

Product Area	Feature
<i>User Interface</i>	<ul style="list-style-type: none"> ● A new pulldown menu system is used throughout the product acting as a main menu bar from which the user can access their personal options, alter their current role and select their default business area and project. This provides for much easier navigation through the the most commonly accessed screens. ● All buttons on all screens are now placed in a consistent location, at the top and bottom of the screen whenever applicable
<i>Adding & Editing Issues</i>	<ul style="list-style-type: none"> ● Idle users are now warned when their session is about to expire. An alert is sent to a user who is approaching the time out limit of their session. The user needs to take some action to refresh their screen or another similar act to keep their session alive. If their session expires, they need to sign in again, but ExtraView will attempt to restore the user to their place in the add or edit session. ● To provide finer control over session expiry there are now two timeout periods. After the first expiry period is reached and before the second timeout expiry, the data they have entered into an add or edit screen is not lost. After the second timeout is reached and the session expires, this data is no longer recoverable. This provides a good balance between convenience to the user and conserving memory on the server. ● Any image file uploaded as a file attachment to the ExtraView database will have a thumbnail image generated. This thumbnail can be viewed on any edit screen or any report. The size of the thumbnails generated is controlled by a behavior setting. A security permission key controls visibility of the thumbnail. ● There is now a complete history on attachments, in order that a user with permission may see the entire process behind attachments on an issue. This includes a view of who downloaded each attachment, and when the action was performed. ● Hyperlink help for labels on the add and edit screens may now be turned off with a new behavior setting named ALLOW_HELP.
<i>Search / Report</i>	<ul style="list-style-type: none"> ● All reports have a new "look and feel", offering a clearer view of the detail in the report, and easier drilldown.

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	<ul style="list-style-type: none">● Report dashboards may now be configured by user role, and displayed on each user's Home Page as permitted. At this time, these reports require configuration within user custom code, but the plan is to allow these to be defined like any other report. Both summary reports and charts can be placed on the dashboards.● A new mechanism for storing reports has been implemented that allows the use of folders. Thus reports may now be stored in logical groups, based upon their usage. This greatly enhances the ability to store hundreds of reports and find the one you need quickly. Report folders may be personal or public.● A knowledge base search facility is available from the home page to search published issues in the business area named Knowledge Base. This is configurable by user role. If you would like to alter the configuration of this search, it is easily accomplished within user custom code.● When performing a detailed report or Quicklist report from the Query screen, ExtraView will select the layout for the report based upon a filter provided for the AREA field. This will override the current business area layout.● Chart image quality has been improved dramatically. Charting now supports the advanced query mode. Previously it could only use the standard reporting mode.● Thumbnail images for attachments may appear on any report that contains attachments● Any report that is prepared using fields with a numeric display type (NUMBER, DECIMAL, CURRENCY) will be totalled at the bottom of any Quicklist or Column report that uses the field, if the setting for the field in the data dictionary has opted to total the field on reports.● A new option within charting allows the addition of a total line or bar. This line or bar value is computed as the total of the remaining visible points on the chart.● Summary reports have a new option to add the minimum, maximum, and mean of each section of the report. In addition, there is a percentage shown against each row, computed against the total.

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<i>Mass Update</i>	<ul style="list-style-type: none"> ● Within the mass update function, a new option allows all the selected issues to be cloned into a new business area and project. For example a set of issues that is used as a master list can be cloned into a new project when required When using the mass update facility, a single click in a checkbox allows the user to select or deselect all the issues on the list
<i>Notification</i>	<ul style="list-style-type: none"> ● Interest list management has been completely redesigned. First, the administrator can create interest lists that utilize multiple criteria, such as "Priority = P 1 and Product = MyProduct". Secondly, interest list items may be disabled, without deleting them. Thirdly there is a complete new user interface for both administrators and users, making access and management of the lists simpler and more scalable for installations with large numbers of interest lists. Fourthly, the interest lists support the operations of "equals", "changed to" and "changed from" as operators between fields and values. Lastly, there is a new option so that users may opt-out and opt-in of specific interest lists. ● When email notification is generated for any issue, email may be suppressed to any individual user, if no fields that are visible to the user on their selected mail layout have changed. This prevents the user from seeing a notification update with no changes, even if the issue was updated. A behavior setting controls this feature.

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<i>Relationship Groups</i>	<ul style="list-style-type: none"> ● There is a new, significantly enhanced feature for the creation and management of related issues. Two new related issue types have been created, for one-to-many and many-to-many relationship groups. Relationships between issues can be created in a variety of new ways, and their display in editing and reporting has been significantly enhanced. ● Related issue reports may now be embedded on add and edit scree, on detailed reports and Quicklist reports. This allows you to generate reports with direct links to related issues. ● Related issues may be updated when any issue is edited. The allowable operations include insertion of a new comment, propagation of field values from the edited issue to the related issues, and notification suppression.
<i>Administration</i>	<ul style="list-style-type: none"> ● The header for comment fields can be tailored for installations, to go beyond the user's name and the timestamp. For example, the user's company name can now be included in the comment field headers. ● There are several new display types for fields that are created: <ul style="list-style-type: none"> DECIMAL fields. These fields extend the NUMBER type. CURRENCY fields. These are a formatted number, where the administrator can choose the formatting, and the currency symbol to be used. DAY display type. This complements the DATE field display type. The difference is that there is no time component to the DAY field type, and it remains at a constant value across time zones. ALIAS type fields. These allow you to set up a copy of a list field that can be used on a form such that the original field and the alias will share their values, but allow the user to independently select values for each field. ● There is a new behavior setting to control the initial screen height of HTML_AREA fields ● There is a new behavior setting that provides a choice on whether to clone the attachments to an issue when an issue is cloned.

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	<ul style="list-style-type: none">● There is a new option, implemented as a layout cell attribute, that allows the administrator to place a * New * entry into a list on an add or edit screen. When this is selected, the user may create a new value for the field. Previously only administrators could create new values for fields. This allows users, on a role-by-role basis, to add new entries to individual list fields.● Company name security has been enhanced. A new behavior setting allows the user's whose company name is the same as the system-wide COMPANY_NAME setting to see all issues, regardless of their privacy group. Visibility of issues can be controlled by fields other than ORIGINATOR.● The user may select the character set of the file being uploaded for the file import function. This is particularly useful for Asian users who may have prepared the import file in a non-standard character set● Escalation rules for issues can now be defined within the administration interface. These rules can apply multiple conditions to the creation of a rule, and each rule can be triggered with a specific period. Both global rules and rules that only apply to an individual business area or project can be created. There is also a mechanism to enable and disable the individual rules● There is a new option on all administration lists to allow the export of the list contents to a CSV file, or directly into Microsoft Excel. For the option to appear, the number of entries in the list must be greater than the value set in the behavior setting named ADMIN LIST SIZE● A new facility to import users from a prepared CSV or tab-delimited file has been created. Much like the file import utility for issue data, this allows users to be created from an external file

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- User administration has been revised extensively, with the dual purpose of making it more scalable for larger installations, and making it simpler to use. Many of the fields, such as Company name and user names are searchable, and when you add or update users, there is a new user interface that provides simpler access to all the functions. In addition there are new optional checks for duplicate email addresses and user names.

Password expiry rules have been enhanced and there is now a specific security permission key for the enabling and disabling of user accounts.

There are now security permission keys on the following fields within user administration; last_name, first_name, security_password, job_title, company_name, named_user.

- Maintaining default values in the data dictionary has been simplified and made more intuitive
- The title as well as the name of any field can now be seen together within a field
- A link can be placed on the sign on screen with the title "Forget password?". When this is selected, the administrator is notified by email. Custom code procedures can also be used to automatically reset passwords.
- A user's expiry interval may be set to enforce a one-time password; this allows only one sign-on before a new password is requested.
- The company logo displayed in the navigation bar can now be uploaded via an administration utility, without the need to have access to the server file system
- Each business area is now protected with an independent security permission key. This is a powerful feature that allows the administrator to select which roles have access to which business areas. If a user in a specific role does not have access to a business area, all screen forms and all issue data within the business area is invisible to them
- When an administrator changes the security permissions for any object, the change will take place immediately for that user, as opposed to waiting through the remainder of the time period until the cache is automatically updated. This speeds the design process, as the results of a change can be viewed immediately.

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<i>API & CLI</i>	<ul style="list-style-type: none"> ● When updating issues through the API, repeating rows can be used ● Repeating rows are now output through the API for all functions that produce XML output ● The User ID format returned through ExtraView API can now be altered for individual API calls
<i>System Configuration</i>	<ul style="list-style-type: none"> ● The management of stylesheets has been improved to keep the stylesheets for any image set together with the stylesheets. This allows easier alteration of the stylesheets

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	<ul style="list-style-type: none">● There is a new option to store attachments outside the database, on the file system of a server. Please note that if this is configured, then these attachments are not searchable, and no thumbnail images are available to view. This requires customization for each installation.
