6.5 Release Notes

Prepared - 8/23/10 10:23 PM

Release Notes							
Issue #	Category	Found In Release	Module	Title	Release Note		
183222	Feature Enhancement	N/A	API & CLI	Extended API and web services to handle document and image type fields	The API and Web Services now includes image and document type fields for insert and update. See the API Guide and Web Service Guide for full details and examples.		
182400	Feature Enhancement	N/A	Add & Edit	New feature to allow the addition of related issues on an add screen	This feature allows the configuration of a related issue display that is situated on the Add issue screen. A button is configured along with the related issue display, allowing the addition of any number of related issues to the issue currently being created.		
194743	Feature Enhancement	N/A	Add & Edit	AJAX Refreshes affecting User functionality	This is an important issue and may require changes to existing business rules. Previously, if a user focused on a field, and then set the focus elsewhere, and there was an ONCHANGE or REFRESH rule on the field, the rule would be triggered. It was not obvious to the user that an Ajax call had been made to execute a rule and there was a small delay while the Ajax call was in progress. During this time, the user had to wait, even though no changes to fields had been made. The behavior has been altered so that a rule that was something like this: if (AREA='Engineering Issues' && RELEASE_CHILD_STATUS= 'Fixed') { STATUS = 'Fixed'; } should now be written as: if (AREA='Engineering Issues' && RELEASE_CHILD_STATUS.{changed to: 'Fixed'}) { STATUS = 'Fixed'; } This will avoid the Ajax call being made, unless there is a		
197363	Feature Enhancement	N/A	Add & Edit	Repeating rows are now rendered with Ajax calls within layouts	This will avoid the Ajax can being made, unless there is a change to the value of the field. This new feature offers significant performance improvements, especially when there are a large number of repeating rows being processed on a form. The creation of a new row no longer requires a screen refresh.		
199314	Feature Enhancement	N/A	Add & Edit	The fields displayed in MINI_HISTORY are now configurable	There is a new behavior setting named MINI_HISTORY_FIELDS. This allows the fields displayed to be configured, as opposed to their being fixed with the STATUS, TIMESTAMP and ASSIGNED_TO fields.		

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Feature Enhancement	N/A	Administration		The User ID field is not modifiable and remains the key to all user information. A new field, the Alternative User ID, has been added. This field can be changed within the user administration utility. With this capability, a user's ID can be changed and the alternative User ID used to sign on. This allows users or administrators to change their ID with which they sign into ExtraView.			
Feature Enhancement	N/A	Administration	Added functionality to be able to enable / disable modules	The module field is an inbuilt field and as such did not previously have the capability of being disabled and enabled. This functionality has been added.			
Feature Enhancement	N/A	Administration	Compile and load templates into memory cache upon server startup	This is a new administrative feature that allows layouts to be pre-loaded into cached memory when the server starts. This helps with system performance when users first sign onto ExtraView, as the layouts they access will already be in memory.			
Feature Enhancement	N/A	Administration		On systems with many hundreds and thousands of users the display of the list of users on the account administration screen could be slow. The screen is now rendered much faster, even with many thousands of users.			
Feature Enhancement	N/A	Administration		This provides similar functionality to that of the AREA field, whereby alternative titles for the PROJECT field can be provided. This allows abbreviation of the PROJECT field value as use in an alternative ID for an issue.			
Feature Enhancement	N/A	Attachments		There is a new, optional feature that uses a Java applet within a user's browser to upload file attachments, document fields and image fields. This offers drag-and- drop capability for files, the ability to upload many files at one time, and to upload complete folders of files. Images can be captured on a screen and pasted directly into the utility where they are automatically turned into a file for upload. Images may be cropped before uploading. As Java applets are not completely reliable, the old traditional, point-and-click file upload mechanism is			
Feature Enhancement	N/A	Attachments	Attachment processing extensions with user custom coding	offered as an alternative. The ATTACHMENT_REPOSITORY_OPT was extended. If the configuration string starts with "CUSTOM" it is not processed for storing the attachments externally in the base code. The remainder of the string is available to configure the user custom code for attachment extensions.			
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200750	Feature Enhancement	N/A	Attachments	Attachment migration enhancements	There is a new parameter -type <content-type>. This can be used one or more times in the quoted command in place of "-id x" or "-from x -to y" to allow selection of attachments by content type. the value for <content- type> is case sensitive and may contain valid database wildcards typically '%' to match multiple characters and '_' to match single characters. For example, to migrate all binary and zipped attachments in a single command, "- type %binary% -type %zip%". Another new parameter has been added to allow passing</content- </content-type>
					a list of IDs in a file: "-id_list <filename>".</filename>
199134	Feature Enhancement	N/A	General code issues	Replaced many GIF images with PNG images	Most of the screen images are now rendered with PNG images as opposed to GIF images. New buttons that conform to PNG have been added to the product. This provides for better looking images and buttons.
194892	Feature Enhancement	N/A	Interest Lists	Support for user id's containing @ signs, in interest lists	Previously, interest list designations could not contain an @ sign. This made life difficult if an email address was used as the User ID of an account. This has been enhanced so that @ signs may be used within Interest Lists.
183599	Feature Enhancement	N/A	LDAP	LDAP authentication enhancement	To allow for the failure of an LDAP server to which ExtraView is connected, a timeout has been introduced to stop ExtraView giving the appearance of hanging. At the same time, this timeout will help with occasions when the LDAP server is very slow to give a response.
196104	Feature Enhancement	N/A	LDAP	New program to synchronize LDAP with ExtraView instances	This feature can provide a performance boost, by eliminating the need for continual LDAP accesses while adding and updating issues. With this in place, the internal (faster) ExtraView mechanism can be used, and the security_user table can be updated as a background task to ExtraView.

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217389	Feature Enhancement	N/A	LDAP	LDAP authentication changes	The use of the behavior setting named CUSTOM_AUTHENTICATION hsa changed, and you may need to reset its value to one of NO, YES, HYBRID, LDAP or LDAP-HYBRID with this upgrade. When the value is NO, ExtraView uses its standard inbuilt authentication. If it set to YES, Custom authentication will be used rather than the inbuilt user authentication scheme. If the value of HYBRID is selected, then ExtraView attempts to perform the custom authentication first. If this is unsuccessful, then the standard inbuilt authentication method is called. If it set to LDAP, LDAP authentication scheme. If the value of LDAP-HYBRID is selected, then ExtraView attempts to perform the LDAP authentication first. If this is unsuccessful, then the standard inbuilt authentication method is called. Upon performing the upgrade, the most likely changes are to change: from YES to LDAP or from HYBRID to LDAP-HYBRID Customers using true CUSTOM AUTHENTICATION, instead of using it as LDAP authentication, will need to change the value for CUSTOM_AUTHENTICATION back to YES or HYBRID.		
181948	Feature Enhancement	N/A	Notification	Extended EVMAIL_DELIMITER_TEXT to work on ad hoc email templates	Functionality in EVMAIL that removed the original text with an email reply has been extended to work with email templates. This means that users who reply to an ExtraView server from an email generated by a template, will only have their new text added to the issue, not the complete text of the email.		
195799	Feature Enhancement	N/A	Notification	Email template warning message is provided if text is to be overwritten	If a users enters text into an email template, then attempts to load text from a stored template, a warning is given that the text is to be overwritten.		
203191	Feature Enhancement	N/A	Perforce Integration	Include Issue ID and Perforce job name in log file	The ExtraView issue ID and the Perforce job name are now included with standard (info level) logging in the integration daemon log file, which will help identify specific records being created/updated, especially with tracing and troubleshooting errors recorded to the log file.		
193497	Feature Enhancement	N/A	Relationships	Added new relationship type of SIBLING	A relationship type may now be any of: CHILDREN, PARENTS, MEMBERS, RELATED, GRANDPARENTS, GRANDCHILDREN, SIBLINGS or LINKED. LINKED does not use relationship groups, but it depends on the RID_FILTERs to retrieve the selected issues. SIBLINGS retrieves issues that have a common parent with the reference id.		

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Feature Enhancement	N/A	Relationships	work for cases where records linked via ID's in UDF fields with RG attributes	removes followed by inserts. This maintained the relationships on issues that the user attempted to remove with the relationship group remove button, if that relationship was declared in some other field attributes. With this modification, the relationship group remove button is given new precedence as follows: removes,			
				inserts, deletes (where the "deletes" are relationship group remove button transactions).			
Feature Enhancement	N/A	Rules Engine	Business rules may now control "checked" or "unchecked" values for the Generate Email and Include Customer checkboxes	The new GENERATE_EMAIL and EMAIL_CUSTOMER data dictionary fields now allow direct control over the checkboxes. These fields may be used in rules to set the values to either CHECKED or UNCHECKED.			
Feature Enhancement	N/A	Rules Engine		The ADD and COPY rules now support the ATTACHMENT keyword. Used in one of these commands, it will copy all attachments from the working issue to the new issue. It also supports selective copying by adding a qualifier: ATTACHMENT.{selected}, which will only copy Attachments that have been selected. Note: selecting attachments requires turning on permissions for the ATTACH_SELECT security key.			
Feature Enhancement	N/A	Rules Engine		Previously the ERROR: action only worked within a preupdate directive. It now also works within the onchange section of the business rules			
Feature Enhancement	N/A	Rules Engine	Enhanced MAIL action with link support and recipient parsing	Now implemented is the ability to handle multiple email adresses in a single text field. The text field is parsed using commas or semi-colons delimiting the different mail addresses.			
Feature Enhancement	N/A	Rules Engine		This feature enables debugging individual rules without filling the log with details of every rule. The log level of a rule is set at the time it is compiled to the current log level. To debug a single rule, add a <== log ==> or <== debug ==> directive in front of the rule to test, followed by a directive to reset the log level e.g. <== info ==> or <== nolog ==>			
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55413	Feature Enhancement	N/A	Search / Report	Implemented a report scheduler to run reports and communicate results	This is a major new feature that allows end users with permission to schedule column reports and to transmit them via email to a list of recipients that they control. Reports can be transmitted on hourly, daily, weekly or monthly schedules and are delivered as an attachment to an email. The owner of the schedule can set up the subject line and body of the accompanying email. There is also an administrative interface that allows for central control of all scheduled reports to ensure a smooth running system and to ensure that not too many reports are running at the same moment.	
					There are two basic modes, configured by the administrator. Either the sender of the report uses their permissions to determine the content delivered to all recipients, or the mode allows for the permissions to be determined by the recipient of the report. The latter method is more secure, but requires the scheduler runs the report for each recipient as opposed to once for all recipients.	
119797	Feature Enhancement	N/A	Search / Report	Enabled hierarchy reports for the Derby database	The ExtraView version using Derby 10.6 now supports all current functionality required by the Extraview application. This was not possible before due to limitations in Derby 10.5	
196097	Feature Enhancement	N/A	Search / Report	Altered GUI that creates hierarchical reports	This enhancement simplifies the creation of hierarchical reports. The fields to be used on the report and the filters connected with them are now displayed together.	
199317	Feature Enhancement	N/A	Search / Report	The number of sort order and group by buttons on column reports has been increased to 8	It was previously possible to summarize and group four levels. This has been increased to eight levels.	
186258	Feature Enhancement	N/A	Sign On	Firefox users may save their user ID/password	There is a new behavior setting named ALLOW_PASSWORD_AUTOCOMPLETE. This allows users to individually cache their user ID and password in their browser. Previously we never allowed this at all. Now it can be allowed, as long as the administrator deems this as appropriate behavior.	
194734	Feature Enhancement	N/A	User Custom	New custom exit implemented for Mass Update feature	A new user custom exit has been added to permit a user custom to filter the list of fields available for modification in the Mass Update utility. The method is named massUpdateSelectList, and it has the following parameters: - Connection to database	
					 Current session The list of dd names and titles that will be presented to the user Flag indicating whether it is for a clone operation or a mass update operation The returned list must leave alone the first entry in the list, which is a dummy value. The ddnames in the list have 	
					already been checked for security permissions, so not all ddnames may be present	

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196102	Feature Enhancement	N/A	User Custom	New user custom exit in Display to remove add/edit buttons	A new map named buttonInclusionMap can be defined within user custom code to allow the suppression of different buttons on the menubar with the custom code.			
197365	Feature Enhancement	N/A	User Custom	Ability to control viewing or downloading of attachments	There is a new user custom exit within attachments that allows the control of visibility of individual attachments according to rules set in the custom code.			
199272	Feature Enhancement	N/A	User Custom	New class to do an expedited Add from custom code instead of the apiAdd routine	This routine provides an alternative to calling the apiAdd routine from custom code to add issues. It calls all the same user exits as the apiAdd, but creates the objects directly.			
199205	Feature Enhancement	N/A	User Interface Issues	Localized navigation bar images in Japanese have been added	When a user's locale is Japanese, then localized images now appear on the navigation bar.			
199273	Feature Enhancement	N/A	Web Services	Web service call can now return a list of report IDs	There is a new call named getReportHandle that allows a list of report ID's to be returned via a web service			
192476	Product Bug	6.3.1	API & CLI	Perl error in evget CLI command	CLI users of the evgetfields command could sometimes see: Newline in left-justified string for printf at ./evget line 234, <stdin> line 2. This problem has been fixed.</stdin>			
196055	Product Bug	6.0.4	API & CLI	evsearch issue "Newline in left-justified string for printf at Client.pm line 164	This was a bug in the evsearch CLI command and has been fixed.			
216993	Product Bug	6.3.1.2	API & CLI	Could not use ID as a runtime filter when running the API command RUN_REPORT	If the REPORT_ID exists, then that will be the report id used to generate the report. If the REPORT_ID is not provided, then the ID will be set to be the report ID, thus resolving the problem.			
192703	Product Bug	6.3.1.2	Add & Edit	ExtraView fails to handle Enter key attempts gracefully on Safari / Chrome / Firefox	ExtraView did not gracefully handle the use of the Enter key on Add / Edit screens in Safari / Firefox / Chrome browsers. We now catch the keycode and handle this appropriately.			
198970	Product Bug	6.3.1.3	Add & Edit	Error with Calendar JavaScript file	The Calendar JavaScript file was not being initialized correctly in a multi-locale system. This was fixed			
199429	Product Bug	6.4	Add & Edit	Non-responsive system when clicking "update & next" on the edit screen	This problem was only seen on an extremely heavily loaded server. It was traced to the result set from the query not being closed once the query was completed, and the server not being able to recover in time to process the next action. This has been fixed.			
216979	Product Bug	6.3.1.2	Add & Edit	Unable to Edit issues when the first field on a form to accept focus also had a style attribute of "display:none"	Browsers do not allow focus to be set to fields which are invisible. When the first field on the layout was set with a style attribute of "display:none", the focus was not able to be set to the form. ExtraView now looks for the first field on the form that can accept the focus and sets that.			
167551	Product Bug	6.3.1	Administration	PASSWORD_RULES setting did not work correctly when hybrid authentication is being used	When hybrid authentication was set, so that an LDAP server was used for user authentication, the password rules did not work for users who were directly accessing the ExtraView server. Password authentication was still intact, but rules for complex passwords could not be set.			

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181769	Product Bug	6.3.1.1	Administration	Security permisssion pop-up window from layout editor has no content	If you created a new field on a layout within the layout editor and tried to access the security permissions for the field before saving the layout, you would get an empty window. You needed to close the window, and save the layout to continue. This has been fixed.			
194818	Product Bug	6.4	Administration	Password security issue with Adobe Flash plug-in	It was possible using the Adobe Flash plug-in to hijack an ExtraView session and then alter the password of a different user account. This is now impossible.			
195868	Product Bug	6.4.1.1		Account was not disabled after MAX_SIGNON_ATTEMPTS with hybrid authentication	When an LDAP server and the ExtraView authentication mechanism were used together in the hybrid mode, user's accounts which used the ExtraView authentication were not disabled according to the setting in MAX_SIGNON_ATTEMPTS. This has been fixed.			
197333	Product Bug	6.4.1.1	Administration	\$\$URL\$\$ tokens on Display as URL fields in data dictionary used inconsistent syntax	The form \$\$URL\$\$ did not work as specified as a display as URL field in the documentaiton. This has been altered so that field references without a suffix become "NAME" entries, which are prefixed by the home URI. \$\$URL\$\$ is a special case with historical meaning (it actually should be \$\$URL.URL\$\$, which does work). Special case code was added to coerce \$\$URL\$\$ to become \$\$URL.URL\$\$ for consistency and backwards compatibility.			
199235	Product Bug	6.4.1.1	Administration	The administration screen for End-user Session Management displayed a misleading message about the licensing, when a mixed-mode license key was in force	The misleading message has been removed			
203095	Product Bug	6.2.3	Administration	Tooltip (help text) did not always show up for repeating row fields	Help text defined in the data dictionary on repeating row fields would not always be displayed with the mouseover event in a browser. This has been fixed.			
189885	Product Bug	6.3.1.1	Allowed Values	Upgrade to 6.3.1 from a 6.0.4 database there was a problem with Allowed Values when parent field was AREA	This was a script problem with the upgrade process and has been fixed.			
192583	Product Bug	6.3.1.1	Allowed Values	Problem with Allowed Values when parent is the AREA field	This only became an issue when upgrading an old 6.3 site to this version of code. The allowed values enhancements from that version introduced an incompatibility with allowed values where the AREA field was the parent. This has been fixed.			
203142	Product Bug	6.4.1.3	Attachments	Potential security issue with the adding of attachments	It was possible for an end user with significant knowledge of web-based applications to add attachments to issues that they may not have access to. It was also possible for a person with significant knowledge of ExtraView's administration system to hijack an account and change the password of the account. These potential security holes have been closed.			
199175	Product Bug	6.4.1.1		Calendar reports ignored runtime filters when the report was run from the query screen	Runtime filters on calendar reports were utilized when running a report from the report editor, but not when running the report from the query screen. This has been fixed.			
219173	Product Bug	6.3.1.1	Calendar	Calendar report query optimization	Calendar reports that simply used a single date field, as opposed to a date range to generate the issues on the calendar report were taking an excessive time to generate. The query that retrieve the data has been optimized to resolve the problem.			

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199046	Product Bug	6.4	Database		The log file from the customer's site was analyzed and it was determined that a specific database query in MySQL was causing the problem. The query has been fixed.		
165410	Product Bug	6.2.1	EV Mail	Fatal Task Configuration email message sent to administrator	Transient error conditions on an installation's network could result in a disruption of a connection to an email or other server utilizing an ExtraView task. When the connection was restored, ExtraView continued to report an error, even though the error no longer was present. This has been corrected so that the errors will stop when the service is restored to the task.		
195783	Product Bug	6.4.1	Escalation	Escalations failed with "User ID is null" condition	This was due to a combination of factors; the session was not initialized correctly, making the session vulnerable. In addition, background task sessions were being timed out if they were spilled to the database by the session cleanup logic.		
217460	Product Bug	6.4.1.3	History	Embedded JavaScript executed on History reports	This was a low-level security issue. Given that it was not possible to update any ExtraView object from the history screen, the fact that JavaScript could be embedded within an HTML area field would execute was judged as a minor issue. However, this has been fixed.		
194720	Product Bug	6.4.1	Import and Export	After performing an XML export and importing the file a saved chart could not be run or edited	This occured when the XML export explicitly excluded reports from the export. The import incorrectly handled the absence of the reports and caused a problem with existing charts. This has been fixed.		
194741	Product Bug	6.3.1.3	Import and Export	Using a date range to restrict the output of an xml export file created an improperly formatted XML file	The filter using a date range on the XML export was not working correctly and has been fixed.		
194742	Product Bug	6.4	Import and Export	Metadata import problem with business areas	After performing an XML export of metadata, and importing the file, business areas in the export file were not visible to users as they had been in the source database. This was fixed.		
203088	Product Bug	6.1.4.1	Import and Export	After importing an XML file, a layout could not be found	An administrator chose both the options to include reports in the XML export as well as to exclude the reports. This caused a problem which could not be handled by the XML import process, resulting in some layouts not being found. This error condition has been resolved, so that the administrator cannot export a conflicting set of information.		
192626	Product Bug	6.4.1	Layout Editor	the Screen and Report Layout Editor	When an administrator attempted to save a layout to a different business area and project, they received an alert that they needed to provide a title and description for the layout, even though that was present. This was fixed.		
217458	Product Bug	6.3.1.2		IE 8 had a JavaScript problem with setting the focus to an element on a layout	This error occured only with IE 8, and only when a text field was placed on a row by itself, and a text area field was placed on the following row by itself, and there was a relationship between the two fields. This unusual configuration exposed a bug in IE 8. A workaround to the IE 8 bug has been inserted into the code.		
191035	Product Bug	6.2.1.1	Notification	Error with Plain Text (very brief) Email format setting	Users who elected to receive their email in the very brief format found HTML code in the header of log area (comments) fields. This has been fixed.		

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194822	Product Bug	6.3.1.1	Notification	Email Template notifications sent by business rules did not support special tags	The tags \$\$EXT_URL\$\$, \$\$APP_HOME\$\$ and \$\$IMG_HOME\$\$ were not supported in email templates. This has been fixed.			
196010	Product Bug	6.1.4.1		A user's alternative email address could not be used when rules are used to send an email via an email template	When a user elected to receive their email notifications at their alternative email address, and a notification was generated via a rule, the notification would be delivered to the user's primary email address. This has been fixed so that email templates used through rules respect the user's setting.			
203190	Product Bug	6.3.1.1	Perforce Integration	The P4DESC settings were not behaving correctly	When the P4DESC_DIFFS setting was set to "none" and the P4DESC setting was set to a valid text area field, then no changelist information was passed to the ExtraView record when the corresponding Perforce job had associated changelists. Now, only the changelist description/details are passed by the integration daemon, but not any of the file diffs.			
189307	Product Bug	6.3.1.1	Quickedit	Quickedit affected Detailed Report of other records on same Home page report	It was not possible to View an issue on a Home Page report at the same time a Quickedit session was open on a different issue within the same report. This has been fixed.			
216971	Product Bug	6.4.1.1	Relationships	Creating issues that are not in your current business area whilst within a related issue display caused an error within the related issue display	If a user created an issue in a business area that was not their current business area, and if the outbound email notification layout had a related issue display, the related issue display could not find the layout for the underlying report and instead of showing the related issues, it displayed an error message within the outbound email where the related issue display was positioned. This has been fixed.			
199502	Product Bug	6.4.1	Rules Engine		The following rule did not work when more than one user was selected in a multi-select user field. <== preupdate ==> ## Send Email to Users listed in the In-house Closure Notification List field when ticket is Closed if (AREA='Internal Ticket' && STATUS.{changed to:Closed}) { {MAIL:'In house Closure Notification',IN_HOUSE_CLOSURE_NOTIFY_LIST}; } This has been fixed			
167060	Product Bug	6.3.1.1		Personal user saved settings were not stored correctly if the user ran a Quicklist report by repeatedly by clicking the "Go" button without allowing time for the report to run	This only happened when advanced filters were set, and the user repeatedly pressed the "Go" button without pause. This behavior has been stopped.			

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167750	Product Bug	6.3.1.1	Search / Report	JavaScript stopped running on Home Page reports and Query pages with Safari 4 browsers	In Safari and Chrome browsers, if you drilled down into an issue, and then closed the child window, you could not then drill down into further issues until you refreshed the report. A similar problem existed on the Query page. If you ran a report and then drilled down into an issue, you could not drill down from that same report any longer until you refreshed the Query page. This has been fixed.		
191042	Product Bug	6.4	Search / Report	"Since" fields on a matrix report returneded more items than they should	If you use any of DATE_CREATED_SINCE, DATE_LAST_STATUS_CHANGE_SINCE, TIMESTAMP_SINCE on a matrix report, more items were returned on the drilldown than the count of issues on the report. This has been fixed.		
203140	Product Bug	6.4.1.1	Search / Report	Query ran, returns all expected records but never completed	This was caused by a bug in handling the result set from the report, causing the report to run repeatedly until the browser window was closed. The problem has been fixed.		
219182	Product Bug	6.4	Search / Report	Ajax timeout on Query Page when the PRODUCT_NAME field and a dependent field were selected as filters	This occured when Page refresh was selected. The code was trying to do an Ajax refresh on the field dependent upon PRODUCT_NAME. This was fixed.		
193493	Product Bug	6.4.1	Sign On	With hybrid login, when LDAP login fails, user was able to login with invalid password	This was fixed.		
Count: 81 records							