

Issue #	Category	Module	Found in Release	Title	Release Note
48233	Feature Enhancement	Add & Edit	5.1	Text fields can automatically expand to display all of the text contained in the field.	A new layout cell attribute named autoSize(field_name) can be added to text area, log area and print text fields. This new attribute automatically extends the height of the field as users enter data into the field.
49220	Feature Enhancement	Add & Edit	5.1	New Stylesheet entry to separate the style of the buttons within layouts from the style of buttons on the menubar	A new style named .layoutButton has been added to the small, medium and large stylesheets for all color sets.
47897	Feature Enhancement	Administration	5.1	Inbuilt fields and UDF fields are now combined into a single tab on the data dictionary display	This improves navigation to any field in the system.
50615	Feature Enhancement	Administration	5.1.1	New post update user custom exit added to security user maintenance.	A new user custom exit with the signature ucUAPostUpdate(Connection conn, SesameSession session, String action, SecurityUser su, SecurityUser oldSu) has been added to facilitate user custom functions after the normal update from the maintenance screen.
50652	Feature Enhancement	Administration	5.1.1	Modified the list of roles displayed in the the Add New Role screen	In order to be able to add a user to a role, the administrator role must also have permission to adopt that role. This aids the set up of a multi-level administrative scheme with sub-administrators who can only see specific roles.
49240	Feature Enhancement	API & CLI	5.1.1	Running a report via the API stopped executing at 25meg of output	After an upgrade to 5.1.1, if a report being executed through the API generated more than 25meg of xml output, it would hang and there was no further response from the task. This issue has been fixed.
29083	Feature Enhancement	API & CLI	4.3.2	The ExtraView CLI now supports and must use Perl 5.8.8	When updating to ExtraView 5.2, the version of Perl used by the CLI must be updated to Perl 5.8.8. This provides several benefits, not least of which is the ability of the CLI to support all international character sets.
48976	Feature Enhancement	API & CLI	5.1	Hierarchical data was not passed through the API to the report output	Previously, hierarchical reporting data was excluded from the API output. The XML generated for the output now includes hierarchical data from all reports.
50837	Feature Enhancement	Attachments	5.1.1	New ability to store file attachments on the filesystem as opposed to storing these in the database	This new option allows the set up of a policy of which file attachments are to be stored in the database and which are to be stored on the filesystem of the server. Choices can be made according to file type, or all can be stored internally, or all can be stored externally.

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48584	Feature Enhancement	Charts	5.1	New chart types - stacked column and area charts	These are two new chart types that complement the existing chart types. Please see the documentation for full details and examples.
43892	Feature Enhancement	Database	5.0.3	New reporting features - Layout Editor and Container Report Editor	These are two new major reporting features. Please see the documentation for full details
47895	Feature Enhancement	Database	5.1	New data dictionary types to support calculated expressions	The data dictionary now contains the ability to create and maintain calculated expressions. These calculated expressions may be placed on column reports and are evaluated at runtime. The expression may be placed in the data dictionary or can be provided at runtime. See the documentation for full details.
50161	Feature Enhancement	Database	5.1.1	New behavior setting NAV_BAR_DRILLDOWN_BOX_STYLE	There is now more control for positioning the elements on the navigation bar, especially for the design of a horizontal navigation bar
44954	Feature Enhancement	Database	5.0.2.5	Upgrade script now works with encrypted configuration parameters	This enhancement allows customers upgrading to use encrypted values in their Configuration.properties file when performing upgrades to ExtraView. ***it's more complicated than that and any use of encrypted values in the config file requires custom code and it's up to the customer to provide the encryption/decryption mechanism and tools.***
49154	Feature Enhancement	Database	5.0.2.2	The timing of the acquisition and the release of concurrent licenses has been altered	Previously, concurrent licenses would not expire between the periods defined by SESSION_EXPIRE_TIME_HOURS and USER_EXPIRE_TIME_HOURS. This has been relaxed, in the sense that if the user session on the server does not need to maintain session information, then the user session is allowed to expire, thereby freeing up the license for a different user. The typical circumstances when the user session is held open is when the user is in the middle of an add issue or update issue operation. The typical circumstance when the user session is released is when the user is performing a query or setting on the Home Page. The net effect is that idle user sessions can be released somewhat quicker, and the installation requires fewer concurrent licenses for the same usage.
48386	Feature Enhancement	Escalation	5.1	The notification escalation process now supports fields on repeating rows within layouts	This new feature extends the capability of escalation to embrace repeating rows.

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50355	Feature Enhancement	Import and Export	5.1	XML export and user data option	There is a new option when exporting XML metadata, to omit all the user data, except that which is essential for the export to succeed. This aids in migrating data from a development server to a production server, and where the user data on the production may have altered for valid reasons (e.g. end users may have altered their passwords).
49282	Feature Enhancement	Perforce Integration	5.1.1	Now execute Perforce integration daemon as a service in Windows operating systems	The EVP4D program can now be configured as a service within any Microsoft Windows operating system
49304	Feature Enhancement	Perforce Integration	5.0.2.2	Request for improving the error message of P4 integration	We now check to ensure that the ev fields specified in the configuration file are all contained in the detailed report layout that is used for the history api function. If a field is not in the layout, it causes a warning to be issued to the error log: " EVI: referenced field is not in ExtraView detailed report:'<field name>'"
45516	Feature Enhancement	Perforce Integration	N/A	Email notification can now be triggered by updates to ExtraView issue from the EVP4 daemon	Each job can specify whether or not to send email notification when the extraview issue is updated by the daemon. The way to do this is through the ExtraView pseudo-field called SEND_MAIL. SEND_MAIL can take on either of two values: YES or NO. When the value is YES, notification is sent, when it is not YES (null or NO), no notifications will be sent. By default, the value is always null unless specified by the perforce interface mapping, so no notifications will be sent. To send emails optionally based on values in the job fields, define a job field in the job specification to map to the SEND_MAIL field in the ExtraView issue. This could be done as in the example p4.properties snippet as follows: p4fn.GenerateEmail=evfn.SEND_EMAIL p4v.GenerateEmail.Y=evv.SEND_EMAIL.YES p4v.GenerateEmail.N=evv.SEND_EMAIL.NO What this says is that the p4 job field "GenerateEmail" will map to the ExtraView item pseudo-field called SEND_EMAIL. For a value of "Y" in the GenerateEmail field in the p4 job, notification of email updates will occur, because this maps to the value of YES for the pseudo-field SEND_EM/

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48501	Feature Enhancement	Relationships	5.1	Simplify the removal of issues from relationship groups	When you have a related item field in an add or edit screen, and you blank it out, the associated relationship is removed from the specified relationship group. Thus, for example, if you have layout element attributes on a field: RG_NAME = BEST_DATA_RG RG_TYPE = CHILDREN Then the child value is shown in the field when the item is edited. If you then clear this field out, then ALL children of the current issue in that rg will be removed. This similarly holds for PARENTS, MEMBERS, and RELATED types. Note that if there is more than one field with the same relationship associated with it in the form, then the insertions of relationships take priority over the removals. Thus, if there are two fields with the same attributes as given above, then BOTH must be cleared to remove the relationship; clearing only one will keep the relationship established.
48977	Feature Enhancement	Relationships	5.1	Related issues rendering on add and edit layouts improved	The internal calculation for estimating the height of the embedded related issue display has been altered to provide a better default display.
49370	Feature Enhancement	Search / Report	N/A	Provide ID fields with drill down links on reports	This new feature allows the setting of a new attribute on fields on reports that contain issue ID's. Now, you can set an attribute to either View or Edit the issue by clicking on the field in the rendered report.
49563	Feature Enhancement	Search / Report	5.1.1	Extended ranges for columns and interval counts when creating Aging reports	Users can now select up to 31 days and up to 100 columns when preparing an aging report
50213	Feature Enhancement	Search / Report	5.1.1	Preserve formatting when outputting to Excel	A new output option for reports is now available, so that reports can be output to Excel in either a plain or a formatted form. In plain form, only the data is output, one field per column on the spreadsheet. In formatted form, as much of the original format that is output to a browser as can be output to a spreadsheet is sent, resulting in a formatted report in Excel.

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50868	Feature Enhancement	User Custom	5.1	Add a call to a User_javascript function on submit of Add or Edit.	There are two new user defined JavaScript functions, userJavaScriptAddBtn and userJavaScriptEditBtn. When these are provided, the user can insert code specific to their installation that gives additional control of how ExtraView responds when the user hits the Submit or Update. These functions may also return "true" or "false" to allow control over whether to proceed with the submission, or to abort.
48613	Product Bug	Add & Edit	5.0.2	REPORT_WITH_FIXED_WIDTH_FONT issues with return characters fixed.	This issue only affected the report output when using REPORT_WITH_FIXED_WIDTH_FONT = YES. Returns were not being converted correctly and the resultant output was not correct. This has been repaired
48775	Product Bug	Add & Edit	5.0.2.5	Number-type field values rendered with comma, e.g., "2,006.1" instead of "2006.1"	This issue resulted in a redesign of how number fields are defined in the data dictionary. Now you are able to define the format of a number or decimal field in the data dictionary, and this format is carried through to all uses of the field
50245	Product Bug	Add & Edit	5.1.1	After a metadata import, some layouts may not render	This was caused by the import data containing references to non-existent users in the target database. This is not normally the configuration ever found on a target site, but the Allowed Values that have an invalid current value in a parent or child will cause an xml import error and will not be imported. This may result in incomplete allowed value lists in the target database.
50752	Product Bug	Add & Edit	5.1	Custom code (frSelectList) was not being called for tabbed fields.	This was fixed
50107	Product Bug	Administration	5.1.1	The product release NAME column did not have a consistent width in its usage	The column width is now consistently 50 characters across the entire application
49035	Product Bug	Administration	5.0.2.2	User accounts could be deactivated, even though the user entered the correct sign on details	This was an obscure problem that could occur when ExtraView failed to sign on a user because of valid license restrictions. The individual user account that exceeded the license count was being deactivated, even though the combination of user ID and password were correct. Now the behavior is that the user still cannot sign on, but their account is not deactivated. The failure is logged so the administrator can determine the cause of the problem.
48843	Product Bug	API & CLI	5.0.2.7	The API command set_area_project did not reliably set the new values	This problem was fixed so that the command should execute faithfully 100% of the time.

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50357	Product Bug	API & CLI	5.2	Rules with AREA conditions do not work when submitting an issue through the API	This was a boundary condition that has been fixed.
50359	Product Bug	API & CLI	5.2	Rules using SCREEN_NAME did not work when submitting through the API	The rules execution has been altered to introduce the correct information as to whether an issue submitted via the API is an Add or Edit operation.
45254	Product Bug	Database	5.0.3	ExtraView did not capture the ID of the user that deleted a record into the item_hist table.	This has been corrected.
49387	Product Bug	General code issues	5.1	The value of the ASSIGNED_TO field was cleared when business area was switched	The code was trying to set the value of the assigned_to field based on the parent value of the module_id field. However, it should not do this if a value was already set in the field. Repaired.
50646	Product Bug	General code issues	5.1	Java exception occurred viewing attachment metadata on MS SQL Server database	This was due to the wrong setting of the data type in the database. Fixed.
34637	Product Bug	Home Page	4.3.2	CompanyLogo image did not render from the expected file system location when running in a WAR file deployed application	The root cause of this problem is in BEA WebLogic which returns the incorrect path to ExtraView. However we fixed the behavior by correcting the path in ExtraView if it resides in a WebLogic server and we detect the wrong path is returned.
50699	Product Bug	Interest Lists	5.1.1	Project field on Interest list criteria caused java.lang.reflect.InvocationTargetException	It was not possible to use the PROJECT field on an interest list as part of the selection criteria. This has been fixed.
45581	Product Bug	Layout Rendering	5.0.2.5	The colspan with hidden fields on layouts was not being set properly	Hidden or invisible fields on layouts, when affected by a colspan element often resulted in a misplaced field on the rendered layout. This has been fixed.
48500	Product Bug	Layout Rendering	5.1	The wrong layout was sometimes selected when REPORT_DTL_ITEM_DATA_LAYOUT = YES	This has been fixed and the correct layout should be selected in all circumstances
50059	Product Bug	LDAP	5.1	Could not search by User Id when using LDAP lookup	This was a bug inadvertently introduced during the last update. It has been fixed.
49410	Product Bug	Mass Update	5.1	Could not update repeating row fields via mass update	This problem only affected the mass update of some repeating row fields. This has now been fixed.
49389	Product Bug	Rules Engine	5.0.2.7	Business Rules text operators and repeating rows	This operation was not previously supported, but the base application has been enhanced to allow text operators to work with repeating row data
42084	Product Bug	Search / Report	4.3.6.2	Display as URL referencing the value of a second field, did not work for Detailed Report	The .TITLE extension is now supported for display_as_url for reports. Also, the .NAME and .VALUE extensions have been implemented.
45630	Product Bug	Search / Report	5.0.2.5	If DISALLOW_PROJECT_0_DATA is set to YES, project 0's no longer show up in filter criteria on Search layouts	This avoids the user seeing the zero Area and the zero Project being displayed within the select lists for the fields on the Query filter screens.

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46457	Product Bug	Search / Report	5.0.2.5	Default projects were showing in filters on Query screen	When DISALLOW_PROJECT_0_DATA is set to YES, then it did not make sense to display the title to the master project within an area as a potential filter for results. The value is removed from the list in these circumstances.
48435	Product Bug	Search / Report	5.1	Aging reports could sometimes show null in the Assigned To column	This was observed on a customer site when historic data was imported. It was not observed on any site where records were inserted and updated through the GUI. The root cause proved to be the use of a timestamp in matching the historic record and the timestamp in the main table. When inserting records rapidly as happens with a data import, the load on the server often caused the two timestamps to differ by more than a second, resulting in no match on the records. Solution was to use the correct timestamp in the query.
48607	Product Bug	Search / Report	5.0.2.4	Unlimited rows per page option in reports failed to return all records; although a setting of 500 rows per page dis return all records	This was a marginal case, where the necessity to understand the difference between counting the number of rows returned on a report, against understanding the number of records returned. When there are one-to-many relationships in the data being returned, the question is always whether you return the count of actual issues, or the actual number of rows from the related records. ExtraView was altered so that in the case of returning an unlimited number of records, it did not do the count of issues and then return that number of rows on the report. For unlimited it does not stop until all the rows are exhausted.
48762	Product Bug	Search / Report	5.0.2.1	Saved reports did not display wildcard or multiple value filter criteria for popup type fields	This has been fixed.
49377	Product Bug	Search / Report	5.1	Hierarchy reports did not provide the expected results when using an expanded query with a "not in" or "not equal" operator.	This was fixed
50609	Product Bug	Search / Report	5.1.1	There was a 50 character limit for popup User fields on Expanded Query Filters, in Firefox only	This has been extended in all browsers to 2,000 characters.
50871	Product Bug	Search / Report	5.0.2.4	InvocationTargetException trying to sort by RELEASE_OWNER	This was a data dictionary entry error. A script has been applied to all upgrades to this version, in case this problem existed in any other customer database

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50544	Product Bug	Sign On	5.0.2.2	AUTO_SIGNOFF_ON_USER_EXIT did not work when the ExtraView site used the HTTPS protocol	This has been fixed
46268	Product Bug	State Change Rules	5.0.2.4	Administrator needed to update the workflow twice for it to stick if they changed the User Role	This was a minor issue that was repaired