

Release note for PSNext 3.0

02/15/09 – Revision 1.0

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Welcome to PSNext 3.0

This document describes new features and enhancements that have been implemented in PSNext 3.0, as well as issues that have been corrected.

PSNext 3.0 is a major feature release of PSNext. More than 60 new features and enhancements have been developed. 140 issues have been corrected.

Many new documents (white papers) have been written and are now available to help you discover the new power of PSNext 3.0.

We recommend that you start discovering PSNext 3.0 by reading this document, which refers to all other documents written by our software team.

We sincerely hope that you will appreciate the new Portfolio component, the totally redesigned Collaboration component, the new Resource Allocation concept, but also all large and small enhancements including our new look and feel, the dockable windows, the incredible power of User defined categories, etc.

Enjoy !

Sciforma Team

1 - Upgrade and Maintenance policy

PSNext 3.0 will be maintained until one year after the next release will be available. During this phase, maintenance releases will be provided as required to fix significant issues.

- No new features will be implemented in maintenance releases.
- Maintenance releases will be numbered PSNext 3.0a, PSNext 3.0b, etc. The build number convention will not be public anymore in order to simplify the numbering conventions.

Versions prior to PSNext 2.5 are not maintained anymore.

Following our maintenance policy, PSNext 2.5 will be maintained until February, 28th, 2010.

2 - Download PSNext 3.0

To download this new release, you need to have signed a maintenance contract. If you are qualified, you should have received an email with the download URL and your individual access key.

3 - Preliminary important information

Before any installation, we strongly recommend that you backup your database.

We do not give any warranty concerning backward compatibility between PSNext releases. Therefore, if, for any reason, you decide to come back to an older version after having installed a new one, a database backup will be necessary.

We recommend that you never go on production before having installed the newest release and qualified it on a test server. As a reminder, your maintenance contract includes the delivery of free tokens to be installed on a test environment.

4 - Available documents

PSNext 3.0 is provided with a large number of documents (white papers), detailing new features and enhancements available with the software.

When necessary, this release note indicates in which white paper you should find more detailed information. All these documents are available for download with your individual access key.

Documents provided are listed below:

- Installation, Config Utility and API,
- Portfolio Management,
- Collaboration,
- Resource Allocation Management,
- Emails,
- Fields,
- User Interface,

- User Defined Categories,
- Pooled Risk Management,
- Resources Log,
- UI commands,

5 - New features


#20665 - When a new user logs in for the very first time, the views and preferences that they are presented with for any given component are now based upon the last applied corporate layout for that component.

#20381 - In previous versions of PSNext, if a user tried to modify a corporate preference by dragging the mouse to change a spreadsheet's column width or by dragging the mouse to change the splitter bar location, PSNext would automatically create a copy of the corporate preference and the modification would be applied to the new (non-corporate) preference. Now, by using a new option (accessible in the Global section of the Options dialog) the user can control whether these "minor" modifications cause a new preference to be created.

#20354 - PSNext now supports Corporate Preference Sets where a set can be associated with an organization, so when a user logs in, they only get the corporate preferences associated with their organization.

#20353 - PSNext now support the ability to have the Gantt Time Axis labeled with the number of periods (day, weeks, month) from a reference date. The reference date can be specified as a formula.


#20352 - PSNext now supports the ability to drag a project Gantt bar in order to change its Start Constraint.


#20345 - Project based custom batch email are now implemented. [ Emails white paper]

#20343 - The Project Control component now has a Reopen option in the File menu. Previously, this type of option was only available in the Project Planner component.


#20340 - The Gantt chart now has an option of displaying an "Offset progress indicator". The "offset progress indicator" is a jagged line which tracks to the left and right of the date line and connects to each task's completion date.


#20333 - A new project field called "Default Distribution Type" allows the user to control the initial value of the Distribution Type field of a newly created assignment.

#20209 - Three components (Project Planner, Resources, and Portfolio Control) now support flexible placement and organization of views. Views can be "tabbed" or "split" in a variety of ways simply by dragging and dropping a view to the desired location. [ User Interface white paper]

#20208 - PSNext now supports the ability to display a complex graph in a spreadsheet row. This is available in many of the time distributed views: Resource Utilization, Cost Item Utilization, and Task Utilization. It is also available in the Assignment tab of the task form. [ User Interface white paper]

#20201 – Files can now be attached to emails. [ Email white paper]

#20181 – Resource and Organization log has been implemented to store their history and avoid administrators to create new resources every time a resource is moved to a another organisation. [ Resource log white paper]

#20155 – It is now possible to launch PSNext based on URL parameters, including the component and the data object to be open. This feature is particularly useful when sending emails. [ Email white paper]


#20147 - A user can now type a formula directly into a cell. The formula is evaluated at the time that it is entered and the result of the formula is the actual data that is effectively entered into the cell. To enter this sort of direct formula the user must prefix the formula with an equal (=) sign. For instance, a user could enter the following formula in the task Name field: ="Task " + #. For a task whose number is 63 the task name would be set to "Task 63".


#20050 – Additional filters, sorting and input forms have been added to the Resource component. For Forms, please see EV 19976. For Filters, please see EV 17054


#20013 - PSNext now provides the ability to sort the Publish History on any of the displayed columns.


#20003 - PSNext now allows the user to display a totals row for parent tasks in the Task Utilization and Resource Utilization views.


#19985 - When viewing pop-up calendars in My Work, the user's calendar is used to color working and non-working days. Previously the system calendar was used.


#19976 – Definition of named forms in the System component has been enhanced. [ Collaboration and Portfolio white paper]

#19972 – Flowchart workflows have been implemented to define Collaboration workflows. [ Collaboration white paper]

#19971 – Resource Allocation Management is now implemented. [ Resource Allocation Management white paper]


#19970 – New Portfolio management component. [ Portfolio white paper]

#19968 – Name field sets are now available in the System component. [ Field enhancements white paper]


#19945 - PSNext now features a Monte Carlo simulation tool that is designed to determine the duration of buffer tasks within the project. These buffer tasks are designed to pad the schedule to increase the likelihood that the schedule will finish on time. [ Pooled risk white paper]


#19925 - The "Delete assignments with actuals or baseline" right has now been split into two separate rights: "Delete assignments with actuals" and "Delete assignments with baseline". This provides the customer with much more control.

#19909 - Tasks in Timesheets can now be "pinned" to the Timesheet, allowing them to be automatically shown in other weeks without requiring the user to manually re-add them.


#19038 – PSNext provides now the ability to add customized tables as User Defined Categories. [ User Defined Categories white paper]

#18122 – PSNext now supports Java's Pack-200 compression format for faster download of PSNext client files.

#17876 - The Gantt view now supports "data banding". This allows users to group and summarize tasks based upon data values. Previously, tasks were always grouped and summarized base upon the outline definition. [ User Interface white paper]

#17698 – It is now possible to launch external programs from PSNext. These programs can be developed using PSNext API and directly interact with PSNext data. [ UI commands white paper]

#17235 - PSNext now stores multiple user-defined filters, so users can easily switch between any number of previously defined filters. Previously, PSNext would only store a single filter at a time, thus forcing users to create a new filter each time they wanted to change the filter criteria.

#17155 – Administrators can now create unlimited user defined triggers to send emails. [ Email white paper]

#17054 - Add ad hoc filters to the Resources view. In PSNext 3.0, the Resource Definition view, Resource Utilization view, and Resource Contract view can all be filtered with system-level filters (defined in System, Fields), or with user-defined filters defined in the filter controls in Resources. Filter controls can be added to the toolbars in Resources. In addition, a set of filters can be associated with a Resource view preference by using the Filters and Sorting tab of the Resource view preference in the Options dialog.


#16947 – In Emails, and Header and Footer design list box is now available to list and insert all possible variables. [ Email white paper]

#16860 - A user can now specify which field is to be represented by the "completed region" portion of a Gantt bar. Previously, there was no option and the completed region always represented the % Complete of the task.

6 - Enhancements


#20696 - Fiscal Periods are now available when specifying the interval parameter for a view in Data View generation.

#20577 - Multi-language support added to the installer. Client available languages are now controlled by the Configuration Utility.

#20571 – When migrating to PSNext 3.0, all resource and organization logs are set to “zero-dates”. [ Resources log white paper]

#20566 - The Over allocation search function has been enhanced because with the advent of resource requests and commitments there are multiple types of "over allocations" that a user may want to search for. The user can now specify multiple formulas in the dialog and during the search these formulas are evaluated on a time-period-by-time-period basis and if the formula evaluates to a "yes" the search function will stop and scroll to that time period (and perhaps to a new row) to display the "over allocation".

#20454 - In System, only show the Reorganize and Initialize Reorganization menu items when the Organizations view is active.

#20414 - Allow specific Batch Email jobs to be scheduled. [ Email white paper]

#20355 - In the Assign dialog box, there is now an Organization spreadsheet (to go along with Job Classification and Skills spreadsheets that have always been there). This allows the user specify an Organization when creating a new soft assignment.

#20351 - The "Expected Totals" row of the Timesheet shows one or more numbers in red, even though the totals for the day appear to fall within the expected range. [PSNext now accounts for floating point imprecision automatically when rendering Expected Totals colors, matching the existing behavior of the Time Entry Rule feature.]

#20346 – PSNext now avoid automatic authentication retries. [Early versions of the Tomcat application server would sometimes erroneously return a failure status in response to a valid initial authentication request from PSNext, so PSNext would automatically retry the request when it received a failure response. When customer authentication systems were configured to limit users to a fixed number of failed authentication requests, this PSNext behavior would use up the allowed number of user mistakes twice as quickly as it should have been used up. Since recent versions of Tomcat (5.5 and 6) do not require these authentication retries, this behavior has been removed from PSNext.]

#20318 - Non-vendor-native JDBC drivers are no longer officially supported beginning with PSNext 3.0

#20297 - Built-in User Roles have been updated to reflect new features in PSNext. [Note: this change will only be seen in instances of PSNext where the User Roles have never been modified and saved.]

#20249 - Pooled Risk functionality have been added to the API.

#20217 - The filter drop down list in the Project Open dialog now supports up to ten user defined filters. Previously, the limit was five.

#20204 - If a Configuration Utility Backup file is unzipped and then zipped back up again with something like WinZip, the Configuration Utility should still be able to successfully restore using the zipped file.

#20193 - Previously, doing a "run immediately" would change the start time of a job to "now", thus losing the "normal" time that a job would execute. With this change, the run time is changed by subtracting the scheduled job's defined reschedule intervals such that after the job completes, the start time will be restored to a time which agrees with the previous schedule.

#20190 - If you create a new assignment on a task that already has some assignments and is partially complete, the new assignment cannot be deleted by user who doesn't have the "Delete assignments with actuals or baseline" right.

#20170 - When a spreadsheet cell is read-only and would normally display data in a pop-up dialog, make it possible to view the data. PSNext now allows such data to be viewed, and controls in the pop-up dialog that would allow modification of data are disabled.

#20160 - User initiated alert messages do not allow for email. This includes the System alert for all logged in users, form the User component, and the planner alert requesting users to unlock work packages.


#20079 - Oracle 8 is no longer supported as a choice in the Configuration Utility.

#20016 - The error message that is displayed when a project is published and a task doesn't meet the Work Flow requirements has been improved to include the project name.

#20010 - When printing a Gantt to HTML the task names in the spreadsheet are not indented to reflect their outline level.

#19979 - When using the Initialize Reorganization tool, automatically map each organization to its pending organization counterpart.

#19927 - Include the project name with the Work Package ID in the Clear Locks dialog. [In the Clear Locks dialog, if a work package is listed, the project name is listed in parentheses following the work package ID.]

#19900 – It is now possible to specify Manager 1, 2 or 3 names as variables in emails. [ Email white paper]

#19793 - In the Project Save dialog box, if you click on the current project and the current project's name contains a space, the dialog box behaves as if you are doing a Save As as opposed to a Save.

#19276 - When the user creates a favorite for reports, a favorites properties dialog is brought up to allow the user to specify whether resource or projects filters saved with the favorite are to be applied when that favorite is chosen (if not, current filter selections would just be left alone).

#19120 - When defining a Graph, users are now able to define in-cell formulas in the Fields column. This allows users much more flexibility in what type of data is graphed. The user can also graph more data categories and specify a wider variety of filters.

#18414 - There is a new yes/no project field called "Restrict Assignment/Request Organizations". When this field is set to "yes", the Organization field in the Labor Assignment data category can only be set to an organization that is within the Performing Organization of the associated Work Package or Project. This same restriction is placed on the Organization field in the Resource Request category. When the project field is set to "no", the Organization fields in the Labor Assignment and Resource Request categories can be set to any Organization (regardless of whether it is within the Performing Organizations for the associated Work Package or Project).

#17954 - In the History tab of the Project Save dialog box a user may now clear (delete) individual entries. Previously a user could clear the entire history, but not individual entries.

7 - Issues corrected in this release

#20772 - The initial size of the simple text editing dialog (used when editing text fields) is too small to fit the OK, Cancel and Help buttons when using the German language setting. [This dialog now defaults to a larger size in every language setting.]

#20763 - CFG file support for Default Permissions is locale-dependent, which can result in the same data category name in different languages appearing in the selection tree during an import.

#20703 - Time rule sets are not using the latest time rule updates

#20697 - Effort displayed in the Time Rules dialog is always shown in a decimal format. [It now uses the same format as the Timesheet Actual Effort.]

#20695 - When using the "Dated User Data Edit" dialog to edit a "dated" date field, the calendar pop-up that can be invoked when editing the right-hand column does not reflect the value already present in that field. The value can be edited successfully, but since the pop-up isn't initially scrolled to the proper date makes it more difficult to make changes.

#20676 - When you try to clear a cell (by using the del key or the Delete tool bar button) in the right-hand pane of the Assignment tab (in the Task form), the selected cell in the left-hand pane is the cell that actually gets cleared.

#20674 - When Actual Effort is entered or applied to the beginning of a task and the effort values are all zeroes, the task should be delayed to the end of the newly entered/applied effort data, but when the task is a child task it is possible that some of that effort causes a portion of the task to be completed. Luckily, other than the extra completed portion, the task is accurately scheduled.

#20626 - A ClassCastException may occur when running a Matrix report when Cost Items are selected in the Organization branch of the Resources tree.

#20622 - Double clicking on a preference item in the tree (left-hand) portion of the Options dialog activates that item, but sometimes the old item is still labeled "(Active)". The same problem occurs when using the "Set Active" button.

#20620 - Screen sizes smaller than 1152 x 864 would cause Ranking toolbar buttons to be lost and the ranking graph would also get hidden. The same problem would happen when the screen was resized smaller in any resolution. The problem is now fixed: When the toolbar gets too small, small arrows will show up at left and right edges allowing it to scroll the buttons into view. Also the ranking graph is corrected and it will shrink to fit.

#20613 - When removing resource or cost assignments via the API it is possible that the wrong assignment is removed. When attempting to remove a resource assignment a cost item assignment may be removed and visa versa. [There is not a problem when deleting an assignment if a task has only one type and not the other type of assignment.]

#20604 - PSNext cannot run under Java Web Start when a device between the client and server changes the URL in the requests from the client. [A URL can now be specified via a new `WebStartOverrideURLForAlias` `PSServer.properties` file option. The Web Start JNLP download servlet will insert this URL as the `codebase` parameter in JNLP files downloaded to PSNext clients. This overridden URL is needed in cases in which a front-end processor (such as a reverse proxy server or SSL accelerator) between the client and the app server mangles the request URL delivered to the app server. The mangled URL is different from the URL corresponding to PSNext's domain definition, so the override URL is only used when the request URL does not match the PSNext domain, i.e. it's only used when the mangled URL matches the domain's alias.]

#20598 - Under some circumstances synchronizing with an offline database will temporarily set Domain Tokens to zero.

#20580 - Using the pop-up Calendar on a field with a date format that includes a period ('.') at the end of the month abbreviation results in a "Data Format Error".

#20545 - Drop down lists that allow editing of a cell in a spreadsheet sometimes do not behave correctly when "activated" by typing a letter (as opposed to clicking with a mouse). It is possible that the list selection will be applied to a different cell in some rare instances.

#20536 - When trying to update a timesheet on a closed resource assignment through the API an incomplete message is displayed.

#20535 - Setting fields to null in the API sometimes produces a `NullPointerException`.

#20508 - Non-project task IDs are not shown in the Timesheet ID field column, and don't appear in the Add Assignment dialog. In addition, the Notes and Daily Notes fields always use the "No notes" icons even if you create Notes or Daily Notes, for non-project tasks.

#20503 - Navigating to the Resources tab results in a null pointer exception.

#20474 - If a task has a gap between the completed and remaining portion and the remaining duration is zero, reducing the completion on the task may result in a situation where the remaining portion will not be displayed in the Gantt view (using our defaults preferences, the remaining portion should show up as a diamond to represent that the remaining portion has a zero length).

#20473 - If a task has a gap between the completed and remaining portion and the user sets the duration of the remaining portion to zero, it is possible that the remaining portion will not be displayed in the Gantt view (using our defaults preferences, the remaining portion should show up as a diamond to represent that the remaining portion has a zero length).

#20471 - In System/Fields, copying a field which is exposed creates duplicate 'Col name' values. This is fixed by clearing the exposed flag in the copy. If the copy is to be exposed also, the user must set the exposed flag manually.

#20452 - DB restore fails when using HTTPS during CFG loading.

#20429 - In rare cases it is possible that a user will encounter a `NullPointerException` related to `InterLinkMaps` when logging into PSNext. The exception may prevent the user from successfully logging in.

#20428 - In some cases, attempting to delete a soft assignment from a task will result in a different soft assignment on that task being deleted. This problem is more likely to occur on tasks within a Work Package.

#20420 - When using a multi-language version of PSNext, the message that warns a user that a project does not meet its work flow's publishing criteria may be displayed in the wrong language.

#20399 - Timesheets partially filled cannot be submitted when the week spans two months and the 'end of month' submission option is enabled and you have defined an enforced time entry rule with Min/Max values per day.

#20379 - A user will get a "NullPointerException" if they attempt to print (or print preview) the Gantt view and they have selected to display child labels on the top or bottom of the parent Gantt bar.

#20326 - Long project save times could result in long delays or even seeming hangs during PSNext login. Long save times might be normal and be the result of data view triggers or emails or extensive resource profile updates which may be defined at some sites. The subsequent login delay was caused mainly by access to the project and other important database tables being denied during long intervals of the save. Delays did not occur consistently; the situation most likely to occur when large project saves were done simultaneously. Delays were not limited to logins as other server requests could be delayed also for similar reasons. With this change and other improvements the window of inaccessibility has been reduced to a minimum resulting in more consistent login times.

#20306 - When trying to login while offline, users who have been assigned a PSNext built-in role that was modified to include the Work Offline right will get the error message "You have no rights and cannot login".

#20296 - Invalid view definitions are not properly reported during CFG import.

#20292 - Reports containing a Cost Item Assignment loop without a Task loop cause a NullPointerException error.

#20275 - Negative effort values are displayed incorrectly when the hh:mm effort format is used.

#20262 - It is possible to create a resource assignment on a parent task by applying timesheet data. This should be prevented unless, of course, the project is in "tracking parents" mode (where assignments are indeed allowed on parent tasks). This problem most easily occurs in a situation where a task becomes a parent after timesheet data has been entered for that task.

#20261 - If a change is made to a User and then the user exits PSNext, no warning is given about the unsaved changes.

#20260 - In Approvals Timesheet view, modifications to the timesheet may be lost if saved by clicking the OK button in Confirm Save message when shifting to the following week.

#20258 - The summarized/unsummarized state of parent rows in the Cost Utilization view is not preserved when the view is printed.

#20256 - Initialization of a UDF of category 'Global' and type 'effort rate' induces an error message on export.

#20253 - Invalid From address used when initiating user has disabled email addresses in user options.

#20252 - When using the "Perform as a background operation" in the "Project Save As" dialog box, the database is momentarily put into a state that incorrectly allows other users to "rescue" the project even though the background operation completes successfully. If a background operation fails, it is correct to allow other users to rescue the failed save, but if the background save completes successfully, or if the background operation has yet to complete, other users should NOT be prompted to perform a rescue operation.

#20248 - Resource formulas based on the qualified name of a Resource's Pending Organization produce an exception when there is no Pending Organization set.

#20242 - When creating an issue on a project, work package or organization, if no users have permissions to be the "responsible person" for the issue, an exception is thrown. [We now considered users with Global Access Rights to have permission to be the "responsible person".]

#20239 - The message showing for "Enforced Time Rule violations" displays arbitrary rounded min values that do not correspond to the real min value that can be entered.

#20237 - When running under Linux an exception error will occur when attempting to bring up the "Values" dialog box (by clicking on the dot-dot-dot button in the Values column of the Formatting tab in the Fields view in the System component).

#20233 - Possible duplicate time rule and time set ids after CFG import

#20232 - Importing configuration file can subsequently cause an "ArrayIndexOutOfBoundsException: Array index out of range" error when attempting to save changes made in System component > Time Tracking view.

#20212 - The minimum value calculated in a time rule check when actuals are entered in timesheets always uses the min of "expected value according to the time rule" and "duration of working day in calendar". Provide option to only use "expected value" for minimum time rule.

#20205 - A report will get validation errors when imported via CFG file from another system if that report uses view fields in the preamble blocks.

#20202 - When the Timesheet option "Show submitted tasks with zero actuals" is turned off, assignments that have a direct impact on the overall Timesheet status can be hidden, causing the Timesheet status to appear to be incorrect. [PSNext now shows any assignments that have a direct impact on the status of the Timesheet, if they would otherwise be hidden due to this option.]

#20188 - Field permissions on the "Target field" are not honored when a user generates an outline code using the "Generate Outline Code" option in the tools menu.

#20185 - The date range selected in Approval Summary view is not respected in the Timesheet view when selecting another resource using the dropdown list.

#20179 - This was simply an incorrect error message that erroneously stated the 'Populate Extended Access Field data on Save' checkbox was on the Setup Time Tracking Timesheet. The message has been changed to reference the correct location of System, Fields view, Extended Access Fields tab.

#20172 - Drop Table Option upon Save of a view definition or on Prompt using toolbar does not actually drop the table in the external domain when the view definition is pointing at an external domain.

#20168 - Users cannot create User Defined Fields for Pending Organizations. [In PSNext 3.0, User Defined Fields created in Organizations are simultaneously created in Pending Organizations. Data is preserved through the reorganization process.]

#20156 - Copy and pasting data that extends beyond the upper date limit in the "Distributed User Data Edit" Dialog box can have strange results. Any data that is beyond the right-most column should be ignored, but it seems the program is not handling this properly.

#20143 - Pressing the F2 key when editing a cell that contains a drop down list can results in a funny "square" character being displayed in the cell.

#20142 - When editing Gantt Bar styles and switching between Filters, it's possible to inadvertently modify the wrong style. This is due to the fact that the newly edited span sometimes becomes associated with the filter that is activated after the span is edited as opposed to the filter that was active when the span was modified.

#20141 - Task link calendar is not correctly preserved when exporting/importing a XML file between two PSNext systems via the API.

#20137 - Filters are not being properly imported via XML and are flagged as errors.

#20131 - If one user is saving a project at the exact same time that another user is publishing it, it is possible, in rare instances, for the save operation to silently fail. The failure can take on many forms... from the project not being properly unlocked to the project not being successfully saved.

#20116 - Under some circumstances synchronize for offline does not copy over all the necessary resources. This can lead to a loss of assignment information when a project is checked-out.

#20113 - Entering a date prior to 1/1/1970 into a date field and then clicking on the "..." button will result in an error. Attempting to close the error causes PSNext to hang.

#20111 - In rare cases, certain tasks with actuals do not appear in the Timesheet if they are not scheduled for the current week. [After updating to PSNext 2.5d, these tasks will be shown normally.]

#20110 - In certain situations, actuals assigned to "Non-project" tasks in Timesheets do not change status when "Reviewed" in the Approvals > Timesheet component. (The status appears to be changed, but refreshing reverts the status back to Submitted.) [With the fix, users should be able to perform Review or Rework operations successfully in these cases.]

#20068 - When exiting PSNext from the browser, and one or more My Work subrights are not enabled, a "NullPointerException" error dialog box appears.

#20066 - Non-project project is accessible via the API when loading projects by portfolio.

#20065 - In the Project Open dialog box, if a user selects a Portfolio row and selects "Open", all the projects in that portfolio are opened regardless of the filter being used at the time.

#20062 - Task link calendar is not correctly preserved when exporting/importing a XML file between two PSNext systems.

#20060 - System/Time Tracking does not allow for paste of a Non-Project Project task name.

#20059 - The constructor of some API PSNext objects set the values of some fields so their validity checking is ignored.

#20056 - Updates to calendars are lost if switch to an other resource prior to saving the current calendar.

#20053 - Local caching issue after restoring a native (non-PSNext) database dump.

#20047 - After pasting from the Pending Organizations tab into the Organizations tab, subsequent loading of PSNext gives a Verify error stating that some parent nodes cannot be found. [It is no longer possible to paste an object of one kind into a tab containing objects of another kind.]

#20045 - 'About' box memory parameters are not saved during a Save-To-File operation.

#20043 - In the Project Open dialog box, an exception error will occur if a filter is defined that involves the "Performing Organizations" field.

#20041 - Approvals Summary display requires more time than necessary to build when Note column is included in Timesheet Summary spreadsheet.

#20040 - The Approvals Summary display requires more time than necessary to build when the Planned Effort column is included in the Timesheet Summary spreadsheet [A similar and more serious bug exists involving the Note column in the Timesheet Summary spreadsheet. This different bug will be fixed in a future release. Until then, the workaround is to remove the Note column from the Timesheet Summary spreadsheet.]

#20038 - In rare cases, certain users cannot save or submit a Timesheet. (A warning about the Timesheet being modified by another user is displayed, even though the Timesheet was not modified by another user.)

#20035 - Copying and Pasting the "Summary Span" column can result in a "Null Pointer" exception.

#20033 - The initial height of Distributed User Data Edit dialog box is too short to display the "Options" button and the cumulative row of the spreadsheet.

#20031 - Allow My Work Add task field values are not correctly preserved when exporting/importing a XML file.

#20029 - There was some confusion as to where the error file data was written in the cases where a file save dialog could not be displayed (like during the Init phase). This was fixed by changing the Save To File button to NOT have the "..." when in init phase since we can't bring up another dialog. Also when in init phase, use a fixed file name in the default directory for the platform. And in all cases, after the file is saved, report that file name underneath the buttons in red to confirm the location to the user.

#20028 - Add database indexes to improve the Approval Component Summary display.

#20027 - Some operations (like Tools/Task Functions/Close Tasks) and some field modifications (like EV Method) are not setting the project to an unsaved state.

#20015 - The critical path is not being run prior to setting the labor assignment Remaining Effort field through the API.

#19994 - The items listed in the History tab of the Project Save dialog box are sometimes not properly sorted.

#19983 - Calendar updates do not always correctly impact resources availability (or project schedule).

#19980 - During XML import time-phased effort values that have fractional seconds are not being imported correctly.

#19975 - PSNext may hang when task name ends in the special character "&".

#19959 - Using the hh:mm format for effort fields can result in a nonsensical display (example: 8:60). This example occurs when the underlying value is fractions of a minute less than 9 hours.

#19958 - Calendars associated with a task link are not being properly imported or exported. Additionally, PS8 (Sciforma's previous product) doesn't seem to be exporting this information correctly either.

#19956 - Escape characters in user-defined fields (UDF's) cause "File appears to be corrupt, check file format." error during Planner XML import.

#19955 - When using the Approvals Summary view to display a Timesheet you can get into a situation in which the wrong resource and date range is displayed.

#19948 - Several different problems can crop up if a user tries to "rescue" and PENDING project before the background save operation has completed. The problems range from poorly formatted error messages to improperly locked work packages.

#19944 - It is possible to lose some precision in DECIMAL type database columns when performing a PSNext database backup from the PSNext Configuration Utility.

#19943 - Trailing blanks in Login ID field cause problems when trying to use the Domain Configuration Utility's "Back Up Database" tool. [Starting in 2.5c, login ID's which differ by only trailing spaces will be allowed when using the backup tool; in 3.0, leading and trailing blanks will be trimmed when a user enters a value for Login ID.]

#19941 - "Global Project Access" rights are not properly taken into consideration when publishing a project. If this right is the only way a user has access to the project, the user is unable to publish the project.

#19931 - Save button not activated when user changes only the "Timesheet lock date", without using the calendar button, from System/Time Tracking.

#19923 - Performing a database backup with the Domain Configuration Utility's "Back Up Database" tool results in a memory leak on the server.

#19910 - The "Run selected job immediately" command for scheduled jobs will run the job will execute the job even if Scheduled Jobs are disabled (via the Domain Config Utility). This is by design, however, the user should be warned in this situation so that an informed decision can be when this occurs at a performance sensitive installation.

#19899 - Default Value for Global User type UDF disappears on XML import.

#19891 - The "Initial Value" that can be specified in the Fields view of the System component was being ignored in many cases (quite often this failure was dependent on the data category).

#19890 - After using the "Forcibly open for read/write" command in the Project view to re-open a project for read-write, the main window title bar still specifies that the project is opened for read-only.

#19878 - Under certain conditions the Portfolio Names in the Project Open dialog will not be sorted properly.

#19873 - Cannot clear out the e-mail server properties once they have been set

#19868 - When defining a filter, if the user specifies a Calendar field in the Row Entry tab, the program will display a "Missing value at the end of the expression" error.

#19846 - Modifying the value of the "Resource Cost Source" field at the assignment level does not cause the "Total Cost" field at the project level to be properly recalculated.

#19838 - In the Update Interlink dialog box, the "Update" button is always enabled even if no Interlink items have been selected.

#19835 - The Apply Map command applies the full week of time card data instead of applying the individual days of the week. This is fine unless the map involves a formula that expects individual days to be applied.

#19830 - After using the Reorganize tool, an error message is displayed when saving Organizations.

#19805 - PSNext's AuthenticateWithLocalAppServer mode only works with a client protocol of HTTPS, making it more difficult to configure some routers, firewalls, and proxy servers when clients use HTTP. [A new AuthenticateWithLocalAppServerClientProtocol property can now be added to the PSServer.properties file. Specifying a value of 'https' for this property (or omitting the property) results in PSNext's original behavior. Specifying a value of 'all' results in the AuthenticateWithLocalAppServer behavior for client protocols of http, https, and any other protocol that we might support in the future. This change also addresses EV items 19967 and 20416.]

#19496 - When applying time sheet data it is possible that in some cases that the resultant assignment data does not match the time sheet data that was applied. The values are typically off by a very small fraction.

#19453 - In certain cases, the filter drop down list in the Project Open dialog box could appear to have duplicate entries. The entries represent different filters, but the names of the filters are the same, so it's impossible to tell them apart when selecting an item in the drop down list.

#19448 - The tool tip for the Log Capture toolbar button is blank.

#19405 - The Save button in the Corporate Preferences view of the System tab does not get enable if a user modifies preferences while in that view (by editing items in the Options dialog box).

#19369 - Certain spreadsheets allowed users to drag and drop data even when the spreadsheet was disabled.

#18419 - When creating a PSNext Config Utility Backup, an intermittent "File Not Found" message comes up and prevents the operation from completing successfully.

#15969 - In System, Organizations, there is a misplaced ampersand in the prompt that comes up when the Reorganize tool is used.

#15939 - A user can now edit non-summarized assignment data in the distributed panes of the Resource Utilization and Cost Utilization views.

#15882 - When running the client under Linux a user will encounter an error when attempting to access the "Create Resources from Users" dialog (in the Resources component).

#15704 - Resource Time Entry Override Stop can be set earlier than Time Entry Override Start.

#14078 - Reports or Static Reports cost an additional token even when Report Design right is included. Also, Static Reports cost an additional token even when Reports right is included.

#12639 - After deactivating a project, the project may still appear in the list of projects that can be reopened (via the Reopen menu command).

8 - Installation

8.1 - REMINDER

Before any installation, we strongly recommend that you backup your database.

We do not give any warranty concerning backward compatibility between PSNext releases. Therefore, if, for any reason, you decide to come back to an older version after having installed a new one, a database backup will be necessary.

We recommend that you never go on production before having installed the newest release and qualified it on a test server. As a reminder, your maintenance contract includes the delivery of free tokens to be installed on a test environment.

8.2 - INSTALLATION PROCESS

As with previous releases of PSNext, the general procedure for upgrading to this new version is as follows:

1. Unless you wish to be able to continue using your old version of PSNext in a separate domain after installing this new version, undeploy the old version from your application server.
2. Run the PSNext 3.0 installer and answer all of its prompts for information.
3. Deploy PSNext's newly installed .war file on your application server.
4. Start the PSNext Configuration Utility (<http://AppServerName/PSNextInstance/config.htm>), select the Test Connect button, then after a successful connection test, select the Create/Update Tables button. When table update/creation is complete, PSNext is ready to use.

8.3 - **CONFIGURATION UTILITY NOT COMPATIBLE WITH OLDER VERSIONS**

Older versions of the PSNext Configuration Utility are not compatible with the PSNext 3.0 servers. If you attempt to use the Configuration Utility in an invalid configuration, a message will be displayed describing the version mismatch.

This situation is only significant if you plan to run different PSNext domains that use different versions of PSNext as part of the same installation.

If you do plan to run with multiple versions of PSNext as part of the same installation, then when running the PSNext 3.0 installer you should be sure to specify a new destination directory and shortcut name for the PSNext Configuration Utility. (In other words, avoid overwriting your existing installation of the PSNext Configuration Utility.) As usual for a multi-version/multi-domain installation, you should also specify a new/unique instance name and context name when the setup program prompts for them.

8.4 - **DATA MIGRATION**

PSNext 3.0 uses a new and higher performance method of storing certain published project data, so existing project data need to be converted when you upgrade an existing PSNext domain. The PSNext Configuration Utility performs this conversion process automatically when you select the Create/Update Tables button. The amount of time required for the conversion process depends on both the speed of your server hardware and the number and size of your published projects. The time required is roughly equal to the time it would take to open and then save all of your published projects. The process could take as little as a few minutes if you only have a few, moderate size projects, up to several hours if you have hundreds of large projects. The Configuration Utility displays a progress dialog box during the conversion process. Be sure to allocate sufficient time to this part of the upgrade procedure.