

8.0 Release Notes

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Release Notes					
Issue #	Category	Found In Release	Module	Title	Release Note
230518	Feature Enhancement	N/A	API & CLI	API and CLI calls can now use titles as well as names to retrieve data from the server	This new feature allows the API to retrieve results from the database by using titles as filters as opposed to using names. The principal benefit is in dealing with UDF list values where previously the user needed to specify list ID's, which needed to be retrieved from the database with a query. To accommodate this, there is new API call parameter named API_REVERSE_LOOKUP.;
263822	Feature Enhancement	N/A	API & CLI	The GET_USER_INFO command now returns additional information	The get_user_info API call returns additional values for the fields from the user's record when the request is made. The list of fields whose values are returned is now: ADDITIONAL_EMAIL, ADDITIONAL_EMAIL_ON, AREA_ID, EMAIL_ON, LANGUAGE, AST_ACCESS_DATE, LOGIN_MSG_DT, PASSWORD_EXPIRY_DATE, PASSWORD_INTERVAL, PROJECT_ID, REGION, USER_FIELD1, USER_FIELD2, USER_FIELD3, USER_FIELD4, USER_FIELD5, USER_FIELD6, USER_FIELD7, USER_FIELD8, USER_FIELD9, USER_FIELD10, VARIANT ;
264725	Feature Enhancement	N/A	API & CLI	New command line utility to check aliased list consistency	This tool will report and optionally fix any aliased lists in the database that are not consistent. Aliased lists consist of an original list which can be edited by the GUI and one or more alias lists that should be identical. If alias lists are found to be different than the original list, they are reported as different. ;

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276309	Feature Enhancement	N/A	API & CLI	The get_valid_meta_data API command can now retrieve data for specific fields as opposed to retrieving data for all fields	A list of fields as parameters will retrieve just the metadata for the fields in the list.;
276512	Feature Enhancement	N/A	API & CLI	New EVHTTPTIMEOUT environment variable for CLI working	This new environment variable allows the CLI user to override the default timeout of 180 seconds. Longer or short values can be set, as required.;
166311	Feature Enhancement	N/A	Add & Edit	Attachment thumbnails improved and now appear on the Add as well as the Edit screen	In addition to thumbnails appearing for image files, thumbnails now appear with an icon that corresponds to the file type of the attachment. The thumbnails appear on both the Add and Edit screen as well as on reports.;
242881	Feature Enhancement	N/A	Add & Edit	Added ability to upload files as attachments when sending ad hoc emails	This is new functionality that improves ad hoc emails sent from the EDIT screen;
258415	Feature Enhancement	N/A	Add & Edit	Aliased fields and *Add New*	Previously when there was a field and an alias of the field on the same form, you could configure the field with the *Add New* attribute. However, when a new value was added to the field, it was not propagated to the aliased field until the form was refreshed or a new screen was generated. An improvement has been made to propagate the new value to the alias field as soon as it has been created.;
262788	Feature Enhancement	N/A	Add & Edit	Enhancements to Accordion folders	The contents of accordion folds are not always loaded on initial page rendering, but are only rendered when their contents become visible as the result of an Ajax operation. This improves the performance of huge complex layouts. In addition, business rules have been enhanced to open and close the accordion folds based upon conditions in the rules.;

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264580	Feature Enhancement	N/A	Add & Edit	Default values for a field now only load a value if the field is on the add screen layout	This is a change in functionality from previous versions where default values for fields would always be loaded, irrespective of whether the field was on the add layout. If this presents a problem to your installation, you can use a load directive in a business rule to replace the functionality. The new behavior is more consistent and is more intuitive to set up.;
274443	Feature Enhancement	N/A	Add & Edit	Improved performance for AJAX refresh calls on add / edit layouts	The handling of very large, complex layouts has been improved by rewriting some of the Ajax processing to handle embedded layouts and "visible if" elements more efficiently.;
246922	Feature Enhancement	N/A	Administration	End-user session management page now displays the Alternative User ID	This is shown in addition to the User ID.;
255710	Feature Enhancement	N/A	Administration	Company Name should always specify a value in a user's record	<p>When a user is added through the GUI, their company name is entered or set according to the logic of the screen. However, when users are created via the user import feature, the company name field is not required.</p> <p>This led to some problems when processing issues as the company name of a user would sometimes be a null value. Now, the company name of users is defaulted to the behavior setting COMPANY_NAME value if it is found to be null within a transaction that requires its value.;</p>
259658	Feature Enhancement	N/A	Administration	Mapping tool to create PDF forms directly from issues	This is a major new feature. Previously it took custom code to map data from an ExtraView issue to a PDF form. With this tool, data from ExtraView may be mapped directly to a PDF form with a simple scripting capability. Related issues and repeating rows are able to be mapped, as well as mapping from one type of field to a different one (e.g. mapping from a radio button to a checkbox).;

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263090	Feature Enhancement	N/A	Administration	When the administrator adds a radio button to the data dictionary, an attribute of "REMOVE NONE" is always created	It is extremely unusual to require a value of "None" with a radio button, so these are now automatically suppressed with this setting. If required, the administrator can remove the global attribute to reinstate the "None" value.;
263256	Feature Enhancement	N/A	Administration	The Layout Type details screen now shows where a layout is used	When you enter the Modify Layout Type screen, there is a new section. This allows you to see where a layout type is used throughout the installation, and allows you to bring up each layout in the Design Center;
266307	Feature Enhancement	N/A	Administration	Even as an administrator, you must now have either read or write permission to a field to see it in the data dictionary and list manager	Previously all administrative roles could see all fields in the data dictionary and the list manager, irrespective of the permissions on the field. Now the specific administrative role must have permission to see or write to the field before they can see the field. This is of importance within multi-tenanted sites with more than one administrative role.;
273051	Feature Enhancement	N/A	Administration	New ability to download the most recent saved PDF template from within the PDFmapping utility	Within the PDF Mapping Utility, we now store the original PDF before it is processed, so the user can view this at any time, without retaining their original copy;
276110	Feature Enhancement	N/A	Administration	Improved caching of layouts	There is a new behavior setting named MAX_LAYOUTS_IN_CACHE to provide the administrator with better control over the caching of layouts at runtime. Previously, a maximum number of 100 layouts were cached. For large systems, it can be more effective to increase this number, but also recognizing that increasing the number will probably mean that the amount of memory allocated to the application server will also need to be increased. For larger installations, end users will obtain better performance when more layouts are always available in the memory cache, and do not need to be build when a user renders a screen.;

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Issue #	Category	Found In Release	Module	Title	Release Note
256269	Feature Enhancement	N/A	Allowed Values	New behavior setting named AV_INTERSECT_WITH_NULL_PARENT	<p>This new behavior setting named AV_INTERSECT_WITH_NULL_PARENT is designed to be more permissive when identifying valid children in a multi-parent allowed value relationship.</p> <p>Some sites were taking advantage of a configuration which was deemed to be a bug, and removed, using null values as the parents in allowed value relationships. This setting provides backwards compatibility to the old behavior for those customers who want to retain the old way of working. The behavior is as follows:</p> <p>When there are multiple allowed values defined with the same child field, and one of the parents does not have any children defined when the selected value is *None*, the default behavior is to show no values in the child field, as there are no valid values for *all* parent field selected values, and the default value for this setting is NO. However, older customers may have configurations where they expect that if one of the parent selected values is *None* that this parent field is not included in the determination of which child values to display, and the child field should display the intersection of the permitted child values for the other parent(s) field(s). In this case, set this behavior setting to YES.</p> <p>;</p>

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Issue #	Category	Found In Release	Module	Title	Release Note
248567	Feature Enhancement	N/A	Attachments	New migration tool to extract documents out of the database and onto the file system	<p>This is a new, stand-alone program named DocumentImageMigration. It will typically be run with the support of doDocumentMigration.bat or doDocumentMigration.sh. Database patches must be run with patchrunner when DocumentImageMigration has completed its work. the program disables the database triggers when it is running, so as not to create history entries for the updates it makes.</p> <p>For most migrations only the -migrate option needs to be performed. The size columns will already be set in the database.</p>
251515	Feature Enhancement	N/A	Attachments	Ability to customize file upload windows to support external document repositories	<p>This feature allows the file upload window to be customized by the administrator to support external document repositories and file storage and sharing mechanisms such as Dropbox. This feature must be customized in conjunction with custom code that supports any desired external repository.;</p>
252387	Feature Enhancement	N/A	Attachments	Block specific file types from being uploaded as attachments	<p>This new feature introduces a new behavior setting named BLOCK_ATTACHMENT_EXTENSIONS. This contains a delimited list of file extensions. Files of these types will be blocked from being added to the database, when uploaded as attachments, documents or images. The default is that all file types can be uploaded.;</p>

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252653	Feature Enhancement	N/A	Attachments	Altered message when a file upload is blocked by the behavior setting ALLOWED_ATTACH_SEARCH_FILE_EXT	<p>When an attachment upload is not allowed by virtue of the behavior setting named ALLOWED_ATTACH_SEARCH_FILE_EXT, there is a new message that states:</p> <p>You uploaded a file type which cannot be stored in the database. If you believe this to be an error, please contact your system administrator. The name of the file you were attempting to upload is xxxxx.xxx.;</p>
256211	Feature Enhancement	N/A	Attachments	Improved error handling when attachments are too big	<p>This primarily affects sites which use MySQL as the database, as the default maximum size of attachments is very small compared to other databases. There is now an improved message if the user attempts to upload an attachment, document or image that exceeds the default size.;</p>
258063	Feature Enhancement	N/A	BatchMail	Do not process files that start with a '.' in BatchMail	<p>These files are normally files used by the operating system of the server, and we now do not touch these in any way when processing notifications.;</p>
252164	Feature Enhancement	N/A	Business Rules	Added PROJECT as a filter to the Object rule	<p>The PROJECT field is now able to be used as a filter to an Object rule, in addition to AREA.;</p>
261128	Feature Enhancement	N/A	Business Rules	Extended link business rules to handle additional hierarchy levels	<p>When you create a business rule with a LINK directive, you specify a parameter of RGTYPE to determine the relationship type. Traditionally, these have supported CHILDREN, GRANDCHILDREN, PARENTS and GREATGRANDPARENTS. Additional levels have been added to the capabilities, allowing GREATGRANDPARENTS, GREATGRANDCHILDREN, GREATGREATGRANDPARENTS and GREATGREATGRANDCHILDREN to be used in the link rules.;</p>

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255081	Feature Enhancement	N/A	Charts	Change the gradient background color for charts to be a lighter color	Charts now use a lighter gradient behind the chart data. The new, lighter colored gradient only takes effect after you resave the chart.;
243320	Feature Enhancement	N/A	Design Center	Changed presentation of FIELD REQUIRED in the design center	The presentation of the FIELD REQUIRED layout cell attribute has been altered to be the same as for all other layout cell attributes.;
244996	Feature Enhancement	N/A	Design Center	Implemented Read-Only If layout cell attribute on Document and Image Type Fields	This feature is implemented in the same way as it works for fields with other display types.;
248845	Feature Enhancement	N/A	Design Center	List values of fields may now be maintained from within the design center	All enumerated list fields may now have their values maintained from within the design center, reducing the need to access and use the separate list maintenance utility.;
248849	Feature Enhancement	N/A	Design Center	The AREA and PROJECT fields are now placed on layouts, like all other fields	This is a major enhancement. Previously, the AREA and PROJECT fields were implicitly assumed to be on all ADD and EDIT layouts and their presence or absence was controlled via security permission keys. These fields are now optional, and ExtraView will assume the user's default value for these if they are not present. They do not need to be at the head of the layouts, but can be placed anywhere. Further, these can be used in conjunction with the layout cell attributes FIELD_HIDE_VALUES and FIELD_VISIBLE_VALUES so that you can display only the field values you want the user to see.;

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250080	Feature Enhancement	N/A	Design Center	Search & Connect Buttons on an embedded search layout	<p>The default titles for buttons within the search capability that may be placed on an add or edit screen have been changed to "Search" and "Connect". These titles may be overwritten with layout cell attributes. The title to the "Select All" button has been changed to "Check All" to reflect the change of the icon to a check mark.</p> <p>The script to alter the title of the button to "Check All" assumes that your button is named SELECT_ALL_BTN in the data dictionary. If you have set up this feature previously and used a button with a different name, simply go to the data dictionary and alter the title of your field to "Check All";</p>
251071	Feature Enhancement	N/A	Design Center	Clarify titles of layout cell attributes in design center	<p>The names to all the layout cell attributes have been altered to provide a clearer structure and to provide consistency between the display on the design center and the display on the popup where the layout cell attributes are added and updated;</p>
254291	Feature Enhancement	N/A	Design Center	New ability to control the presence / absence list field values within add / edit screens	<p>This is major new feature, allowing the full control of individual values within list, radio button and tab fields. The configuration is accomplished with either one of two layout cell attributes, named FIELD_HIDE_VALUE and FIELD_VISIBLE_VALUES. You may only use one of these attributes on a field, but doing so offers the ability to hide specific values or only show specific values. A typical use case may be to hide one or more specific AREA values within tabs on an add screen, when you do not want users entering data into these areas, but the field still needs write permission to use when adding a related issue in a modal popup window.;</p>

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256505	Feature Enhancement	N/A	Design Center	When creating a new field from the design center, the default should be the global area and master project	When the administrator creates a new field from within the design center, the field will default to being created in the global area and master project. The area and project can be altered if required.;
256732	Feature Enhancement	N/A	Design Center	Improved presentation of information in the design center	The layout within the design center is now resizable. This makes working with large layouts easier, with much less scrolling around the screen being required.;
256888	Feature Enhancement	N/A	Design Center	Add NO_INDENT as a valid HTML_MODIFIER to shaded regions in design center	NO_INDENT is now a valid HTML Modifier layout cell attribute for shaded regions. It is added to the SHADE_PRE_XXX field and is useful to better present nested shaded regions.;
274022	Feature Enhancement	N/A	Design Center	Usability issues within the design center	<p>1 - When you click on an empty cell on the layout and right-click with your mouse, there is no Cut / Remove / Edit / Copy option</p> <p>2 - When you click on an empty cell on the layout and right-click with your mouse, you now see the option "New field" to add a new field using the popup to the data dictionary. Once the field has been created, it is placed directly into the cell where you are pointing</p> <p>3 - Similarly, if you have an empty cell selected and highlighted, if you then click the "New" button at the top of the field list, the newly created field is placed into the highlighted cell</p> <p>4 - The footer and the copyright message are removed;</p>

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246375	Feature Enhancement	N/A	EV Mail	New ability to capture the originator's email address from EVMail when the originator is not a registered user in the system	If an email is processed by EVMail and we fail to find a valid user who has an email address or alternate email address that matches the incoming message FROM address, we will place the FROM address in a field designated in the EVMail configuration. If we do find a matching user, we will not populate the new field, we will continue to simply set the Originator field to the identified user account.;
253458	Feature Enhancement	N/A	EV Mail	New ability to capture the TO recipients in an incoming email and place them in a UDF field	There is a new EVMail configuration item named EVMAIL_TO_UDF. This allows the storing of the email addresses within the TO header of an incoming email within a user defined field.;
258712	Feature Enhancement	N/A	EV Mail	Additional escaping of special characters when issues are parsed by EVMail	Not all special characters such as ampersands and quotes were being escaped appropriately when incoming emails were parsed by EVMail. This has been fixed.;
273894	Feature Enhancement	N/A	EV Mail	Increased limit on text area fields being processed with EVMail	There was a previous limitation on the size of text area fields within ExtraView (32k). EVMail would therefore not allow more than this number of characters to be processed. Now, text area fields can be of any size, so the limit on incoming text fields has been enlarged to 512k.;
275410	Feature Enhancement	N/A	File Import (GUI)	ability to import document and image data types as part of file import	There is a new extension to the file import utility in that document fields, image fields and attachments can now be imported as part of the process.;
278254	Feature Enhancement	N/A	File Import (GUI)	security permissions patch missing from mysql	There is a new extension to the file import utility in that document fields, image fields and attachments can now be imported as part of the process.;

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252418	Feature Enhancement	N/A	General code issues	Improved messages from warnings about impending session expiry	When a concurrent user reaches the time period close to their session expiry, the warning popup is now more informative, and provides better information about how close to the timeout that they are. The warning is updated every 10 seconds, unless the user begins to use their session again.;
255570	Feature Enhancement	N/A	General code issues	Update all tabs to use png rather than gif format	All tabs have been altered to use image png format rather than gif format.;
256340	Feature Enhancement	N/A	General code issues	Renamed ExtraView GC to ExtraView Enterprise	This is a global change in the name of the ExtraView GC version to ExtraView Enterprise;
256500	Feature Enhancement	N/A	General code issues	Changed image for the selector box the red X becomes a green check mark	The red X becomes a green check mark on all screens that use it as an indicator of making a valid selection;
257674	Feature Enhancement	N/A	General code issues	Clarified text in all session expiry messages	The text in the RC1 - RC5 expiry messages has been updated to clarify the reasons for the session expiries.;
264623	Feature Enhancement	N/A	General code issues	Support for Microsoft IE10	Support has been added to ExtraView for Microsoft Internet Explorer 10.;
275903	Feature Enhancement	N/A	General code issues	More generous limit on the "100" layouts that can be pre-cached	Pre-cached layouts now use the MAX_LAYOUTS_IN_CACHE behavior setting, allowing any reasonable amount of layouts to be pre-cached when the server is first started.;
275918	Feature Enhancement	N/A	General code issues	New feature to allow asynchronous updates to issues being added / updated via business rules	<p>There are occasions when an update by a user to a single issue may trigger business rules that add or update a large number of other issues in the system. This necessitated the user waiting for these inserts / updates to wait until they had completed before their screen was updated.</p> <p>Rules that are executed to generate inserts or updates may now use a new parameter, NOWAIT. When this is provided the rules are executed in the background, resulting in the user getting a more immediate update to their screen.;</p>

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250652	Feature Enhancement	N/A	History	Provide paging logic on history reports	A few customers have sites where the number of updates to a single issue number up in the thousands. When that occurs, the history screen can be slow, because of the tremendous amount of data sent to the user's browser. Paging logic has now been added to the history report to solve the performance issue.;
256657	Feature Enhancement	N/A	Home Page	Change Home Page screen	The sign on message will now be visible on the Home Page for the ADMIN user account.;
252578	Feature Enhancement	N/A	Jira Integration	New Jira integration daemon	This new integration provides bidirectional synchronization of Jira with ExtraView. For more information, see the documentation at http://docs.extraview.com/site/extraview-70/integration-guides/jira-integration-guide. ;
275397	Feature Enhancement	N/A	Jira Integration	Implemented one-way synchronization	There is now support for read-only fields with the new EXTRAVIEW_READONLY_FIELDS and JIRA_READONLY_FIELDS configuration settings. This allows the one-way synchronization of data through the integration daemon by treating the fields specified by the settings as read-only.;
257951	Feature Enhancement	N/A	LDAP	Allow LDAP to upsert existing user accounts upon sign on	Previously, ExtraView user information was pulled from LDAP only at the time a new user signed into ExtraView. If the LDAP account was changed (email address, title, etc.) this information was not updated automatically in their ExtraView user account settings. Now, the user information is upserted upon each sign on by each user.;

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258163	Feature Enhancement	N/A	LDAP	Speed up add/edit pages for customers with high-latency LDAP servers	This is an important feature enhancement for sites that utilize LDAP or AD servers. Often, these servers can be somewhat slow to provide ExtraView with the user data. This is especially noticeable on add and edit screens. This enhancement requires a new task named LDAP Background Task (not to be confused with the LDAP Synchronization Task) to be configured within the Manage Tasks admin utility. The task will obtain information from the LDAP server on a timed basis, thereby allowing ExtraView to minimize the number of occasions it needs to retrieve fresh information. This task should be configured in preference to the LDAP Synchronization Task. Both tasks should never be configured together.;
262784	Feature Enhancement	N/A	Layout Rendering	Created means to allow condensed or expanded filters on embedded search layout	There is a new layout cell attribute named LAYOUT SEARCH EXPANDED MODE that can be applied to embedded search layouts on add and edit screens. When this attribute is set, the search layout is rendered in expanded search mode, as opposed to condensed search mode. This allows users to make multiple selections for filters when searching for items to relate to the current issue.;
274104	Feature Enhancement	N/A	Layout Rendering	Not Required If layout cell attributes now work with multi-valued fields	This is a new feature to enhance the available logic for configuring complex sites;
260378	Feature Enhancement	N/A	Mass Update	Allow multiple mass update operations to run concurrently	Previously, only one mass update could be run at one time site-wide. With the advent of drag-and-drop and the potential that multiple users will want to drag-and-drop multiple issues at one time, this restriction has been relaxed to allow one mass update operation per user at one time.;
260530	Feature Enhancement	N/A	Mass Update	Obey rules and dependencies for multiple issue drag-and-drop operation	Mass Update now checks for required fields when updating issues.;

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277788	Feature Enhancement	N/A	Mass Update	Mass Update: Append function for multi-select list fields	The functionality of mass update has been altered for multi-select fields. The previous behavior was that all currently selected values were replaced with the values chosen for the mass update. The new behavior is that the values chosen for the mass update are used to complement the current values, with the result being the accumulation of the old and the new values.;
254840	Feature Enhancement	N/A	Notification	Provide EVMail_DELIMITER_TEXT as an option in outbound plain text emails	This allows better use of replies being generated from the emails, that are used to update issues in ExtraView. The inclusion of the delimiter is now an option in all email templates.;
264087	Feature Enhancement	N/A	Notification	Email notification settings may be set by Business Area and Project	The behavior settings for AD_HOC_EMAIL_FROM_ADDRESS, AD_HOC_EMAIL_FROM_SENDER, EMAIL_ADMINISTRATOR_NAME, EMAIL_ADMINISTRATOR_USER_ID, EMAIL_FROM_USER_ID, and EMAIL_FROM_USER_NAME may now be set for any Business Area and Project, overriding the global settings on the behavior settings screen.;
266236	Feature Enhancement	N/A	Notification	Character limit on user names within notification fields has been increased	The number of characters that can be entered in the email list and cc email list has been increased to 1000, from 155.;
273115	Feature Enhancement	N/A	Notification	New support for TLS with SMTPS	The BatchMail task can now be configured to use TLS with SMTPS;

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264827	Feature Enhancement	N/A	Perforce Integration	Improved performance for changelists with large file lists	The property P4DESC_MAXSIZE = <character count> provides an escape valve when P4 changelist descriptions become very large, for example, 10,000 files in a single changelist. The "character count" is an integer that defines the threshold length of the description field, greater than which the description is added as an attachment, not as an ExtraView issue field value. This is only relevant when P4DESC = comment or P4DESC = fieldname. If P4DESC = none, then no description is replicated to the issue, and if P4DESC = file, then the description field always goes to a file attachment to the issue. This provides a significant improvement in performance for large changelists.;
261456	Feature Enhancement	N/A	Performance	Customer encountered out of memory errors from a mass update operation	Mass update operations were taking a very large amount of memory while processing. In order to improve performance, a previous change allowed 100 issues to be handled in memory at one time, as opposed to only one issue being handled at one time. A new behavior setting named LIMIT_MASS_UPDATE_BATCH_SIZE has been introduced allowing the administrator to set an appropriate value. The default is 100, but this can be reduced if the installation gets out of memory errors while processing mass updates.;
260959	Feature Enhancement	N/A	Relationships	Allow embedded search layouts to handle repeating row filter fields	This enhancement allows repeating row fields to be used as filters when they are used within search layouts embedded within add and edit screens;

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263213	Feature Enhancement	N/A	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.;
264043	Feature Enhancement	N/A	Relationships	Fields with Relationship group attributes auto-populate	There is a new optional layout cell attribute named RID OMIT AUTO POPULATE. This field may be applied to a text or text area field that is used with the layout cell attributes RID RELATIONSHIP NAME and RID RELATION TYPE. Under normal operation without this new layout cell attribute, the text or text area field is normally populated automatically by the relationship group with the ID of the related issue. Under some circumstances, this is not desired, and the RID OMIT AUTO POPULATE prevents the retention of the related issue ID when the main issue is updated.;
231803	Feature Enhancement	N/A	Search / Report	New ability to choose whether or not to display parent issues on a hierarchical report when there are no children	This ability enhances reporting hierarchies. Previously the parent records were suppressed when there were no child records. Now, this is an option in the report editor, so the user has the choice of whether to display parents when there are no children.;
231933	Feature Enhancement	N/A	Search / Report	The state of report folders are saved automatically when changed	Previously, the user could open and / or close report folders, but the open or closed status was only remembered when the user actually ran a report. Now, the folder status is remembered immediately upon a change. The number of rows on the report output is also remembered immediately when it is changed.;
250758	Feature Enhancement	N/A	Search / Report	The behavior setting named HOME_PAGE_REFRESH_SECONDS has been renamed to REPORT_REFRESH_SECONDS	This allows the same behavior setting to be used as a timer to refresh reports on the Home Page and for all reports within workspaces.;

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250869	Feature Enhancement	N/A	Search / Report	New TaskBoard report type	This major new report type provides taskboard style reports where there are two axes that represent one or more values of a field. This provides a matrix, with each location within the matrix representing an issue placed on a tile. Each tile may have a title and fields chosen by the user. The user may also place buttons such as Quickedit, Edit and View on each tile. The tiles can be dragged across the report and dropped in a new location on the matrix, thereby updating the issue that the tile represents.;
253244	Feature Enhancement	N/A	Search / Report	Mechanism to refresh reports automatically within workspaces	Reports in panels within workspaces are refreshed automatically, using the behavior setting named REPORT_REFRESH_SECONDS as the time interval. This avoids seeing stale data in some panels.;
256841	Feature Enhancement	N/A	Search / Report	Summary report now offers the ability to set an alternative title on any column	This is a minor enhancement to summary reports. An alternative title can be set, in exactly the same manner this can be done for column reports.;
260441	Feature Enhancement	N/A	Search / Report	The record selector mechanism has been added to column reports	This was previously only available on Quicklist reports. To enhance the drag-and-drop of issues, and to allow multiple issues to be selected at one time, the EV_REPORT_SELECTION field may now be placed on column reports.;
262539	Feature Enhancement	N/A	Search / Report	Option to display rows with no results in summary reports	Previously, summary reports only displayed data when there were results. There is now an option to display rows where there are no results (i.e. the summary count is zero). This will allow the drag and the drop to the row with no results, from another report. For example, you might have a summary row which has a zero for "closed" issues. Dropping one or more issues onto this row will have the effect of closing these issues.;

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265302	Feature Enhancement	N/A	Search / Report	Quickfind keyword search now supports phrase searching	Keyword searching with Quickfind now supports the ability to find phrases. The phrase you are searching for should be placed in quotation marks. For example, enter "operating system" to search for the entire string within your issues. Also, issue IDs within your text are now indexed, as well as email addresses.;
272906	Feature Enhancement	N/A	Search / Report	Ability to export text field values with leading zeroes to Excel and for zeroes to be displayed instead of cutting them off	This prevents Excel from removing leading zeros on numeric fields.;
273966	Feature Enhancement	N/A	Search / Report	New option to remember a user's last selection of Quicklist or Detailed report on the Query screen	When a user selects Detailed Report or Quicklist as their output option on the Query screen, the value is remembered and automatically set to its previous value, each time the user goes back to the Query screen;
276562	Feature Enhancement	N/A	Search / Report	Added capability to view fields from an issue with a mouseover event on the View button	This new feature allows the administrator to set up one or more fields that appear in a popup hover tip, when the end user holds their mouse over the View button. On a Quicklist report for example, this can be used to bring up fields such as the Description and the Comments field without drilling down into the report.;
254453	Feature Enhancement	N/A	Sign On	add ability to redirect to a SSO signoff url when users log off ExtraView	There is a new entry in the Configuration.properties file named SSO_SIGNOFF_URL. This must be a valid URL. This URL will replace the current ExtraView top page when any SSO user signs off. This behavior is not enabled on non-SSO systems. If the SSO_SIGNOFF_URL is blank or missing, the standard ExtraView SSO sign off page is shown.;
264853	Feature Enhancement	N/A	User Custom	New user custom exit named ucFilterPopup for pop-up list fields	This new user custom exit is the counter part of ucRenderListValues for list fields.;

Release Notes						
Issue #	Category	Found In Release	Module	Title	Release Note	
273898	Feature Enhancement	N/A	User Custom	Created new UserJavascript exits that are called when the delete button is clicked	Two new user JavaScript functions allow custom handling of the delete button on the edit screens. They are named userJavaScriptDeleteBtn and userJavaScriptDeleteMessage.;	
276452	Feature Enhancement	N/A	User Interface Issues	Add capability to pin ExtraView to Windows 8 desktop	Under Windows 8 and using Internet Explorer 10, you can pin ExtraView as a tile to the start screen.;	
277883	Feature Enhancement	N/A	User Interface Issues	Improve styling of sign on page	The styling of the sign on page has been improved with different fonts and background image;	
248846	Feature Enhancement	N/A	Workspace GUI	Implement the ability to support multiple workspaces that each have a dedicated area / project / role associated with each workspace	Workspaces have been enhanced to make it simpler to support the saving and use of different workspaces which default to different business areas / projects and user roles. Each workspace can be stored and loaded with its own business area / project / user role, along with a set of open panels with various ExtraView functions.;	
251223	Feature Enhancement	N/A	Workspace GUI	Drag-and-drop capability added between panels within workspaces	This provides major new functionality between several report panel types. Single issues or multiple issues may be dragged from one panel, and dropped on another panel. The issues dropped take on the filter values of the panel upon which they are being dropped. For example, if you have one panel a query filter of Priority 2, and another panel where the query filter is Priority 3, and you drag one or more issues from the first panel and drop them on the second panel, the dropped issues will all be updated to have a Priority 3 value. See the documentation for fuller details (http://docs.extraview.com/site/extraview-80/end-user-guide/workspace-interface/drag-and-drop);	

Release Notes					
Issue #	Category	Found In Release	Module	Title	Release Note
252660	Feature Enhancement	N/A	Workspace GUI	Provide a report option that allows a report to be automatically refreshed using the REPORT_REFRESH_SECONDS	Reports opened within panels within the workspace will now be refreshed automatically, using the time set in the behavior setting named REPORT_REFRESH_SECONDS. Note that if you enter Quickedit within a report, the panel will no longer be refreshed.;
265768	Feature Enhancement	N/A	Workspace GUI	In a workspace environment, the timeout should be for the whole workspace, not for an individual add or edit screen	Within the workspace, there will only be a single timeout, as opposed to timeouts appearing in each panel.;
276197	Feature Enhancement	N/A	Workspace GUI	Introduced a new personal workspace option to control the auto-positioning of workspace panels	A new personal option allows the user to choose the behavior when they click on a workspace panel. In both cases, the panel gets focus, but the choice is there to either scroll the workspace so the panel is moved entirely into view or is left in the original position. Users who do a lot of drag-and-drop operations will probably prefer the second option, while those who do not perform a lot of drag-and-drop operations will probably prefer the auto-scrolling option.;
276971	Feature Enhancement	N/A	Workspace GUI	Improvements to navigation bar	To conserve space on the navigation bar within workspaces, the Help and Sign Off buttons have been removed, and the options are now available on the workspace menu;
250208	Feature Enhancement	N/A	XML Import and Export	Enhanced XML Export to better support ExtraView solution preparation	As the user base for ExtraView grows, there is increased demand to be able to export a configuration as a solution which can be imported in a portable manner into different ExtraView installations. This feature exports only the essential information from a site, as a configured solution. Only fields and layouts within the solution are exported, and global information such as behavior settings are not exported.;

Release Notes					
Issue #	Category	Found In Release	Module	Title	Release Note
254739	Product Bug	7.0.4	API & CLI	&disabled_values=Y and &all=Y for the get_valid_meta_data API were not working correctly in conjunction with each other	When trying to get a complete metadata list, you could use the &disabled_values=Y to get those that are disabled. However, if you use the &all=Y, it was a blocking getting the disabled values. You can now use these parameters independent of each other.;
255736	Product Bug	7.0.3	API & CLI	API history command did not return data precisely as expected	The history screen utilized non-zero nanosecond values in the history timestamp, but the internal precision is milliseconds. So the history values were not retrieved when compared with hist_timestamp (requested timestamp <= issue timestamp). Solution was to add a millisecond to the requested timestamp. ;
261090	Product Bug	7.0.9	API & CLI	No error message after an unsuccessful attempt to use API update	This happened when attempting to add new repeating records via the API using the "update" command. If the update was not successful, no error was generated. This has been fixed.;
240243	Product Bug	N/A	Add & Edit	Enforcing allowed value relationships in Quickedit	Previously, if the user utilized Quickedit to update an issue, and only the parent field in an allowed value relationship was placed on the report, when editing the value of the parent field the user was not given the opportunity to select an appropriate and valid child value at the time of the Quickedit. Now, this is enforced via the dependency popup screen, which will present a list of valid child field values to choose from.;
254956	Product Bug	7.0.5	Add & Edit	Image display type UDFs on repeating rows did not allow new images to be added successfully	This bug also affected document display type fields on repeating rows. The problem has been fixed.;

Release Notes						
Issue #	Category	Found In Release	Module	Title		Release Note
258249	Product Bug	7.0.7	Add & Edit	When uploading data into document and image fields, the Description field was required		<p>The specification is now as follows:</p> <p>If PR_ADD_PROBLEM.ATTACH_FILE_DESC is writable, then the description for all upload objects is permitted, but not required on the ADD page.</p> <p>If PR_ADD_PROBLEM.ATTACH_FILE_DESC is neither writable nor readable, then the description for all upload objects is not shown on the ADD page.</p> <p>If PR_RESOLUTION.ATTACH_FILE_DESC is writable, then the description for all upload objects is required on the EDIT page.</p> <p>If PR_RESOLUTION.ATTACH_FILE_DESC is writable, then the description for all upload objects is permitted, but not required on the EDIT page.</p> <p>If PR_RESOLUTION.ATTACH_FILE_DESC is neither writable nor readable, then the description for all upload objects is not shown on the EDIT page.;</p>
260730	Product Bug	7.0.9	Add & Edit	Manage Reports Folders popup dialogue was not resizable		The popup is now resizable.;
261132	Product Bug	7.0.5	Add & Edit	"Waiting for a response from the server" error message observed, due to Ajax refreshes		This was caused by an untrapped JavaScript bug. When the code ran through the routine with the bug, it would wait for a response that never came. This has been fixed.;
261910	Product Bug	7.0.5	Add & Edit	Visible If attribute caused the mouse cursor focus to move to the top of screen		This was caused by a bug within search layouts embedded into an add or an edit screen, whereby a field introduced into a form with a visible if attribute would have the wrong HTML "tabindex" value. This caused the cursor to jump to the beginning of the form. This has been fixed.;

Release Notes					
Issue #	Category	Found In Release	Module	Title	Release Note
262946	Product Bug	7.0.4	Add & Edit	Error "null while processing ID#nnnnn" when editing an issue	This problem was localized to the processing of fields which had a "Display as URL" data dictionary attribute. The problem was intermittent and only affected a small number of users. The problem was fixed.;
263924	Product Bug	7.0.11	Add & Edit	Alignment of Document fields in multiple repeating row layouts of different types	When document fields from multiple repeating row layouts with different layout types are placed horizontally on an embedded layout, they would previously be "mis-aligned", given that ExtraView would place them on successive rows, one for each repeating row. A new layout cell attribute named COLLAPSE REPEATING ROWS will align all the data horizontally from the different repeating rows.;
272520	Product Bug	7.0.13	Add & Edit	Accordion folds were taking up to 3 clicks to open	This only occurred when there were many accordion folds on an add or edit layout, and each of these contained embedded layouts, using Visible If attributes. The handling of these complex configurations has been improved and made more scalable.;
273263	Product Bug	7.0.13	Add & Edit	Invalid dates were sometimes accepted	The rules for handling date input did not correctly interpret a user's locale, which sometimes led dates to be validated incorrectly. This has been fixed.;
278143	Product Bug	7.0.14	Add & Edit	Problem with Chrome 27.0.1453.94 m and list field behavior	This new release of Chrome introduced a bug within list fields, such that when a selection in the list was made, the cursor within the list would jump to the top of the list, and not remain with the selected value being visible. We have worked around the problem in the ExtraView code.;
249471	Product Bug	6.5.1.5	Administration	User was unable to edit title of label fields in the data dictionary	This only affected 3 built-in fields within the data dictionary, with a display type of label. Problem has been fixed.;

Release Notes					
Issue #	Category	Found In Release	Module	Title	Release Note
253384	Product Bug	7.0.2	Administration	Time zone calculation problem when a user's time zone is different from the database time zone	This problem involved a configuration using DAY fields and users who had a Custom Date mask. When the user updated a record that was entered in a different time zone, a day would be added to the result. This has been fixed.;
253435	Product Bug	7.0.4	Administration	Could not use the sign on page 'Change Password' functionality with the Alternate User ID	The change password utility offered from the sign on page only understood the primary User ID, not the Alternate User ID. The utility now supports both.;
257085	Product Bug	7.0.3	Administration	Email address validation when updating a user account	It was found that entering an email address into the user accounts screen, when the address contained a mixture of upper and lower case characters was not allowed. This has been changed so that the check is case-insensitive.;
259691	Product Bug	8.0	Administration	Do not allow administrators to create interest lists in project 0 for areas with data	You can no longer create an interest list within the default project of any area, except the global area. This made no sense to allow as there is never data in the default project.;
259692	Product Bug	8.0	Administration	Do not allow administrators to create escalations in project 0 for areas with data	You can no longer create an escalation rule within the default project of any area, except the global area. This made no sense to allow as there is never data in the default project.;
260198	Product Bug	6.6.1	Administration	Administrative changes to user's profiles occasionally were not saved upon update	This was an obscure bug, caused by users changing their user role, default area or default project during normal operations, and an administrator then changing the user's account information before the user's changes had been saved to the database, and were only cached. There was a small window of time when the administrator could save their information, but it would not "stick" because the user had changed the same information. This has been fixed.;
262281	Product Bug	7.0.10	Administration	Password did not expire correctly	This has been fixed, so that the new password takes effect upon the next sign on after expiry, by the user;

Release Notes						
Issue #	Category	Found In Release	Module	Title		Release Note
262423	Product Bug	7.0.10	Administration	A change to a user's role would occasionally revert to its previous value		This was an obscure problem and happened as a result of an administrator updating an account and during that period, the end user changed his/her role from the prompt on their Home Page. For this problem to emerge, the behavior setting SAVE_ROLE_CHANGES had to be set to NO. The problem has been fixed.;
253796	Product Bug	7.0.4	Allowed Values	Was unable to type or paste list value into RELEASE_FOUND field without generating an error		This was fixed;
255012	Product Bug	7.0.4	Allowed Values	Improved performance of allowed values when LIST display type is used		When allowed values were set between two fields, and both fields were of type POPUP, and there were a very large number of allowed value combinations, performance would degarde. The performance of this configuration has been improved significantly.;
263601	Product Bug	6.5.1.3	Allowed Values	Allowed Value Import failed when there was more than one column in the import file		ExtraView now checks that the import file has the correct number of columns in the import file. An error is generated if there are additional columns in the import file.;
272604	Product Bug	7.0.12	Allowed Values	Allowed Value Exception		When the behavior setting named AV_INTERSECT_WITH_NULL_PARENT was set to a value of YES, a customer reported that there was an exception when they navigated to the Query screen. This is not a common configuration, so only a small number of customers would have seen this bug. The problem has been fixed.;
251669	Product Bug	6.6.3	Attachments	New behavior setting that allows a definable list of file type extensions to be blocked from uploading by end users		A new behavior setting named BLOCK_ATTACHMENT_EXTENSIONS allows a list of file extensions to be set up. End users will not be able to upload files from their local computers if they have extensions that are enumerated in this list.;

Release Notes					
Issue #	Category	Found In Release	Module	Title	Release Note
257182	Product Bug	7.0.5	Attachments	Document migration from database to file system reported a large number of warnings in the log	The log reported a large number of warnings when extracting the document and image fields from a database to the external file system. These warnings have been suppressed as there is no underlying error condition.;
259584	Product Bug	7.0.6	Attachments	doAttachmentMigration.bat file is incorrect and documentation also needs changed	The Windows batch file for the attachment migration utility did not match the documentation. The documentation has been corrected, and the batch file has been modified for clarity.;
246925	Product Bug	6.6.4	BatchMail	BatchMail started but did not process emails	This was a problem at a single customer site. BatchMail has been changed to get a new connection before starting each directory scan, and to close the connection at the end of the scan. Also a SMTP timeout was added to the connection properties so BatchMail does not hang indefinitely if the mail server ignores it.;
251850	Product Bug	6.6.2	BatchMail	BatchMail error processing with invalid email addresses	BatchMail would cease sending email notifications when it could not handle badly formatted email addresses within the issue being processed. This processing has been changed so that the badly formed email addresses are not used, and processing continues.;
259661	Product Bug	8.0	BatchMail	BatchMail task would stop when it lost its connection to the email server	If there was an interruption in the connection to its nominated email server, the Batchmail task could stop and not restart. This behavior has been altered so that Batchmail will now retry the failed connection at periodic intervals to see if it can restore the functionality.;
259885	Product Bug	7.0.9	BatchMail	BatchMail task was stopping unexpectedly	If the mail port specified in the BatchMail task was configured to have a default value, a new check introduced into the code did not handle this properly and would get in an error condition. There was a simple workaround to provide the actual port number in the configuration (usually this has a value of 25), but the problem has been fixed.;

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Issue #	Category	Found In Release	Module	Title	Release Note
272724	Product Bug	7.0.8	BatchMail	BatchMail logs shows repeated attempts every 5 seconds to send an email prefixed with 4 underscores	This error was repeated in the log file, after a genuine failure to send an email. The error should only have been generated once. The problem was fixed.;
274083	Product Bug	7.0.12	BatchMail	BatchMail task would not retry after encountering an error	There is now a new parameter named "check_connect_pause" in the BatchMail task. This is the number of seconds to wait before timing out, waiting for a response from the mail server -- it is only used when the connection has failed and batchmail is trying to restart. This gives the task a better chance of restarting successfully after there was a problem with the mail server or connection to the mail server.;
277722	Product Bug	8.0	BatchMail	Email Templates failing with error - Empty address in string "	This has been fixed.;
250352	Product Bug	6.6.3	Business Rules	When preupdate e-signature rules were used in combination with preupdate email template notifications, the notifications were duplicated	This was fixed so only a single notification is sent to a user, per update of the issue;
254085	Product Bug	7.0.4	Business Rules	Could not populate the Mailing List from Repeating Rows layout field	This had never been implemented in the business rules. It now works correctly, in the same way as do fields on the main layout.;
254191	Product Bug	7.0.4	Business Rules	Rule not implemented: Error observed "Task not a valid title for Project or Area"	This was an obscure problem that resulted from a business area being with the title of "Tasks" and there being a layout type with the name of "TASKS". The rules parser could not distinguish between the two names. The rules parser has been enhanced to overcome this issue;
257206	Product Bug	6.6.5	Business Rules	Business rules triggered even though the field referenced did not change	This happened only when processing issues within an import file. The fields affected were all HTML Area display fields. The file import process was converting x0dx0a to x0a, dropping the carriage return. This was normally okay, but not okay within a quoted string. Now ExtraView recognizes and passes through the x0d as part of the data. ;

Release Notes					
Issue #	Category	Found In Release	Module	Title	Release Note
258106	Product Bug	7.0.6	Business Rules	Business Rule updated all records in a set of repeating rows	This problem was introduced in version 7.0.6. It has been fixed so only the correct repeating row is updated.;
258710	Product Bug	7.0.4	Business Rules	When business rules used the ADD action to add a new issue, two issues were added	In the customer's configuration there was some custom code which, when executed due to a refresh, caused the rules to run. The rules also ran upon the same refresh directive. Logic has been built into the rules to recognize this situation and to only run the rules once.;
258836	Product Bug	6.5.1.5	Business Rules	Changes to Data Dictionary cause Business Rules refresh	<p>After an administrator updated the data dictionary to modify a field, the next user who accessed an add or edit screen would notice a considerable delay. This was due to the Business Rules being marked as stale by the data dictionary operation, and needing to be recompiled. On almost all sites, this delay would not be noticed, but on a handful of sites with very large numbers of Business Rules, the delay would be very noticeable.</p> <p>Now, the data dictionary only marks the Business Rules as stale if it is doing an operation which will certainly lead to complications. ;</p>
260618	Product Bug	7.0.2	Business Rules	Referencing the Business Day Calendar to calculate dates	<p>Prior versions of business rules defaulted to using the 24_BY_7 instead of using the behavior setting DEFAULT_CALENDAR. Now, Extraview uses the behavior setting unless it is specified differently in the rule. If the behavior setting has a null or blank value, the default will be to use the 24_BY_7 calendar.;</p>

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Issue #	Category	Found In Release	Module	Title	Release Note
263017	Product Bug	7.0.2	Business Rules	Business rules change would not update database	This problem occurred on a site where there were more than 2,000 rules within a single business area. The issue was resolved by approximately doubling the amount of rules that could be handled by the client browser code before the same issue would be encountered. There is a hard limit within the browser for this type of operation, but it is not likely that users will encounter this limit.;
263266	Product Bug	7.0.5	Business Rules	Unable to pull currency data across link directive business rule	If you constructed a link directive rule that pulled a currency or decimal display type field value from another issue into a currency field on the current issue, an exception was seen in the application log, and the field was not populated into the current issue. This has been fixed.;
263802	Product Bug	7.0.11	Business Rules	LINK business rule did not work always after upgrade to version 7.0.11	This bug was introduced into 7.0.11 and has been fixed.;
264704	Product Bug	7.0.5	Business Rules	Business rule worked on ADD screen but not EDIT screen	The root cause of this bug was an unusual configuration combining a "visible if" layout cell attribute on an embedded layout where a particular numeric field that was the result of a calculation in business rules resided, but the fields used in the calculation were not embedded in the same layout. This has been fixed.;

Release Notes					
Issue #	Category	Found In Release	Module	Title	Release Note
274197	Product Bug	7.0.11	Business Rules	Making an issue Private was not working on the Add screen after an upgrade	This problem occurred when business rules were used to put an issue into the PRIVATE privacy group, yet the role of the user did not have access to this privacy group. This behavior had been stopped in a previous release (which was correct), but the customer's configuration had relied upon this behavior. For consistency, the rules will enforce the privacy group rules on both the add and the edit screens without exception. A customization was performed for this customer so their site would continue to work the same as it did in the previous release.;
274884	Product Bug	7.0.14	Business Rules	Email templates produced errors in log file when executing from rules	This did not result in any functional error. The log entry has been suppressed so it will not appear in the future.;
274909	Product Bug	7.0.11	Business Rules	Repeating row values were set to null up to the update of the issue	This error is 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.;
274948	Product Bug	7.0.14	Business Rules	Could not use the inbuilt RELEASE layout type in business rules	Repeating row layout types were enhanced to work with new business rules in 7.0.2. However, these new rules would not work with the inbuilt RELEASE layout type. They worked with all user created layout types. This has been fixed.;
275531	Product Bug	7.0.14	Business Rules	Link business rule returned issues which were not part of the specified filter	The link rule was mis-parsed if the issue ID was null. This only happened in rare circumstances. The problem has been fixed.;
276453	Product Bug	7.0.14	Business Rules	Deleting a Repeating Row caused an 'Error 6' message	This was caused by the end user deleting a row during an Add or Edit operation, but preupdate directive rules then assigning values to fields in the deleted rows. This has been fixed.;

Release Notes					
Issue #	Category	Found In Release	Module	Title	Release Note
277569	Product Bug	7.0.14	Business Rules	Some email business rules did not trigger when there was more than one repeating row	This only occurred when the rules acted on the inbuilt RELEASE repeating row. This has been fixed.;
258225	Product Bug	7.0.13	Calendar	Invalid number error when clicking on a URL in a calendar report	<p>This problem occurred on calendar reports which displayed a field with an attribute of "Display as URL" set in the data dictionary, and when the user clicked on the link. The problem has been fixed.</p> <p>All "display as url" links in reports shall now produce the following substitutions:</p> <ol style="list-style-type: none"> 1. \$\$VALUE\$\$ shall generate the raw (internal) value of the containing field. This is unformatted. For list types, the list value is generated. 2. \$\$<ddname>.VALUE\$\$ shall generate the raw (internal) value of the specified field indicated by <ddname>. This is unformatted. For list types, the list value is generated. 3. \$\$<ddname>.TITLE\$\$ shall generate the formatted display value of the specified field indicated by <ddname>. This is formatted as if for a report. <p>Note: these substitutions are incompatible with the values generated by reports in prior versions of ExtraView. This fix brings consistency to the values generated by Add/Edit and reports for display as url links .;</p>
275269	Product Bug	7.0.14	Calendar	Manually entering a 5 digit year in a date field was acceptable	It could be argued that 5-digit dates are legitimate, but for reasons of practicality, dates input into fields are now limited to 4 digits;
254404	Product Bug	7.0.4	Database	Errors seen in log when upgrading a large database	This happened on a large database where MULTI_LOCALE was set to YES. A part of the upgrade script that "cleaned" the multi-locale titles and removed duplicates was not working correctly. This has been fixed.;

Release Notes					
Issue #	Category	Found In Release	Module	Title	Release Note
258461	Product Bug	7.0.4	Database	Timeout when attempting to edit a user defined field of type "custom" in the data dictionary	This happened on a site where there was a very large number of fields and field values. Unnecessary SQL was being executed in the case of custom fields.;
259043	Product Bug	7.0.6	Database	MySQL performance problem sending notifications with many related issues on the output	Email notifications which contained a large number of related issues took a long time to process. This issue has been resolved by speeding up the processing of related issue displays within the MySQL database.;
261582	Product Bug	7.0	Database	Database rows in the image_item_udf_temp table were not cleaned up	This led to a minor performance problem when using IMAGE display type fields. The problem has been resolved.;
263625	Product Bug	7.0.3	Database	Table or view does not exist message displayed with Oracle 11g	<p>Some installations reported seeing a message "ORA-00942: table or view does not exist".</p> <p>This message originates in versions of the Oracle database only and did not appear with other databases used with ExtraView. The underlying cause was a bug within Oracle. Oracle reports that this bug existed within versions 11.2.0.1, 11.1.0.7, 10.2.0.5, and 10.2.0.4 on all platforms.</p> <p>The fix is to upgrade your Oracle database to version 11.2.0.2 or higher, or to apply a patch you obtain direct from Oracle to earlier versions.;</p>
274081	Product Bug	N/A	Database	When Daylight Savings Time began, times were off by one hour on a system where users spanned a number of time zones	This proved to be an Oracle problem, not an ExtraView problem. The combination of the Oracle 11.2.0.3 JDBC driver with the 9.2.0.8 Oracle database exhibited the problem. An older JDBC driver from 11.1.0.7 was put in place and the problem was resolved. Oracle has been informed of the problem.;

Release Notes					
Issue #	Category	Found In Release	Module	Title	Release Note
274117	Product Bug	7.0.12	Database	History showed double entries for some fields after an export and import on a MySQL dataase	The import process had an incorrect trigger, causing some record types to be updated once by the import process and once by ExtraView believing a record was being inserted as a new record. This has been rectified so the trigger is only enabled after all the import is complete.;
251666	Product Bug	7.0.4	EV Mail	ExtraView was unable to parse a particular mail message received with EVMail	The incoming email had an invalid header. ExtraView has been changed to deal with invalid date formats within incoming email headers;
251755	Product Bug	7.0.4	EV Mail	deprecate EVMAIL_DELIM_REGEX parameter	please make some;
253577	Product Bug	7.0.4	EV Mail	Improve handling of email generated by Microsoft Outlook and handled by EVMail	Microsoft Outlook is often configured to use Microsoft Word as its editor. As a consequence, the HTML generated by outgoing emails often contains a huge amount of style information (some would consider this as junk). ExtraView will now be more agressive in cleaning out this information, leading to a better presentation of the mail once it has been imported into ExtraView.;
277087	Product Bug	7.0.14	EV Mail	Attachment was missing in an issue which was created using EVMail	This was caused by badly formed emails, where the content-type and disposition of the attachment were unrecognized. We are now save the part as an attachment rather than discarding it.;
277933	Product Bug	7.0.11	EV Mail	EVMail import of a specific file type looked corrupted	When importing a Microsoft Word document that used the UTF-8 character set. Word inserts a Byte Order Mark (BOM) into the file. A user's Word file wrongly interpreted characters following the BOM as Chinese, and this was then uploaded into ExtraView. We now look for this sequence of characters in the input stream of characters and handle this odd combination.;
253390	Product Bug	7.0.4	File Import (GUI)	Breadcrumb was broken on File Import administration utility	The return button from the mapping screen within the file import utility did not return the user to the correct screen. This has been fixed.;

Release Notes						
Issue #	Category	Found In Release	Module	Title	Release Note	
257840	Product Bug	6.6	File Import (GUI)	Errors observed with file import utility	This was traced to more than one user performing file imports at the same time, and interference between the different imports was occurring due to the sharing of resources on the server. This has been fixed.;	
273217	Product Bug	7.0.12	File Import (GUI)	Customer had errors when performing a User File Import	This was traced to a problem in the length of a field value within the import file. This was fixed.;	
251865	Product Bug	6.6.5	General code issues	User had the ability to change their role by manipulating form parameters	A user with advanced knowledge of how to manipulate form parameters was able to change their role to a role to which they did not have permission. This operation has been stopped and additional checks are made to ensure a user can only adopt a role to which they have permission.;	
251868	Product Bug	6.6.5	General code issues	Session termination improvements for SSO environments	When signing off from Extraview under an SSO environment, ExtraView now destroys all session cookies. However, the user can hit the browser refresh button after signing off, to sign on again. This is the expected behavior under SSO, where the user is not expected to enter their user ID and password information to sign on.;	
265001	Product Bug	6.3	General code issues	Error recovery after background tasks lose the connection to the database	If the connection to the database from the application server is lost for some reason beyond the control of ExtraView, and then re-established, the background tasks now recover gracefully without needing to be restarted.;	
254560	Product Bug	6.6.6	History	Display of the history of document and image fields on repeating rows was not correct	This was only an issue when ABBREVIATED_HISTORY=YES and the permission settings for PR_RESOLUTION.RELEASE was not set to be able to read the field. This has been fixed.;	

Release Notes					
Issue #	Category	Found In Release	Module	Title	Release Note
254879	Product Bug	7.0.4	Jira Integration	Jira integration caused repetition of log area fields while failing to upload file attachments	The LOG_AREA_TEMPLATE behavior setting must be set to the default value of "\$\$LA_DATE\$\$ \$\$LA_USER\$\$" in order for the log area header lines to not be propagated from ExtraView to JIRA records. In addition, Jira has a very low limit on the size of attachments and it does not handle large attachment files gracefully. ExtraView now does extra checking in the integration to overcome this problem in Jira.;
275592	Product Bug	7.0.15	Jira Integration	java.lang.ClassCastException: java.util.HashMap cannot be cast to java.io.File error	This error message was seen in the log file with regular occurrence. It was simply poor logging, as opposed to their being a problem. This was fixed.;
276767	Product Bug	7.0.15	Jira Integration	Temporary attachment files were not deleted	Temporary files used when synchronizing attachments were not deleted after their use. This has been rectified.;
258221	Product Bug	7.0.4	LDAP	LDAP_SYNCHRONIZE_TASK errors in log file	ExtraView was trying to upsert information within its database that was retrieved from the LDAP server. However, the information on the LDAP server was incomplete and ExtraView could not be updated, causing the error in the log. Now, we do not attempt to update ExtraView if information in the LDAP server is missing or inaccurate.;
258495	Product Bug	7.0	LDAP	Initial upsert of user did not work when the user selected on add/edit page	This only happened on the first occasion a user was referenced on the page or within a transaction. This has been fixed.;
259870	Product Bug	N/A	LDAP	LDAP upsert failed when signing on with LOGIN_ID	This was fixed.;
250481	Product Bug	6.6.3	Layout Rendering	Embedded report layout did not display values	When a detailed report layout contained an embedded layout, there were occasions when the field labels would appear on the report, but no values would appear against the labels. This has been fixed.;

Release Notes						
Issue #	Category	Found In Release	Module	Title		Release Note
251824	Product Bug	7.0.4	Layout Rendering	Rendering problem with repeating rows on Detailed Report and Email Layouts		This problem only occurred when there were multiple repeating row layouts embedded within Email and Detailed Report layouts. There would be blank rows in the reports which was purely a visual problem, the data presented was accurate.;
252697	Product Bug	7.0.4	Layout Rendering	Visible if on Radio Button field stopped working after an upgrade from 7.0.3		This proved to be a difficult to reproduce problem that only happened with an unusual configuration, where a user drilled down from an add or edit screen to add a child issue in a different area and project, but where the two layouts shared an embedded layout type. Under this configuration, "visible if" on radio buttons did not work correctly.;
272418	Product Bug	8.0	Layout Rendering	The first entry in a tab field is no longer selected by default		This is a behavior change in tab fields. Another related issue altered the behavior so that default values are no longer applied to fields that are not on the Add screen. As a result, if you want a tab to default to a specific value when you first go to the Add screen, you should make two configuration changes. First, add a global attribute of REMOVE NONE to the tab field. Next, make sure the tab field has a default of the appropriate value.;
277259	Product Bug	7.0.14	Layout Rendering	Textarea fields within email full layouts were not displaying contents of Related Issue fields		This was fixed.;
277311	Product Bug	7.0.4	Layout Rendering	Read Only If layout cell attribute causing unexpected results within Repeating Rows		This was only an issue with DOCUMENT and IMAGE fields. If there was a field of one of these types on a repeating row with a Read Only If layout cell attribute, the user could not delete that row. This has been fixed.;
254866	Product Bug	7.0.4	Notification	Errors in logs generating email notifications		This did not result in any incorrect processing, but the errors in the logs are now handled so they do not appear. There was no functional problem.;

Release Notes					
Issue #	Category	Found In Release	Module	Title	Release Note
259053	Product Bug	8.0	Notification	Attachments did not display in email notifications when an issue was first created	Email notifications did not show an attachment added to an issue when the issue was first created. This has been fixed.;
262089	Product Bug	7.0.5	Notification	Repeating row data was not being displayed in email notifications	This occurred when the repeating layout was embedded within another layout, and that layout was embedded within the email notification layout. The problem has been fixed.;
273149	Product Bug	7.0.11	Notification	When User Id's were in an email address format, the users appeared in the notification section as the User Id, rather than use the defined USERNAME_DISPLAY Format	This was a minor display problem that was fixed.;
277127	Product Bug	7.0.14	Notification	Email notification would no longer work after update from 7.0.5 to 7.0.14	Occasionally, customers reported that notifications stopped working on their installations after an update to 7.0.14. This was traced and resolved. It only affected a handful of customer sites.;
248093	Product Bug	7.0.3	Perforce Integration	HttpOnly flag in cookies did not work with the HttpClient used by integration daemon	This problem affected various integrations such as Perforce and Salesforce. The 3rd party Apache driver has been updated to solve the issue.;
251738	Product Bug	6.6.6	Perforce Integration	Perforce Checkin of comments were not being added to ExtraView log area fields	This problem has been resolved.;
257565	Product Bug	7.0.5	Perforce Integration	Integration errors with Perforce with version 2012.1/490371 (2012/07/02)	This new version of Perforce introduced errors which were not present with the old version. We have worked around the problem and have a patch for the integration.;
260055	Product Bug	7.0.9	Perforce Integration	Error with SEND_EMAIL setting	The value for the SEND_EMAIL setting was case sensitive as opposed to case insensitive. This has been fixed.;
274944	Product Bug	7.0.12	Perforce Integration	ExtraView was updating Perforce when polling condition was not met	When the MI_REGEX and MI_FIELD values did not meet the conditions specified, it was possible for ExtraView to update Perforce. This was a boundary condition that has been fixed.;

Release Notes					
Issue #	Category	Found In Release	Module	Title	Release Note
276893	Product Bug	7.0.15	Performance	Pre-cached layouts did not always cache the expected layouts	This was only noticeable as a small performance dip when a system was first started and the expected layout that was cached upon system startup was not actually in the cache, causing the server to cache the layout at the time the first user loaded the layout. The algorithm that selects the combination of layouts to be cached has been improved.;
263019	Product Bug	6.6.5	Quickedit	QuickEdit triggered refresh business rule on text area field	This problem only occurred with IE8 as the user's browser. The cause was a difference in how IE8 handles CR/LF within text area fields when the field was originally populated from a browser on a different operating system, and how the browser changed the CR/LF combination. We now look for this and compensate, so the field does not appear changed to the business rule processor.;
273125	Product Bug	6.6.3	Relationships	Related Issue Display error in Firefox 19.0	Mozilla introduced a bug into Firefox version 19. This affected related issue displays and searching for users in the user popup dialog. We have introduced a workaround to the problem in version 7.0.14. Patches for other versions can be obtained from ExtraView Support.;
273144	Product Bug	7.0.13	Relationships	"THERE IS AN ERROR" seen within a Related Issue Display	This was observed after a mis-configuration on a site. The error template that should have been displayed to give a neat error message was missing. The template is now in place.;
278395	Product Bug	8.0	Relationships	The incorrect Business Area/Project was used for relationship group sort in embedded popup for ADD screens	This was a minor problem that only manifested itself when clicking on column headers on related issue displays to resort the list. This was fixed.;
250711	Product Bug	7.0.2	Search / Report	Date fields outputted to Excel (Merge with uploaded file) were not formatted as Date fields but rendered with "General Formatting"	This problem was fixed.;

Release Notes					
Issue #	Category	Found In Release	Module	Title	Release Note
250945	Product Bug	7.0.2	Search / Report	Excel reporting with uploaded templates had an issue with "Place Data at Row x Column y" functionality	There were some occasions when the data would not be placed at the coordinates specified in the report editor. This has been fixed.;
251537	Product Bug	7.0	Search / Report	Renaming reports and creating reports in sub-folders	When saving a new report directly into a sub-folder, or when renaming a report in a sub-folder, there were occasions that the new report or name would not appear until the user exited the reports screen and re-entered. This has been fixed.;
253245	Product Bug	7.0.4	Search / Report	Wildcard filter was lost in drilldown from matrix report	This problem occurred on filters on repeating row list fields with a display type of popup. The wildcard would be ignored, returning incorrect results.;
253251	Product Bug	7.0.4	Search / Report	Incorrect display of totals in a report that combined repeating rows and group headers	When repeating row fields were used as group headings on a column report, the same group heading could be repeated more than once, out of sequence. This caused the same record to be repeated on the report. At the same time, the count of records in the group would be incorrect. This has been fixed.;
253514	Product Bug	7.0.4	Search / Report	Saved report filters could be lost within reports using runtime filters, upon an upgrade from versions prior to 7.0	This problem resulted in saved filters being ignored after the upgrade. The problem has been resolved.;
254552	Product Bug	7.0.4	Search / Report	Quickfind task throwing error	This was a bug in the embedded Apache Lucene library. Problem fixed by moving from Lucene 3.4 to Lucene 3.6.;
254769	Product Bug	7.0.4	Search / Report	Data was not displayed for some records when historic data filter queries were applied to report criteria filter	The HIST_RANGE_START and HIST_RANGE_END filters were not operational for these reports. This has been fixed.;
256079	Product Bug	6.6.5	Search / Report	Problem with greater than 1,000 PROJECTS within a single AREA in an installation	This problem was localized and resolved.;
258101	Product Bug	6.6.3	Search / Report	Custom search results were limited to 200 records	This refers to searches being performed from within Add or Edit pages. Now, the limit in place uses the existing behavior setting named LIMIT_QUERY_ROWS.;

Release Notes					
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258653	Product Bug	7.0.4	Search / Report	Field value did not always display on Detailed reports	This was found to happen in rare circumstances when there was an open Add screen pointing to one area / project, but the issue being displayed in the Detailed report was in a different area / project. Now, the Detailed report show its values based on the default area / project, not the area / project of the open Add screen.;
258943	Product Bug	6.5.1.5	Search / Report	Scheduled report - the body of the accompanying email would not display Japanese characters correctly	This was fixed;
259102	Product Bug	7.0.6	Search / Report	Error in running charts with advanced filters as a scheduled report	This was fixed.;
259282	Product Bug	6.5.1.5	Search / Report	Plain Excel file output in a scheduled report did not format correctly with Japanese characters	This was a problem that was fixed;
261129	Product Bug	6.6.3	Search / Report	Planning report did not compute calendar date differences correctly in all cases	This problem only occurred when two dates involved in a calculation were on either side of the transition from daylight savings time to standard time and vice versa. The problem has been fixed.;
261290	Product Bug	7.0.9	Search / Report	Column reports using the Union conjunction did not display repeating record values	This has been fixed. A simple workaround was to construct the query using the OR conjunction to achieve the same result.;
263184	Product Bug	7.0.10	Search / Report	LDAP upsert needed to happen immediately in a specific use case	When the behavior setting LDAP_USER_LOOKUP was set to YES and the behavior setting LDAP_UPSERT was set to YES, the LDAP lookup needed to happen immediately, as opposed to waiting for the task to synchronize data. This ensures that the correct data is available.;
263271	Product Bug	7.0.9	Search / Report	Matrix report failed after upgrading to version 7.0.9	Matrix reports could fail with certain configurations. This only occurred in installations where a user role had read and write access to every PROJECT. This was fixed.;

Release Notes					
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264477	Product Bug	7.0.10	Search / Report	Column Report not displaying field values in some cases	This was a complex and obscure problem. It only involved installations utilizing LDAP servers, and where the user's Alternative User ID was different than their User ID. In this case, the database was incorrectly using the Alternative User ID to record the change as opposed to using the real User ID. This has been fixed, and the update includes a script to search for and correct any data that was incorrect.;
266036	Product Bug	7.0.12	Search / Report	Summary Report exception after upgrading site	This bug only affected a small number of summary reports, where the expanded filters were defined, but only a single filter was selected. This has been fixed.;
272609	Product Bug	7.0.13	Search / Report	Blank HTML Area fields not suppressed on Detailed report	With the behavior setting named REPORT_SUPPRESS_BLANK_LINES being set to YES, when HTML Area fields were placed on a complete row of a detailed report, the row title should have been suppressed when the field value was null. This was not happening. The problem has been fixed.;
272624	Product Bug	7.0.13	Search / Report	Planning Report dependency pop-up window displayed the wrong fields	This was corrected, so the correct fields will now appear within the dependency popup field.;
273467	Product Bug	8.0	Search / Report	The help tip provided on the field lists within reports was truncated unnecessarily	This was only evident on very long field titles, where the title was truncated to 50 characters. The full 100 characters is not available on tooltips.;
274028	Product Bug	7.0.12	Search / Report	Issue with Scheduled Report displaying different results than when the report was sent directly to a browser	This only affected charts which used a subset of the "selected values to chart" field. On occasions, the wrong values were being interpreted by the report scheduler. The problem has been fixed.;

Release Notes						
Issue #	Category	Found In Release	Module	Title		Release Note
274967	Product Bug	7.0.12	Search / Report	Scheduled report error if the report owner who scheduled the report had his permission revoked to schedule a report		This is an unusual circumstance when a report owner has his permission to schedule further reports revoked. Reports this user owned then gave an error when the schedule kicked off the report. This has been fixed, so the report will continue to be generated in these circumstances.;
276263	Product Bug	7.0.4	Search / Report	Alignment Issues with repeating row data being displayed within Container Reports		This issue was seen on the PDF output of a Container report. It required multiple repeating rows to be output to see this, and the data was not presented in an easy to understand format. This has been fixed.;
277227	Product Bug	7.0.10	Search / Report	Excel output of a report renders carriage returns and end of line characters as 
 within textarea fields		This was a recent change which did not take the Excel output into account. This was fixed.;
277294	Product Bug	7.0.4	Search / Report	Memory leak in scheduled reports		Scheduled reports had a memory leak. If the same report was run very frequently without the system having time to recover, the result was a slowdown of response for all users. This has been fixed.;
277596	Product Bug	7.0.15	Search / Report	Keyword search for "non-indexed" words was not working correctly		The correct functionality is that if a keyword search is carried out on a word that contains special characters such as hyphen and underscore, then it will be found using the Quickfind mechanism if the word is embedded in double-quotes. If the word with special characters being searched for is not surrounded by double-quotes, then a slower, non-indexed search is performed.;
277645	Product Bug	7.0.4	Search / Report	Filter values were lost during runtime filter execution with Expanded Query Filters		This was a problem that affected multi-valued list fields only. This has been fixed.;

Release Notes					
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243274	Product Bug	6.6.5	Sign On	Introduce a new method to retrieve the IP address for client users	When the application server resides behind a proxy server or load balancer users were seeing unexpected session expiries. It turned out that proxy servers were not always accurate in reporting the IP address of the client computer, causing the session expiry. There is a new behavior setting named REAL_IP_HEADER which allows the administrator to set an HTTP header to more accurately report the client's real IP address;
253101	Product Bug	7.0.4	User Interface Issues	Incorrect stylesheet entry for report_title in images_light_blue theme was fixed	The stylesheet for the light_blue_theme for the sign on page contained an incorrect entry. This was a cosmetic issue only and has been fixed.;
261133	Product Bug	7.0.5	XML Import and Export	Metadata file import error	This issue was seen on an Oracle database and did not affect other database types. A column name being imported was reported to be invalid. The problem was traced to the import column being in the metadata file in lower case, but Oracle was expecting upper case for the column names. This has been fixed.;
261347	Product Bug	7.0.5	XML Import and Export	Duplication of selected tab layouts after importing metadata	The duplicated layouts could be deleted to correct the problem. However, this has been fixed.;
263139	Product Bug	7.0.5	XML Import and Export	Failure to import scheduled report from an XML migration file	This occurred with a report which used the "Run As Owner" as an option. The problem has been fixed.;

Count: 237 records