

## Release Notes for ExtraView 9.0

November 10, 2014

Feature Enhancements			
Issue #	Module	Title	Release Note
298890	API & CLI	API Update call in an ALT ID configuration	<p>To support this configuration, there is a new API parameter, "STRICT=yes". The parameter "STRICT=yes" enforces the following actions to act on ALT_ID only if there is a match for specified ID parameter. Otherwise, an "Invalid Id" message is displayed. The commands supported are:</p> <pre>-- GET -- ITEM_EXISTS -- UPDATE -- DELETE -- ADD ATTACHMENT -- LIST ATTACHMENT</pre>
293348	Add & Edit	Remember last value now works with multi-valued list fields	Previously, only single-valued fields were supported. This has been extended to allow the "Remember Last value" feature to work with multi-valued list fields.
294276	Add & Edit	Allow a message to appear to end users when no related issue items exist on a related issue display	Early versions of ExtraView had a message "No Related Items to Display" appear within a related issue display, when there were no related items. This message was considered superfluous and removed. A customer wished to see this, therefore an enhancement has been made to introduce a new behavior setting named NO_RELATED_ITEMS_MESSAGE. An optional message may now be placed in this setting, and will appear when there are no related items.
295007	Add & Edit	Deprecated the CLEAR button on ADD issue screens	The Clear button was largely redundant and rarely used. The user simply needs to click the "Add" button again to clear the form to its initial state.
297630	Add & Edit	Support for HTML within Log Area fields	A new data dictionary attribute for Log Area fields allows them to work with HTML. When enabled all Log Area fields utilize the rich text editor and report output renders the HTML within the fields.
299225	Add & Edit	Altered presentation of the popup for * Add New * list items	In the circumstances where a parent value has been chosen for an allowed value relationship, and the child list is configured with the * Add New * capability, ExtraView used to display the allowed value information, even though this was redundant as the user could not change anything. This was somewhat confusing. The messages have been removed in this case.
300690	Add & Edit	An improved mechanism to access field values that are not rendered has been implemented	<p>When fields on a layout, or entire embedded layouts, are hidden with layout cell attributes such as Visible If, browsers do not recognize that they may have content, until such time that the fields' content become visible. This has had some undesirable consequences. For example, if a child record is being created from an issue, and you wanted to "push down" one or more values from fields in the parent record, but the fields were not visible, then the child field would not obtain a value and would be empty.</p> <p>A new mechanism has been created to recognize when this situation arises, and to retrieve the hidden values so they may be used to communicate with other parts of the process.</p>
284256	Administration	New ability to define a default workspace for a user role	On the user role administration screen, a default workspace can be set for each user role.

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286516	Administration	Provide for encrypted fields within the product	<p>ExtraView Enterprise now supports encryption of text fields, on a field-by-field level. This feature is transparent to end users who have permission to view and update the encrypted fields. It provides added protection to unauthorized access to the ExtraView database, as the information within the encrypted fields is not readable without the necessary password keys. Care should be taken when using this feature, as there is no way to retrieve password keys that are lost, for any reason whatsoever. Further, the password keys must be entered by the administrator, whenever the system is restarted.</p> <p>Also note that while encrypted fields may be displayed when updating issues and on reports, they key fields may not be used as filters or within keyword searches. Also, encrypted fields may not be sorted on reports.</p>
288744	Administration	POST_UPDATE relationship group layouts have been deprecated	<p>This feature is no longer relevant to new configurations, given the wealth of new features implemented for relationship groups over the last several releases. The feature has been removed from the documentation, so new sites do not use this for configuration, but the feature will remain working on existing implementations.</p>
292117	Administration	Added additional security permission keys to user profile fields	<p>The following fields on the user screens are now controlled with security permission keys:</p> <p>Personal Options            USER.TEXT_SIZE            USER.LANGUAGE            USER.TIME_ZONE            USER.DATE_FORMAT            USER.CUSTOM_DATE_MASK            USER.HOURS_12_24            USER.CHART_FONT</p> <p>Notification Options            USER.NOTIFICATION_PRIMARY            USER.NOTIFICATION_ALTERNATIVE            USER.EMAIL_FORMAT</p> <p>Start Page Option            USER.START_PAGE</p>
295612	Administration	ALT ID pattern enhancement	<p>You can no longer create an "Abbreviated title for ALT_ID" pattern for Areas or Projects that include space characters. This would never have been a good practice but it is now enforced to simplify the keyword searching for issues within installations that have ALT_ID in use.</p>
295661	Administration	Extended the screen paging logic to UDF list fields for all administration screens	<p>The pagination logic that previously allowed an administrator to scroll through long lists of users has been extended to all large lists within the administration screens.</p>
296348	Administration	New personal option to not include attachments on outbound notifications	<p>This is a new personal option that allows each user to suppress attachments as part of notifications they receive.</p>
296358	Administration	New Report Management Administrative utility	<p>There is a new administrative feature to manage all the reports in the installation. The key features are being able to delete reports in the system according to a number of criteria such as by user, or be last run date, or similar. The report manager can also be used to perform mass updates on whether reports are available for mobile working</p>
298402	Administration	Improvement to the Export button on administration screens	<p>Historically, only the records being displayed would be exported to a CSV file, with the Export button on all the administration screens. Now, all the records in the list are exported to the CSV file.</p>

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299669	Administration	New permission keys for user account fields	For more finite control over the fields within user accounts, the following fields now have individual security permission keys: User Address User Work Phone User Home Phone User Cell Phone User Pager Number
300489	Administration	SSO_PSWRD behavior setting has been removed from the behavior settings	This setting was redundant not required.
300508	Administration	When a task is topped, we now kill any outstanding threads that might be running	Occasionally a task would get into a state where there are stuck threads. If you tried to fix it by stopping/restarting the task, it did not clean up any the stuck processes/threads. You were forced to restart the Tomcat server to remove the stuck threads. The product now kills all associated threads, when a task is stopped.
300802	Administration	The behavior setting USER_RECORDS_PER_PAGE has been renamed to ADMIN_RECORDS_PER_PAGE	This better reflects its usage.
298266	Attachments	When the attachment upload was not set to use drag-and-drop upload, the browser still attempted to load the Java Applet	This caused problems in some browsers, especially if the Java plugin was out of date. Now, there is no dependency and the applet is not uploaded if it is not required
300691	Attachments	New control for the total size of attachments being sent upon an issue update	Some organizations run mail servers with significant restrictions on the size of the mail with attachments that they will process. In the case that an issue notification with large attachment(s) are sent to these servers, the mail is not delivered. To assist in controlling this, a new behavior setting named MAX_SIZE_EMAIL_ATTACHMENTS has been created. You will not be able to update an issue and send out attachments if the total combined size of mail and attachments is greater than the value within the setting.  Should you try to update an issue where the total size of attachments is greater than this value, you may deselect one or more attachments, until the size is within the limit set with the behavior setting.
301234	Business Rules	Added the user's language to the list of user properties exposed in the rules	There is now a new value qualifier in business rules, allowing the determination of a user's language. For example:  if (USER.{language} = 'en') SHORT_DESCR = 'Language is English'; if (USER.{language} = 'fr') SHORT_DESCR = 'La langue est française';
265513	Database	Full support for MS-SQL 2012	This is now a fully supported database platform
265181	Design Center	Allow Notification fields to be placed directly on ADD and EDIT layouts	This new feature allows the NOTIFICATION fields to be placed on Add and Edit layouts, as opposed to their being in a fixed position at the bottom of these layouts. This also gives better flexibility in defining embedded notification layouts for mobile devices.
274555	Design Center	Layout cell attribute user interface has been reworked, providing a better selection mechanism of valid cell attributes and more visible help	Layout cell attributes benefit from having a new interface to create and update these. The new interface contains additional information about the use of the field. Additionally, only attributes that have an effect on the field type you are working with are visible, making it less likely that configuration errors will be made.
290027	Design Center	Allow Attachment fields to be placed on ADD_PROBLEM and EDIT_PROBLEM layouts	This new feature allows the ATTACHMENT fields to be placed on Add and Edit layouts, as opposed to their being in a fixed position towards the bottom of these layouts. This also gives better flexibility in defining embedded attachment layouts for mobile devices.

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290468	Design Center	Added capability for FOLD_PRE_ fields to use an HTML modifier for the display title	This provides added flexibility, in that the same fold fields may be reused multiple times on different layouts, providing the legend / title within the layout cell attribute. Contrast this with the legend / title being defined in the data dictionary definition for the field, where the same title is then used on every layout where the field is used.
294859	Design Center	Deprecated the SEARCH_EMAIL and SEARCH_RGFILTER layout types	These were unused and not needed.
295400	Design Center	Preview Layouts feature within the Design Center has been deprecated	The feature could not reproduce previews close enough to be of value, so the feature has been removed.
295408	Design Center	We now hide the "New" button when section is closed in Design Center	This is a small improvement to the display of the Design Center and results in less "clutter" when viewing the screen.
300048	Design Center	Create useful tooltips on fields in the design center	Within the design center, a tooltip displaying all the useful information about a field is displayed from the data dictionary, when the administrator places the mouse over the field within the layout, or over a field in the field list.
293171	EV Mail	EVMail native support for Microsoft Exchange servers	ExtraView can now be configured to talk directly to a Microsoft Exchange server, without needing to use the POP3 protocol.
295401	EV Mail	EVMail enhancements	There are two enhancements: A) A new Subject line lookup - EVMail_SUBJECT_LOOKUP - setting B) Email parsing and field assignment - PARSE_EMAIL and PARSE_FIELD settings
297897	EV Mail	New option to always use HTML version of an incoming email message instead of the plaintext version	This EV Mail enhancement allows incoming emails to be stored either as plain text or as HTML, or as both.
302682	EV Mail	support links to inline images in evmail	This EV Mail enhancement allows incoming emails to be stored either as plain text or as HTML, or as both.
275314	General code issues	Navigation drilldown search box enhancement	The drilldown search box on the navigation bar now supports the searching of any keywords, in addition to searching for issue IDs. To support this, the installation must be running Quickfind indexing.
295565	Notification	Enhancement to SUPPRESS_STANDARD_EMAIL_LIST behavior setting	The SUPPRESS_STANDARD_EMAIL_LIST can now be set by Business Area and Project, as opposed to being set globally.
276411	Perforce Integration	New 64-bit Installer for Perforce integration	There are now both 32 bit and 64 bit installers for the Perforce integration daemon.
291656	Quickfind	Quickfind indexing task enhancements	The following Quickfind configuration options are new and aid in error handling:  QUICKFIND_ERROR_NOTIFICATION_INTERVAL QUICKFIND_WARN_NOTIFICATION_COUNT QUICKFIND_WARN_NOTIFICATION_INTERVAL  There is also the new ability to split the log messages into a separate log from the ExtraView application server log.
292857	Quickfind	FullTextIndexSetup script now turn off the task and turns it back on when complete	This improvement avoids potential conflicts between the indexing within the task and within the external re-indexing utility.
296250	Quickfind	New ability to set all the parameters for the Quickfind task on the task add screen	This simplifies the setup of Quickfind on an installation as all configuration is now in a single place.
263213	Relationships	Enhanced relationship group search filters for related issue displays	There is a new configuration option for related issue display layouts. You may now select a list type field as a filter, and use either a specific value in the list, or use the current value set in the list, as it appears on the user's screen when they open the related issues.

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Issue #	Module	Title	Release Note
299795	SalesForce Integration	One-way integration from Salesforce to ExtraView	There is a new configuration property for the Salesforce integration - ONE_WAY_MODE_SF_TO_EV. When this is set, records are still synchronized between ExtraView and Salesforce, but no updates are made to the Salesforce database.
275222	Search / Report	The record selector now has a better description in the column report report editor	As opposed to just seeing a check mark, which might be ambiguous, the check mark is decorated with additional text, indicating "Record Selector".
289174	Search / Report	New ability to rank issues in one or more ways and display their ranking on reports, emails, task boards, Edit screens, Quick Lists, etc	Ranking of many issues for a single overall task, such as a product release, has never been simpler. Create a filter that allows you to display the issues you want to rank on a report. When in a workspace, you simply drag and drop the issues within the report, and the issue being dropped automatically assumes its new position within the rank.
289873	Search / Report	Matrix reports now allow the summation of a field, as an option	In addition to counting issues within a matrix report, the user may now select a numeric field, and this field is used to provide total values which correspond to the fields that meet the selection criteria for the rows and columns of the report.
292870	Search / Report	Report scheduler now logs the report ID it's running	There is now more complete logging of the information about a report run with the scheduler. This aids in debugging issues.
292875	Search / Report	Reorganize report option sections in all report editors, to allow more room for the options that are specific to each report type	This is a cosmetic change only. Report editors are now more uniform and less cluttered for the more complex configurations
293223	Search / Report	Improved user interface on the Query screen	The Query screen has improved usability. For new users, the only visible element are the advanced Query filters in expanded mode, to negate the need for many other options. All options are contained within an accordion fold which is accessed with a single mouse click.
294444	Search / Report	Scheduling of container reports	This new feature allows the scheduling of container reports. They are scheduled in the same manner as all other reports which can be scheduled.
295919	Search / Report	Allow better use of inactive users as report filters	Previously, with the behavior setting ALLOW_SEARCH_DEACTIVATED_USERS = YES and the setting USER_LIST_DISPLAY= POPUP, it was possible to select inactive users one at a time. Now you can select as many as you need from the popup.
297429	Search / Report	Increased the size of the popup list input field	The width of a popup list field used as a runtime filter or advanced query filter has been increased to 40 characters on the display.
297678	Search / Report	Fwd: Fix suppress reports for Schedule reports	There is a new option when scheduling reports to allow the report owner to determine how many results must be present on the report before sending the report. This allows reports with less than the specified number of results to be suppressed.
298957	Search / Report	The ATTACHMENT_SECTION layout may now be placed within a detailed report layout	This improvement allows the ATTACHMENT_SECTION layout to be placed within a detailed report, as opposed to requiring all the individual attachment fields being placed on the detailed report layout.
299045	Search / Report	Improve printing of reports	The printing of reports has been improved, by turning off the menubar before printing, then turning it back on. This prevents bad browser behavior where the print function overlaps the menubar on top of the data at the top of the report.
289175	Workspace GUI	New ability to create shared workspaces	Until this version, all workspaces were personal in nature. Now workspaces may be shared publicly when they are saved, allowing many people to share a single workspace set up by a user or administrator.

Count: 57 records

## Fixed Bugs

Issue #	Found in Release	Module	Title	Release Note
292066	8.1	API & CLI	The GET_FIELDS API command did not work with repeating record fields any longer	This has been fixed.
292276	8.0.4	API & CLI	Allowed_list command returned all child values, not just those defined in allowed values	This has been fixed.
299787	8.0.3	API & CLI	The API GET command would occasionally return a base-64 encoded field	This only happened when the field contained the characters "b". This has been fixed.
299941	8.1.3	API & CLI	API "allowed_list" command failure	This was due to an earlier fix, in issue #292276, allowing the same method to be used for both adding/updating and querying. The command should now always use a layout_type value of either ADD_PROBLEM, EDIT_PROBLEM or SEARCH.
291165	8.1	Add & Edit	DATE fields when user's time format does not include time component	<p>Every read/write date field on the ADD/EDIT screens will now allow the time component to be included, even if the date format does not include time. The date component/widget will provide the time with the field value when it is used. From that point onward, the time will be visible in the field.</p> <p>At the same time, the date/time formats were all upgraded to use the Java standard formatting for all locales. Previously, there were special "ad hoc" conversions of particular date/time formats for various locales.</p>
292180	8.0.4	Add & Edit	FIELD/LAYOUT VISIBLE IF Variable = 1 did not work	<p>The software was handling the data type incorrectly. There are rules on how values are compared:</p> <ol style="list-style-type: none"> <li>1. For "equal" and "not equal", you can compare strings or numeric values</li> <li>2. For "&gt;" and "&lt;", only numeric fields can be compared (NUMBER, DECIMAL, and CURRENCY display types)</li> </ol>
292516	8.1	Add & Edit	IE8 and the "Add New" list value function caused list values to "blank out"	This was only an Internet Explorer 8 problem. It has been fixed, so that values render correctly.
293295	8.0.2	Add & Edit	BUTTON_ACTION element attribute only passed the first value from a multi-select field down to a new child issue	This was a bug that was fixed. Now all selected values in a multi-select list are passed down the button action.
296522	8.1	Add & Edit	Required fields were not being required at the time of update	This was caused by required fields within sublayouts not being processed correctly in all circumstances. The problem has been fixed.
298268	8.1.1	Add & Edit	Relationship connection field had a value but was not displaying on screen	This proved to be an unusual combination of features being used, where the parent ID of an issue used the ALT_ID configuration, and the ALT_ID contained non-numeric characters. This has been fixed so that in these circumstances, the ALT_ID may contain any combination of alpha and numeric characters
299607	8.1.3	Add & Edit	Warning Message "if changes have been made they will be lost" not triggering	This only happened after a page refresh within an add or edit page. It is rare to see page refreshes in recent implementation as these have largely been replaced by Ajax calls. The problem has been fixed.
285177	7.0.10	Administration	Improve error messages when deleting UDF values	It was previously difficult to tell when you deleted a UDF, and it failed, to understand the reason for the failure. The error messages have been improved to indicate the reason for the failure to delete an item.

## Fixed Bugs

Issue #	Found in Release	Module	Title	Release Note
293467	8.0.4	Administration	Could only display / export 500 rows at a time from the User Account Management screen	Previously, the behavior setting RECORDS_PER_PAGE was used to control the number of records being displayed / exported. This function now uses its own setting, named USER_RECORDS_PER_PAGE to control the number of records being displayed / exported.
294514	8.1	Administration	Admin screens were slow when there were 10,000 or more values in a list	The speed of generating very large lists has been improved.
298825	8.0.4	Administration	COMPANY_NAME_UDF behavior setting - *None* value was added to list	When a list field is tied to the COMPANY_NAME_UDF behavior setting, and a user account is edited, you see the company name that was set when the user was created. If this was set to *None*, to remove the company name, the value of *None* was set in the database, as opposed to setting the value to a null.  This has been fixed.
293895	8.0.4	Allowed Values	Allowed Value behavior had changed in version 8.0.4	The behavior setting AV_NULL_PARENT_IS_NONE was affecting defining new parent/child settings. When it was set to YES and if the Allowed Value child values associated with a parent "default" and you added a new parent and then wished to select a few children, the GUI was auto-populating the child settings with all of the values associated with 'default' as opposed to only the allowed values.  This has been fixed.
297607	8.0.4	Allowed Values	Allowed Value problem updating issues via Quickedit	This issue required both the parent and child fields to be placed upon a Column report, and Quickedit then being used to update the parent value only, leaving an invalid child value. The dependency popup window that appears during the record should have caught this change, but failed to do so. The update then failed because of the invalid allowed values in the record. This has been fixed to ensure the popup window captures a new value for the child when the parent has been changed.
292568	9.0	Attachments	Java 7, Build 55 breaks file uploads	Yet again, Oracle introduced problems with the latest Java client for Windows. We have worked around the problem they introduced.
296853	8.1.1	Attachments	Manual file uploads were not working in IE 10	This was fixed and was only related to using IE 10
298891	8.0.4	Attachments	Attachment charset issue	A customer reported that some file attachments in their database had invalid values, with the character set being enclosed within quotation marks. This was traced to a problem in EVMail uploading attachments and retaining the double quotes. The problem has been solved.
299205	8.1.2	BatchMail	Email rule failed with com.extraview.applogic.security.InvalidUserException: Invalid user ID	This was an unusual problem and rare. When sending mail to a recipient list, the mailing list is sorted and grouped by locale. If the first person in the list was a "guest" user and some of the user's details were indeterminate (such as no locale or an invalid email address), then problems would arise. The problem has been fixed.
274909	7.0.11	Business Rules	Repeating row values were set to null upon the update of the issue	This error an issue only with the inbuilt RELEASE repeating row type, and not with repeating row types in general. It only happened when there was both a default value set for a field and the same field had its value set with a load directive within the rules. The underlying code has been fixed.

## Fixed Bugs

Issue #	Found in Release	Module	Title	Release Note
294250	8.1	Business Rules	Rules incorrectly escaped entries when it redisplayed after an update	Rules that contained valid HTML would sometimes be displayed incorrectly after being updated in the rules editor. This has been fixed.
296371	8.1.1	Business Rules	Load rule not firing when Add screen rendered as result of Add button from RID header	This was caused by the rules not correctly processing the transition from the edit screen into an add screen, and not understanding that the load rules for the add screen needed to be triggered. This has been fixed.
299448	8.1.2	Business Rules	Repeating Row fields included in email rules gave errors if the repeating row field was not on the layout	This was really a misconfiguration, but the problem has been solved so as not to display errors.
296255	8.1.1	Database	Performance issue on mysql 5.5	This was related to a query processing linked records and retrieving information from the related record into the current record. The query has been improved. What's interesting is that MySQL 5.6 processes the query with much less overhead.
299595	8.1.3	Database	SHORT_DESCR and UDF text fields in MS-SQL databases complained if you tried to input more than 128 characters into a field value	The specification called for 255 characters. This has been fixed.
300585	9.0	Database	Dependency warning on upgrade within an Oracle database	This was a warning condition within Oracle databases only, when metadata was being exported and there were constraints that had been added to the database manually, and not placed there by the ExtraView program. There is no reason to produce warning in this circumstance and the warning has been removed.
300928	8.1.3	Database	Error in database upgrade with escalation rules	An error indicating that escalation rules were not processed correctly was observed in a log file, after an upgrade to version 8.1.3. Although the customer was not aware of any issues, the code processing escalations has been revised to ensure the error is not seen, and that the escalation rules are processed correctly.
290018	8.0.4	Documentation	Update documentation to specify the new session expiry messages	The text in the RC1 - RC5 expiry messages has been updated to clarify the reasons for the session expiries.
292859	8.1	EV Mail	EV Mail with ALT_ID fields did not work	This has been fixed.
293997	8.0.4	File Import (GUI)	File Import Utility -- embedded layouts and default area/project interplay	A bug was uncovered when trying to use the File Import utility, and importing data into a business area / project that was not the user's current business area and project. The utility could not match the imported field names to the valid field names expected. This has been fixed.
299853	8.1	File Import (GUI)	Field mappings were reset to "None" when the user's default Business Area did not match File Import template area	This was a bug and has been fixed so that the import screen did not use the current session's AREA and PROJECT settings, but used the settings for the import template.
290610	8.0.4	General code issues	Workspace / non-workspace / administration user expiry problems	There were occasions when moving between workspace and non-workspace modes, and administration, when you would get session expiries, even though the expiry time had not been reached. This has been fixed.
299296	8.1	History	History report was blank for users with read-only access to the business area	This was a bug and was fixed.
301160	8.1.3	Layout Rendering	Main issue field required status was not updated when repeating row field changes; required a page refresh	Not all the dependencies were recognized by the Ajax call generated upon a new repeating row being added. This has been fixed.
296214	8.1.1	Mass Update	Mass update of repeating row records would not work across all sites	This was localized to be a problem when text fields were used as filters to prepare the list of fields to be processed by the mass update. The problem was fixed.



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Issue #	Found in Release	Module	Title	Release Note
296754	8.1	Mass Update	Trying to do a Mass update gave an error	This was related to an unusual configuration of allowed values on the fields that could not be updated during the mass update. This has been fixed.
298392	8.1.1	Notification	CC email lookup should continue processing when it encounters a User ID value that is formatted like an email address	There was a case where a User ID was formatted as an email address, but this was different from the email address in the user's account. The User ID was not a valid email address, and so the user failed to receive mail. This has been fixed to always use the value in the email address field of the user account.
290560	N/A	Quickfind	Errors fixed in indexing very large databases with Quickfind	A customer site with more than a terabyte of file attachments had errors, related to attempting to index attachments with binary file types. A new behavior setting named NOT_INDEXED_EXTENSIONS sets up a list of file attachment types that will not be indexed for Quickfind.
297437	8.0.3	Quickfind	Keyword query issue with "stopwords"	An earlier decision had been made to disallow stopword lists with Quickfind, and allow users to search for all words, no matter how simple. However, the parser that handled the keyword search string still stopped the search for stopwords such as "the". This has been fixed.
292922	8.1	SalesForce Integration	Retrieve limit reached error in Salesforce integration	An error was observed with the Salesforce limitation when more than 2,000 records were updated in one pass. The root cause was a limitation in Salesforce being reached. ExtraView now passes a maximum of 2,000 records at one time, to stop Salesforce throwing the error condition.
302822	8.1.3	SalesForce Integration	Salesforce integration daemon would occasionally skip records	This was an occasional issue only experienced by a single customer. The problem has been fixed.
285101	8.0.1	Search / Report	Report permissions are not working correctly	This was caused by an unusual set of permissions for the report. The problem has been solved with a minor code change, to better determine a user's permissions to a report.
287361	8.0.4	Search / Report	Repeating row fields from different repeating record types did not reliably appear on all reports	The rendering of fields from different repeating row layouts, when placed on the same column report, has been altered to make certain that differing filters apply to the specific repeating row fields. This results in all valid repeating row data being returned within a report.
290167	8.0.4	Search / Report	Charts were not always fully displayed within container reports	When a chart was being displayed towards the bottom of a page within a PDF, and there was insufficient room to fully display all the chart, the chart should have been moved to the next page. There were some boundary conditions where the chart remained on the first page, and the bottom part was cut off. This has been fixed.
292080	8.0.4	Search / Report	Clicking through summary reports did not always display chosen records when DAY fields were involved	This has been fixed.
293563	8.0.4	Search / Report	Could not add a new day or date field to calendar report	This occurred only when a 12 hour time format was chosen for the fields. This has been fixed.
294960	8.1	Search / Report	Reports using SYSDATE as a filter on DAY fields were throwing errors	This has been fixed.
295098	8.1	Search / Report	Scheduled Reports editor did not correctly save changes to the text entered	Once text to accompany a scheduled email was entered, it could not be updated. This was a bug introduced in 8.1 with the new editor tool. It has been fixed.

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295657	8.1	Search / Report	Running a report which contains repeating row data and merging the results with an Excel worksheet truncated the results	This issue was described as follows: If you ran a column report that contained repeating row columns, and output to Microsoft Excel, there is a result row for every repeating record, and, at the bottom of the results, the count of results matched the number of actual issues returned. For example, you may get 7 rows of data back, but the line will say "3 records found". This is correct, as the repeating rows are not counted in the total. However, when you the ran the same report to merge with an uploaded Microsoft Excel file, you only received the first 3 rows of results, not the 7 rows that match the filters.  This has been fixed.
297430	8.1.1	Search / Report	Expanded Filters were not behaving correctly on saved reports	Multiple selections in the filter were being ignored when reports configured with runtime filters on multi-valued list fields were set. This has been fixed.
298240	7.0.2	Search / Report	Expanded filters with more than one value selected were not working correctly	This only affected hierarchical reports on a child level. With expanded filters, if you selected more than a single value for a filter, only the first status filter value was used in the query. This has been fixed.
299627	8.1.3	Search / Report	Formatting changes when exporting column report to Excel	Not all data within a spreadsheet retained its formatting after being exported from a column report. For example, text cells that were "top-aligned" became "bottom-aligned" with a general format. This has been fixed.
300170	8.1.3	Search / Report	Could not run a Quicklist from a query using Advanced Filters on IE8 Compatibility Mode	This has been fixed
300267	8.1.3	Search / Report	Checkbox field in filter throws NullPointerException	This only happened if an administrator altered the titles to Y and N for the checkbox values. This has been fixed.
301252	8.1.1	Search / Report	PDF and MS Word output generated blank reports with error message	The cause of this error was utilizing aggregate functions on reports, with an aggregate function of "mean", and then using this within the sort order.  This has been fixed.
293989	8.1	Workspace GUI	Could not use the display as URL or link to access a website from within a workspace	This was fixed, but there is still an outstanding issue which cannot be fixed. The HTTP protocol used to access the external site must match the protocol used to access ExtraView. This is a browser security issue.
292350	8.1	XML Import and Export	Metadata Export failed with out-of-memory error on very large tables	This affected the security_user table when there were more than 200,000 users in the table. The problem has been fixed.
293539	8.1	XML Import and Export	button_action attribute did not "swizzle" internal id when using XML export and import	This only affected sites which used the new alternative navigation bars. This has been fixed.
298991	8.1.2	XML Import and Export	XML Import failed with the "Map unmatched titles" option	When this option was checked on the XML import, the wrong count of records was returned, and no records were processed. This has been fixed.
299559	8.1.3	XML Import and Export	Business Calendar error upon metadata migration	When you perform an XML metadata import that includes business calendar objects, there is no longer an error message due to a deletion attempt on the business calendar entry. Also, if an escalation rule has a reference to a business calendar object which is invalid, the rule will be disabled and an error message is inserted to the log
299837	8.1.3	XML Import and Export	XML import removed properties of Adobe PDF Report Mappings	This bug caused the properties of the PDF mappings to be reset to their default when an XML metadata file was imported. The bug has been fixed.

## Fixed Bugs

Issue #	Found in Release	Module	Title	Release Note
301106	8.0.4	XML Import and Export	MetaDataExport ran very slowly with a MySQL database	The system became unresponsive when creating a metadata export file with this customer's database (MySQL). A new index was added to the database to solve the problem and speed up the preparation of the export file.

Count: 64 records