS Excel up to 2013 import, MS Project 2010 and 2013 to PPM) -Autoview platform (supports Allegro 16.6, Mentor CCZ, SolidEdge ST5, Solidworks 2013, AutoCad and Inventor 2014, Revit 2011-2014, Adobe Illustrator CS4 – fixed 70 format related customer issues)			-Server Operating Systems (Oracle Solaris 11.2+, Oracle Linux 7 and 6 (64-bit), Red Hat Enterprise Linux 7 and 6 (64-bit) 7 AutoVue for Agile 21.0.1and Agile 21.0.0 Enhancements (Releases with Agile 9.3.6) 1-12 What's New in Agile PLM 9.3.6, Microsoft Windows Server 2012 R2 and 2012, IBM AIX 7.2 and 7.1 (POWER 64-bit), SUSE Linux 12 (64-bit), Add HP-UX 11.31 (Itanium64), Also certified on Exadata (database) and Exalogic V2 (app server) AutoVue for Agile. (Oracle AutoVue for Agile PLM 21.0.1 Server Virtualization, Oracle VM 3 with Oracle Linux, Solaris, and Windows Server, Oracle Solaris Containers/Zones, IBM AIX LPARs, Microsoft HyperV) AutoVue For Agile 21.0.0 & 21.0.1 -Applet Remediation (AutoVue client is now launched using the Web Start Technology) -New format support (CatiaV5-6R2015, SolidEdge ST8, Inventor 2016, AutoCAD 2016 and 2017, SolidWorks 2016, Adobe Acrobat DC 2015) -View Files in Separate Viewer (Windows settings now determine new window or reuse of current window to view files) -Moble 3D streaming files. (21.0.0 includes 3D streaming files in the mobile client)