



PSNext

**Web-Based Project Management
for the Global Enterprise**

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PSNext is a fully-integrated web-based project management solution for the enterprise. All project stakeholders enjoy secure access to the timely project information they need regardless of their geographical location.

PSNext's rich graphical interface, multi-lingual nature, robust project management functionality, high degree of configurability, flexible licensing, and simple automatic deployment ensure a smooth startup and a rewarding journey to project management success.

BENEFITS



MANAGEMENT

Sets project priority, objectives, and constraints, and monitors project portfolio metrics via a web browser.

BENEFITS :

- Increased assurance that project portfolio and resource allocation are aligned with strategic vision.
- Enhanced decision-making for both launching new projects and discontinuing current projects.



RESOURCE MANAGERS

Manage their resource teams and organization's knowledge base.

BENEFITS :

- Exceptional insight into the timely availability of skilled resources to meet forecasted needs.
- Enhanced team effectiveness with centralized knowledge base of organization-based documents, issues, and discussion threads.
- Increased control through visibility into, and approval of, forecasted and actual resource work.



PROJECT MANAGERS

Plan and track projects and allocate resources to meet projects' objectives. Manage project knowledge base of documents, issues, and collaboration.

BENEFITS :

- Optimized resource planning via job classification and skills.
- Enhanced team effectiveness with centralized project knowledge base of documents, issues, and discussion threads.
- Easy communication with all project team members.
- Effective project control via critical path project management with integrated schedule and cost performance metrics.



CUSTOMERS

Approve projects based upon analysis of benefits and projected costs. Monitor project progress versus plan.

BENEFITS :

- Better visibility into project progress via web-based reports.
- Increased awareness through project knowledge base.



PROJECT TEAM MEMBERS

Accomplish planned work and provide updates to project plans of actual hours expended and remaining effort forecasts. Share knowledge via centralized documentation and issue and discussion forums.

BENEFITS :

- Enhanced control over who works when on what.
- Increased collaboration via project-based and organization-based knowledge bases and discussion forums.
- More accurate resource planning via integration of resource calendars into project plans.

BENEFITS FOR THE GLOBAL ENTERPRISE

PSNext benefits the global organization by providing a multi-lingual user interface which adapts to the locale of each client (English, French, and German available) and a centralized web-accessible repository of all resource and project information. Executives, project managers, resource managers, human resources managers, team members, and customers all find the timely information they need to fulfill their role in the project process.

FUNCTIONALITY

RIGHTS AND ROLES MANAGEMENT

Rights, roles management, and screen customization allow the alignment of project stakeholders to their specific processes, ensuring a shorter learning curve in mastering their functions.

EACH STAKEHOLDER HAS A PERSONALIZED INTERFACE.

Upon login each stakeholder is presented a personalized interface, providing access to PSNext components, functions, and project information as defined in a centralized configuration.

PSNext's use of industry-standard and open technologies enables it to run on a variety of hardware platforms and operating systems.



PSNext

PROJECT PORTFOLIO MANAGEMENT

PSNext fully supports project portfolio planning to ensure that the project pipeline is aligned with the strategic vision. Executives and management can decide which candidate projects to initiate and continue based upon resource and cost constraints versus expected benefits.

INTEGRATION

PSNext's open architecture and tool set provide for the exchange of vital project-related information with other corporate information systems such as finance, accounting, and human resources.



PROJECT PLANNING

Starting with a selected project template, PSNext supports the definition of the tasks required to accomplish the project objectives within time and cost constraints.



RESOURCE MANAGEMENT - SKILLS MANAGEMENT

Resource management consists of optimizing the allocation of people, materials, facilities, and equipment to meet project needs based upon priorities and objectives within established availability constraints. PSNext provides a rich tool set for managing skill-based human resource pools as well as pools of materials, equipment, and other cost items.



MANAGEMENT BY OBJECTIVES

Management by objectives provides stakeholders the ability to clearly quantify the results based on predetermined thresholds. PSNext utilizes this mode of management to maintain project performance and to enhance the communications between executive management and project managers.



TIME TRACKING

Time tracking provides an automated process for gathering team member hours on assigned tasks, validating and approving these submittals, and updating projects to reflect actual hours expended and estimates of remaining effort. Additionally, time tracking provides billable hours for invoicing as well as charges to non-project items such as vacation, holidays, and sick time for use in other corporate systems.



COST TRACKING

Cost tracking is essential for determining project performance versus budgets. PSNext compares planned versus actual expenditures versus estimated work completion as an aid in identifying budget drifts. Additionally, external data can be integrated into the analysis and included in cost reports. Full Earned Value is also supported.



KNOWLEDGE MANAGEMENT

The sharing of knowledge, experience, and ideas is essential to productivity. PSNext supports users with integrated documentation management, discussion forums, and issue management that are related to either projects or organizational entities.



REPORTS

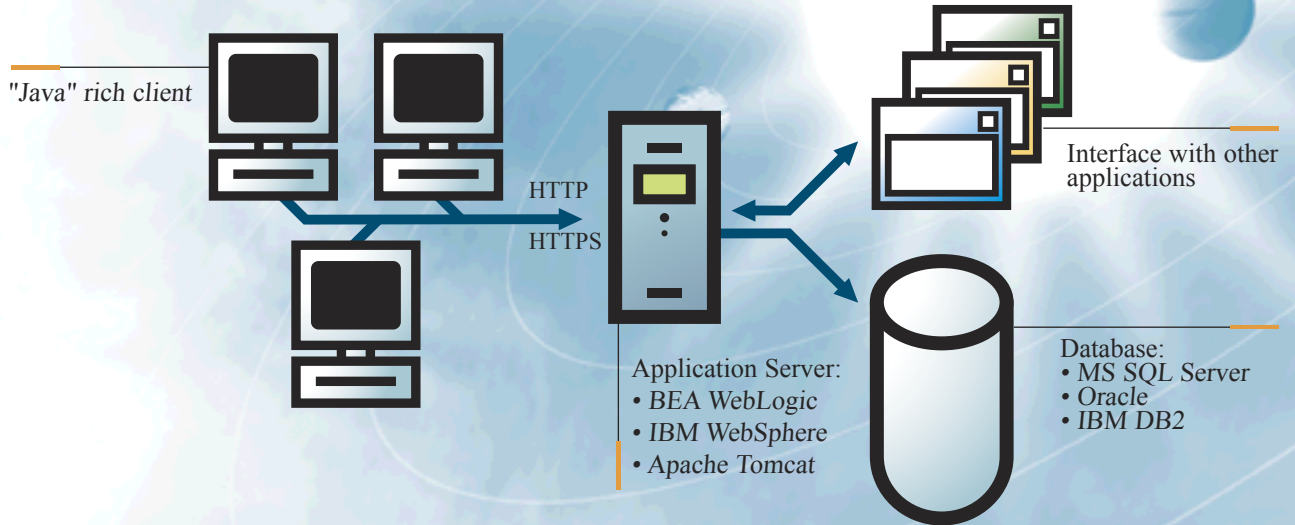
With PSNext, project and resource information is immediately available from the database via information-intensive reports that can combine pie charts, bar charts, line graphs, Gantt Charts, text, and data-driven graphical indicators. Reports can be organized to provide dashboards with exception-based drill-downs based upon graphical indicators of schedule and cost performance. Reports are dynamic and allow the database to be viewed from portfolio, project, organization, and resource perspectives based upon access permissions.



ALERTS AND NOTIFICATIONS

Team members are reminded of which activities need their attention through a combination of an individual Overview page that summarizes activities related to issues and timesheet updates, and an e-mail alert capability for new assignments, issues, and overdue timesheets.

ARCHITECTURE



PSNEXT IS A J2EE APPLICATION

PSNext is based on a multi-tier architecture, where each level in the architecture is based on proven standards. PSNext is composed of 10 components, which can be seamlessly integrated to form a common user interface where the choice of components is determined by the user's role.

Each component is automatically installed and updated on client desktops as defined by individual user access rights.

The communication between clients and the application server is performed through either HTTP or HTTPS protocols.

BENEFITS

- Automatic deployment and updates
- Seamless integrated interface
- Single installation for all options and centralized configuration management
- Multi-site access
- Modern operating system look and feel
- Modular interface adapted for each user
- Choice of operating system, application server, and database

Since the early 1980's, project management needs have changed considerably from simple single project management to today's enterprise tools that enable the sharing of project and resource information and the integration of timesheets, forums, and documentation management.

In today's environment, all project stakeholders must be involved with and have access to the company's project management software. This evolution of needs has required a complete revision of IT architectures, in order to answer the following needs:

SIMPLE, UNIVERSAL, AND SECURED ACCESS

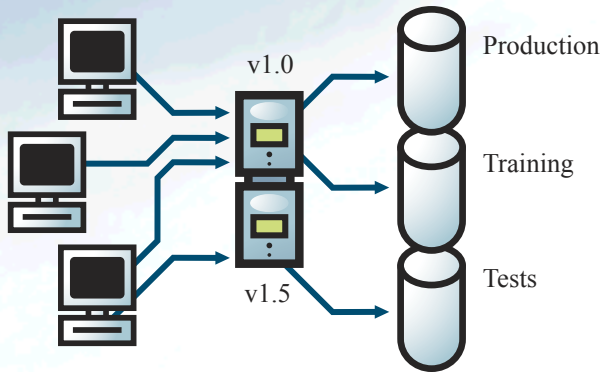
Today, companies often have multiple, heterogeneous networks because of organizational and geographic considerations. PSNext provides a perfect solution to these topologies by using only HTTP and HTTPS protocols, which have become widely accepted standards for flexible and secure transmissions.

AUTOMATIC DEPLOYMENT

The more a system is used in a company, the more its deployment must be automated in order to reduce its operational support costs. This point is even more crucial while updating a simultaneous-use application. As a Java application, PSNext updates itself automatically on every client desktop.

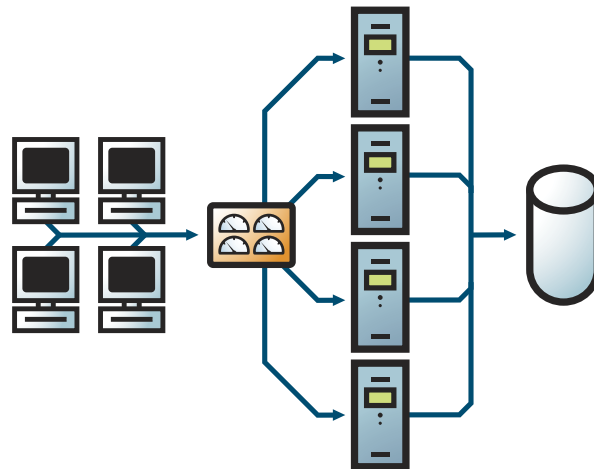
OPEN ARCHITECTURE BASED UPON STANDARDS

PSNext employs robust architectural components that have become widely accepted industry standards. This results in a scalable, flexible architecture that can easily adapt to changing needs without requiring additional technological expertise from the supporting organizations. Importantly, PSNext's architecture allows a wide choice of vendor products to be used.



AN EXAMPLE OF DOMAIN USE

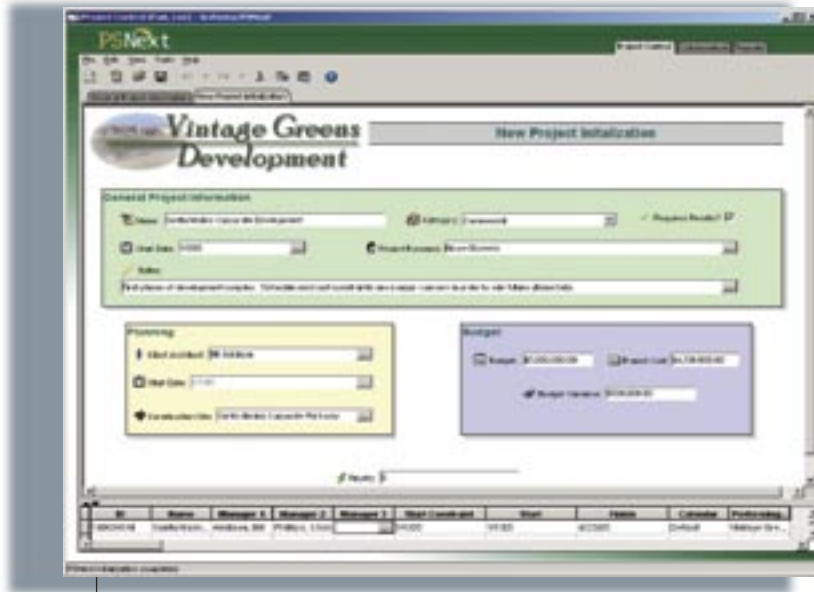
Several versions of PSNext can coexist on the same server enabling the testing of a new version with a test database prior to placing it in production.



AN EXAMPLE OF LOAD BALANCING

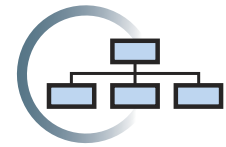
When the number of PSNext users reaches a point at which a single application server computer cannot provide adequate performance, PSNext's scalable architecture enables you to install additional application server computers to share the load. Adding multiple lower-cost servers is often a preferable alternative to using a single, very expensive multi-processor computer.

SCHEDULING A PROJECT



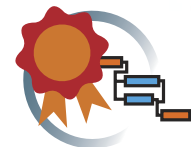
INITIALIZATION OF A PROJECT

A project can be initialized by an executive who sets the objectives and assigns the project manager. PSNext provides the ability to manage and define the information flow between these two stakeholders. The screens displayed to the executive are completely customizable.



TAILORED RESOURCE POOLS

A project can be related to one or more branches of the company's organizational structure. By tying a project to elements of the organizational structure, the project will then only utilize resources of the corresponding organization branches.



PUBLISHING

Publishing is an essential step in disseminating project information to stakeholders. For example, publishing makes projects available for collaboration and team member updating. Additionally, permissions can limit user reporting visibility to only published versions of a project if desired.

A project manager can maintain up to five working versions of a project and publish the latest version at any given time.

BENEFITS

TYPICAL ROLE USE:

- Executives
- Project managers
- Work package managers
- Task managers

KEY POINTS:

- Project initialization process management
- Project templates for standardized planning
- Powerful scheduling functions
- Delegation through work packages
- Unlimited creation of user fields and formulas
- Published and working version concept



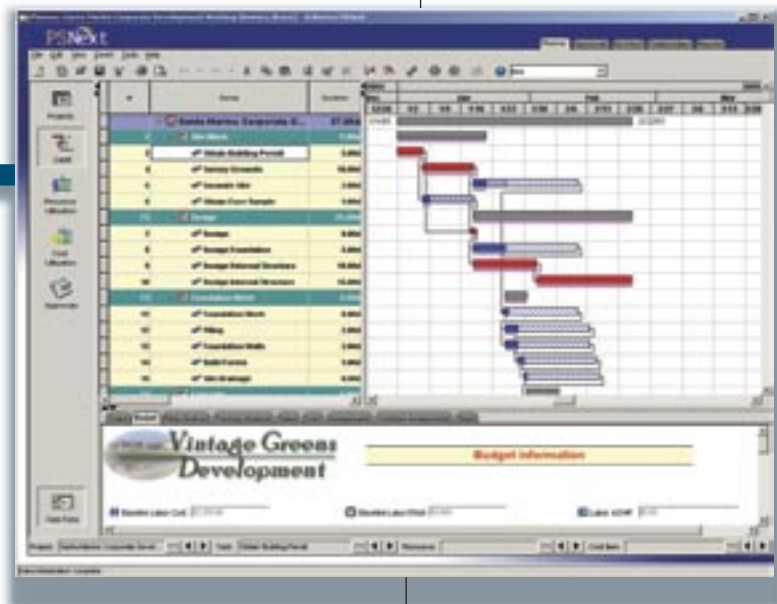
VIEW LAYOUTS

PSNext provides selectable view layouts that can be used to control the contents and format of the current view. Layouts can include individual user preferences and corporate standards.



OBJECTIVES DEFINITION

PSNext provides for the customized definition of project objectives and constraints based upon PSNext's powerful ability to create an unlimited number of user-defined fields and calculation formulas. Using these fields, the objectives and performance envelope of new projects can be easily defined.



SCHEDULING

Scheduling a project consists of defining tasks and organizing them within a Work Breakdown Structure (WBS).

PSNext's robust Planner component is based on 20+ years of experience in critical path project management software.

DELEGATION AND WORK PACKAGES

In PSNext, management can designate a selected group of tasks as a work package. This work package can then be managed independently by a work package manager. This ability to delegate sub-sections of a project to functional managers is useful in matrix organizations.

PROJECT VALIDATION

Once the project is planned, the project manager can verify that the established objectives can be accomplished.

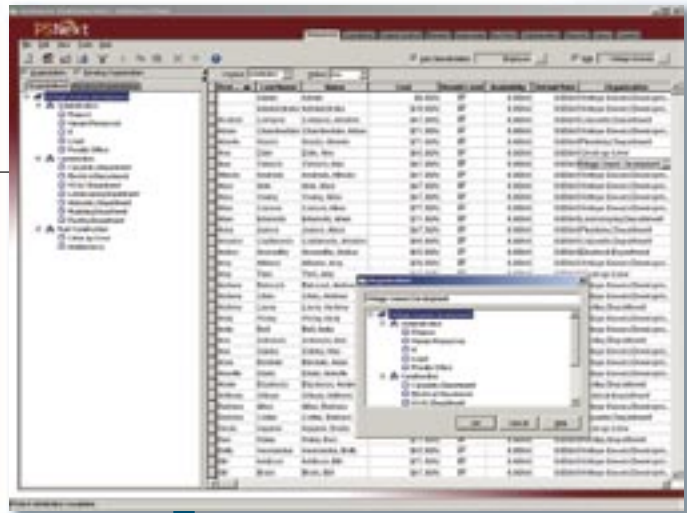
Afterwards, the executive can authorize the publishing of the project, enabling the project data to be viewed by all stakeholders who have access permission to the project.



LABOR RESOURCES & COST ITEMS MANAGEMENT

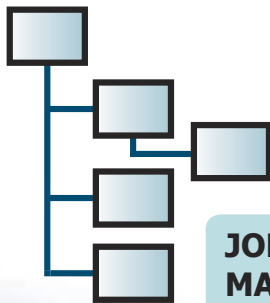
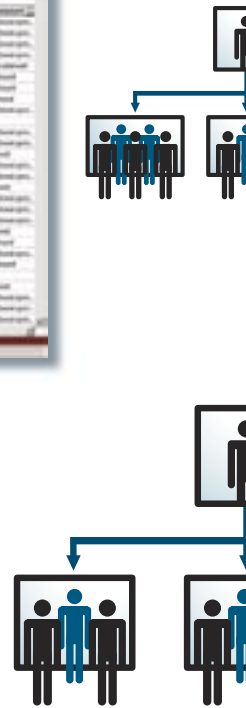
CENTRALIZED RESOURCE MANAGEMENT

PSNext's database-centric architecture organizes all resources in a centralized location. This centralized management simplifies all multi-project availability and cost calculations. The definition of a resource includes time-phased cost and availability as well as other attributes.



ORGANIZATIONAL STRUCTURE

The organization tree describes the complete organizational chart of the company. Each labor resource and cost item is mapped to an organizational branch. Project access permissions can be granted to organizational nodes and to individuals.



JOB CLASSIFICATIONS MANAGEMENT

Each resource is assigned a job classification via the job classification tree. These job classifications can be used to make generic (soft) resource assignments during the planning of a project. Reports can organize and summarize resource utilization by job classification.

SKILLS MANAGEMENT

In PSNext, the capabilities of a resource can be further defined beyond the job classification by assigning multiple skills to a resource. Resource skills are important in defining task resource requirements in project planning.

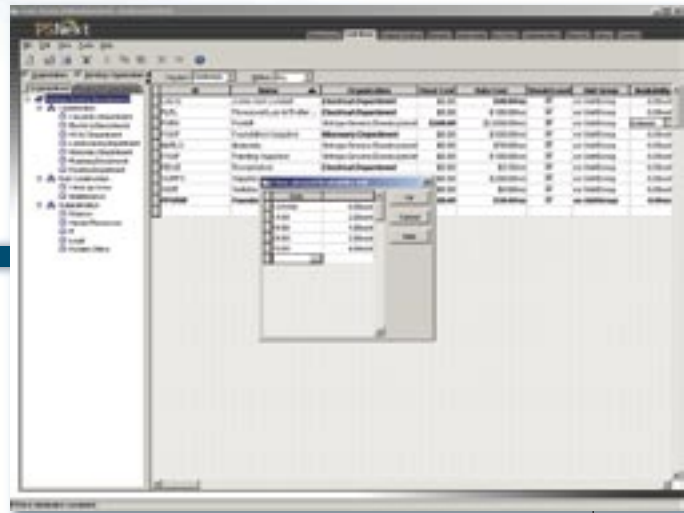
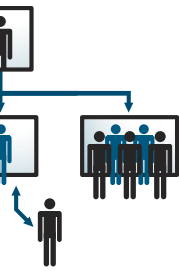


NEEDS ASSIGNMENT

During the initial phase of project planning, project managers can describe their task needs by specifying the job classification and skills required to perform the task.

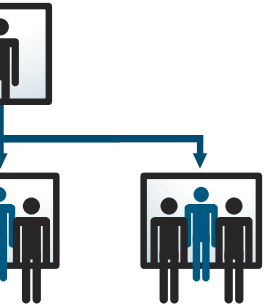
PENDING ORGANIZATIONAL STRUCTURE

PSNext provides a unique capability for managing changes to an organization. By defining a pending organizational structure, PSNext automatically transfers all resource and cost item data to the new organization tree once the change is activated.



CENTRALIZED COST ITEMS MANAGEMENT

In PSNext, cost items are managed in a unique component separate from labor resources. The definition of cost items includes the definition of their unit of measure (e.g. ton, cubic meter, or any time unit), and the definition of standard and time-phased costs. Like labor resources, cost items are managed in a centralized manner.



BENEFITS

TYPICAL ROLE USE :

- Resource managers
- Cost managers
- Project managers
- Work package managers
- Task managers

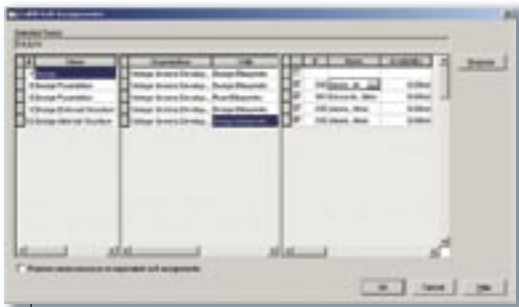


KEY-POINTS :

- Centralization of labor resources and other costs based on the company organizational structure
- Reorganization support via Pending Organization
- Definition of task assignment needs according to job classifications and skills
- View resource availabilities in real time
- Time-based resource availability and cost profiles
- Automatic proposal of available resources, according to job classifications and skills
- Automatic project resource leveling with a fine level of control

ASSIGNMENT PROPOSALS

For selected tasks, PSNext displays only those resources that meet the job classification and/or skills required to perform an activity. Additionally, the selection can also be limited to those resources available to work in the tasks' time frames.



TRACKING PROJECTS

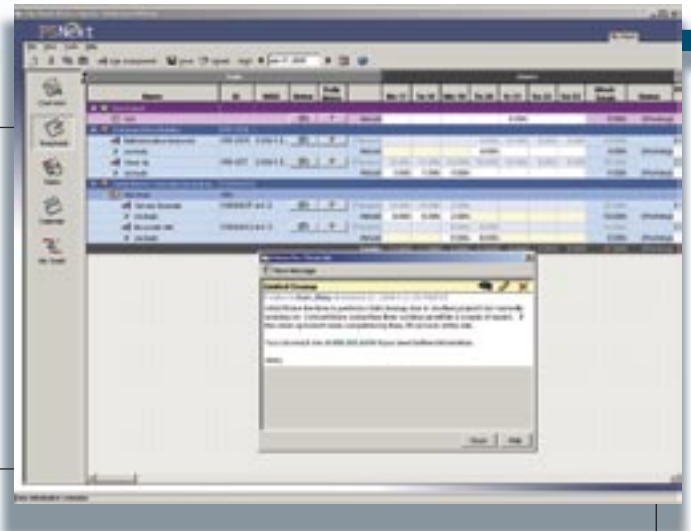
PSNext offers a complete process for tracking projects based on user-defined needs. Each project can select from several available tracking methods, providing great flexibility in meeting different needs.

TIME TRACKING

Team members have access to their timesheets via the My Work component. The timesheets display all assigned tasks across multiple projects. Team members enter actual and remaining hours for each task assignment and submit their timesheets to their manager for review.

MISCELLANEOUS TASKS

PSNext provides the capability to manage tasks that are not project related (e.g. training, sick time, vacation, etc.). Each user can charge time to these miscellaneous tasks in order to submit a complete timecard.



TIME ENTRY RULES

PSNext allows you to define rules for control of resource time entry. These rules can enforce maximum and minimum limits on actual hour entry.



CALENDAR MODIFICATIONS

Users can submit changes to their personal calendar to their manager. Approved personal calendars affect the scheduling of project tasks.

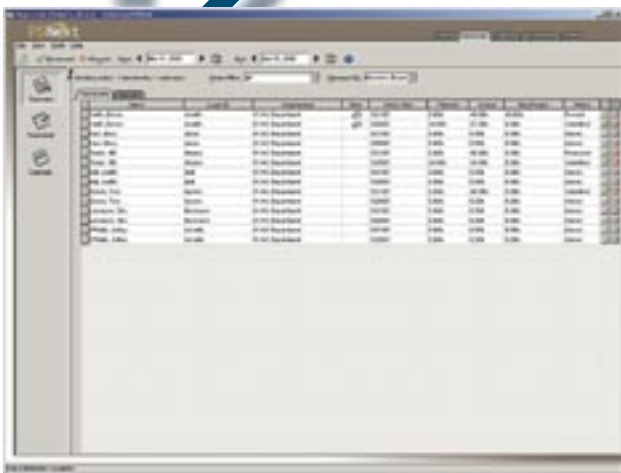


MY GANTT

The My Work component displays a customized Gantt Chart for each project team member. At a glance, team members can see all their individual assignments for every project.

PROJECT PROGRESS

Project managers can apply their team member updates to their schedules to review the impact of the changes. PSNext provides graphic indicators that aid in determining which updates are at variance with the current plan. The project manager can reject updates even if they have been approved by the resource manager, thereby initiating a rework process. As an aid in what-if analysis, the project manager can instantly undo and redo applied updates to see the effect on the project.



TIME APPROVAL

Using the Approval component, resource managers can approve or reject the time entries and/or calendar requests posted by their team members.



OTHER TRACKING METHODS

- Team member updating using a list of assignments.
- Task Manager updating using a list of managed tasks assigned by the project manager.

BENEFITS

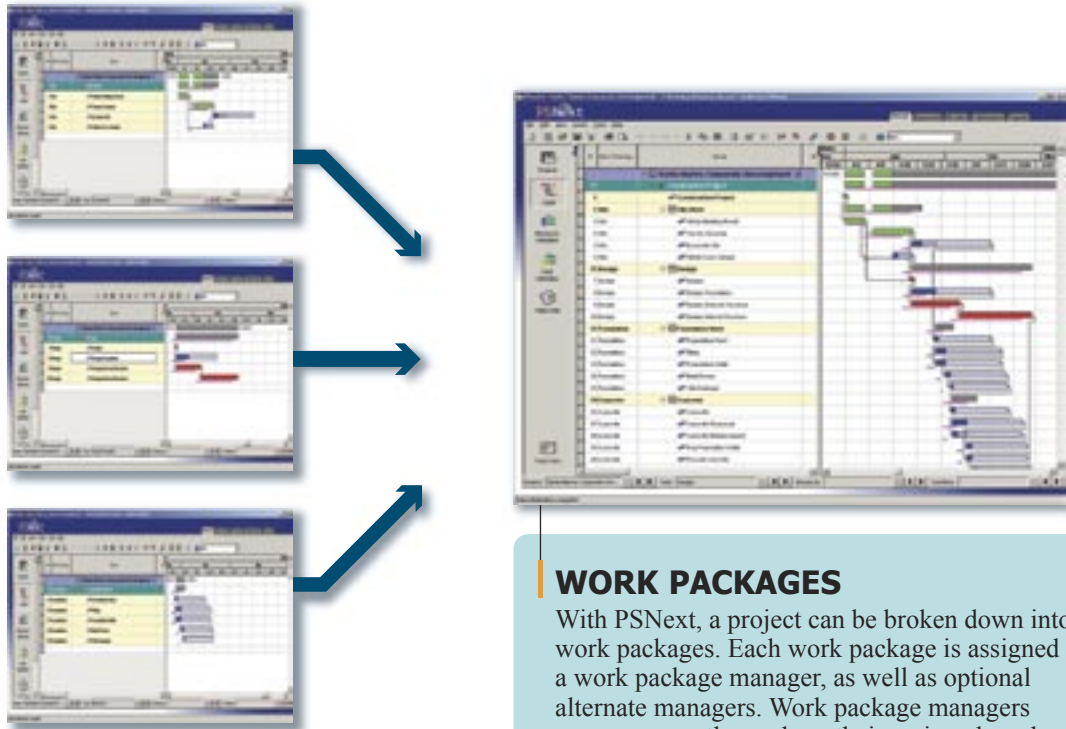
TYPICAL ROLE USE :

- Project team members
- Resource managers
- Project managers
- Task managers

KEY POINTS :

- Complete process for tracking
- Several tracking methods available, defined per project
- Miscellaneous task management
- Approval process for resource calendars
- Individual control of timesheets through management rules
- Daily or weekly timesheet entries
- 10 baselines for tracking projects
- Complete management of actual costs, BCWP, and BCWS
- Project tracking available at task level (most detailed) or at higher parent task level

MULTI-PROJECT ENVIRONMENT

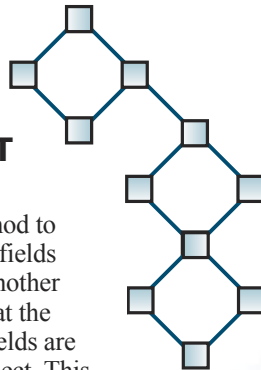


WORK PACKAGES

With PSNext, a project can be broken down into work packages. Each work package is assigned a work package manager, as well as optional alternate managers. Work package managers can concurrently work on their assigned work packages to plan and track their tasks. Task dependencies can cross work package boundaries to define the total project network. Importantly, work package managers can open all of their assigned work packages to manage resource allocations within their functional area.

PROJECT-TO-PROJECT RELATIONSHIPS

PSNext provides a powerful method to define data transfers from source fields in one project to target fields in another project. The source fields can be at the project or task level. The target fields are at the task level in the master project. This general facility allows for the passing of scheduling constraints between projects to achieve a powerful cross-project dependency capability. Additionally, it facilitates the transfer of custom data such as metrics and budgets between projects.



PROJECT ARCHITECTURE

PORTFOLIO

(a group of projects sharing common characteristics)

→ PROJECT

→ WORK PACKAGE

(relationships are possible between tasks of different work packages)

→ SUMMARY TASK

→ TASK

→ Resource needs (job classifications & skills) and resource assignments

→ Steps (list of work steps required in task)

BENEFITS

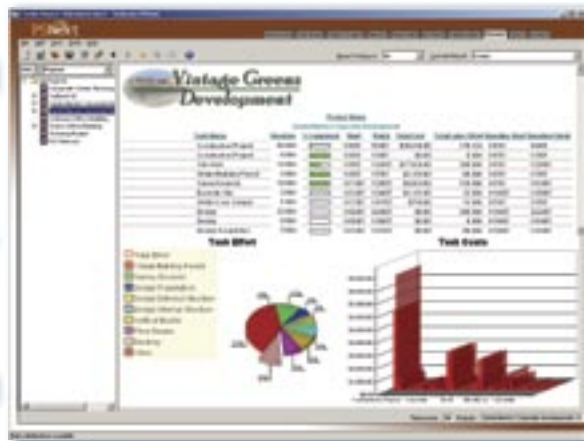
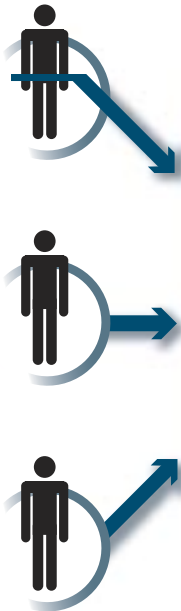
TYPICAL ROLE USE :

- Executives
- Project managers
- Work package managers
- Task managers

KEY POINTS :

- Multi-project analysis and simulation
- Optimized consolidation
- Project portfolios and work packages
- Project-to-project relationships

REPORTS



PSNext provides the ability to define and view information-intensive reports. The creation of a new report is performed graphically by selecting objects (e.g. graphs, Gantt Charts, and textual data). Each object can be completely customized in its shape and content. A single report can combine multiple objects. The reports can include

user-defined fields and formulas as well as conditionally displayed graphic indicators such as stop lights.

Once a report is created, it can be assigned to a report category whose access can be controlled via permissions. Thus, stakeholders will only view the project information that is relevant to their specific roles.

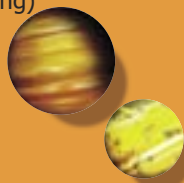
BENEFITS

TYPICAL ROLE USE :

- PSNext administrator (report creation)
- All stakeholders (report viewing)

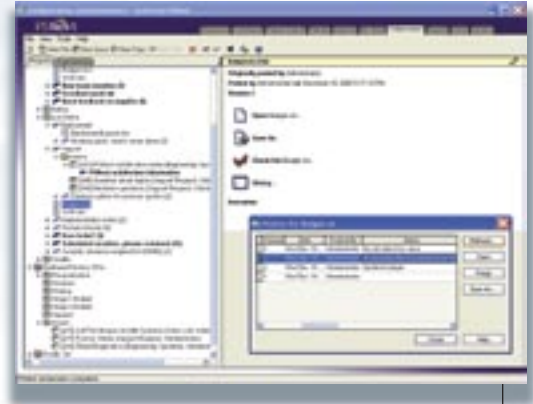
KEY POINTS :

- Powerful tool for simulation and consolidation
- Creation of an unlimited number of reports
- Immediate access to updated project data
- Organize report data by organizations, projects, resources, job classifications, skills, etc.
- Inter-report navigation
- Access rules for reports according to permissions
- Adobe PDF format publishing



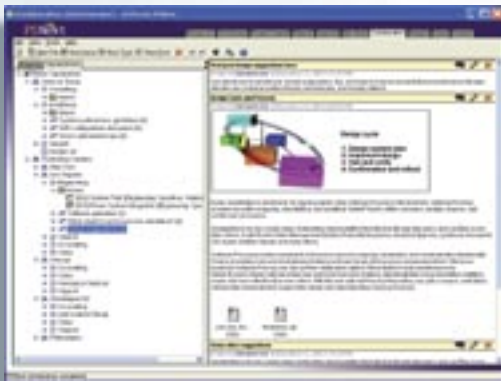
COLLABORATION

PSNext's Collaboration component enables all project stakeholders to share information and knowledge. Each item within this component can be related to a branch of an organizational structure, to a project, or even to a task. A powerful search engine enables users to quickly find the information they need.



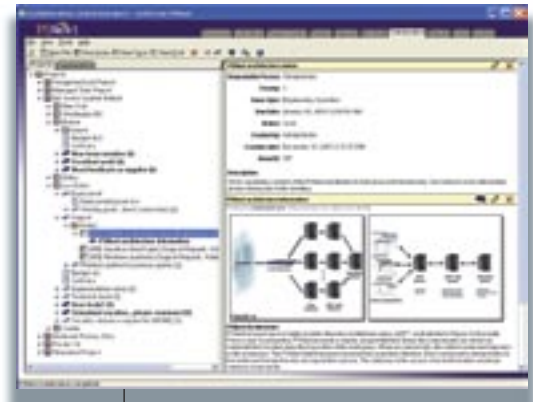
DOCUMENTATION MANAGEMENT

PSNext offers a simple and powerful documentation management system. Files of all types can be stored in the database. Check-in/check-out capabilities are included. PSNext also maintains document versioning with non-destructive rollback capabilities, and provides the capability to attach notes with each file modification.



FORUMS

PSNext provides the ability to create as many forums as needed. A discussion thread can include documents attached to a message. Permissions control the functions available to a user in working within the forums (reading, writing, message creation, or moderating).



ISSUE MANAGEMENT

PSNext provides issue management capabilities that include assigning a responsible individual and defining a due date for the issue resolution. A discussion forum and files can be included with each issue. Issues can be related to a project, work package, or specific task with direct links to outstanding issues from the Planner component. Additionally, issues can be related to the organizational structure to accommodate non-project issues.

BENEFITS

TYPICAL ROLE USE :

- All stakeholders

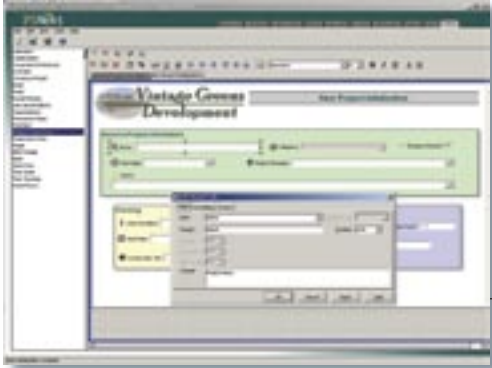
KEY POINTS :

- Attach forums, issues, and files to projects, work packages, and tasks or to a branch of the organizational structure
- Complete management of access permissions
- Documentation management with versioning and check-in/check-out capabilities
- Issue management related to projects, work packages, tasks, or organizations



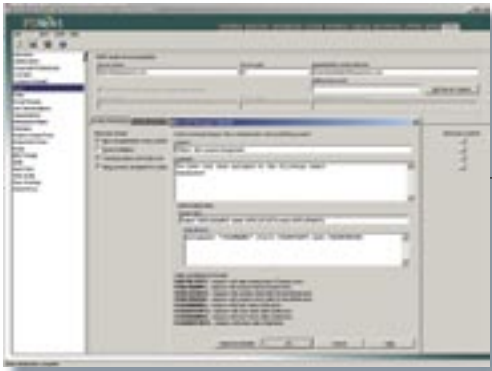
CUSTOMIZATION

PSNext provides significant flexibility in the customization of the views and forms as well as the underlying database tables and calculations. Users can tailor views to fit their individual needs and corporate standards can be defined to promote consistency.



INTERFACES

PSNext provides the ability to modify the contents of the screen views and all project and task forms displayed within the Planner component. Additionally, the contents of the Project Control view can be customized in terms of content and format.



ALARMS MANAGEMENT

PSNext can be integrated with a company's e-mail system. Then, automatic alarms and notifications can be sent according to scheduling events (e.g. project creation, timecard reminders, changed assignments, etc.).



USER-DEFINED FIELDS AND FORMULAS

PSNext provides the ability to create an unlimited number of user-defined fields and formulas. Furthermore, for each field, a security level can be defined enabling the display of the field's content according to user rights. PSNext also provides over 100 pre-defined functions for use within formula definitions.

BENEFITS

TYPICAL ROLE USE :

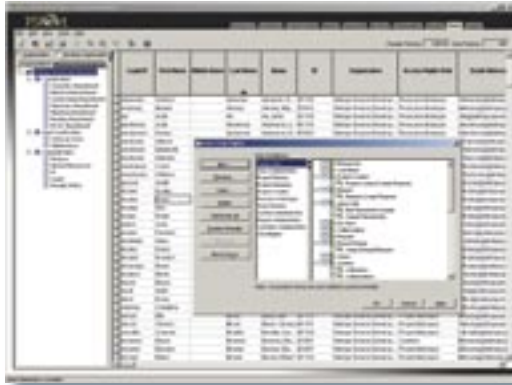
- PSNext administrator

KEY POINTS :

- Unlimited user-defined fields and formulas
- Interface customization
- Field-level security management
- Alarms and events notification management



ADMINISTRATION



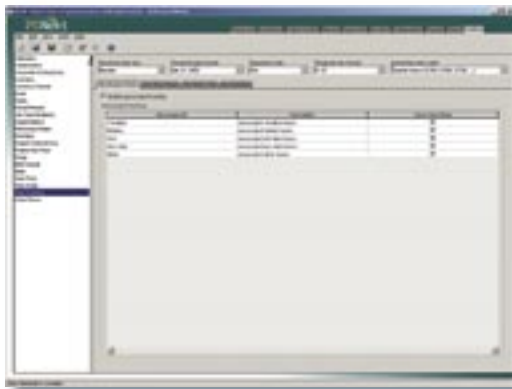
ACCESS RIGHTS

Rights determine which components are available to a user and what component functionality is enabled for the user. Creating a user or modifying an existing user's access rights is quick and intuitive with PSNext. Rights access can be simplified further by first defining "roles", each of which includes a set of access rights, and then assigning a specific role to a user.



WORK FLOWS

PSNext provides the ability to create project work flows which are used to manage the creation and approval of projects. A company can maintain control of projects by first defining required project data and where that project data can be modified. For example, project objectives and constraints could be made editable by the executive using the Project Control component but read-only to the project manager using the Planner component. Once the project has been approved, the executive can then release the project to a project manager for publishing.



MANAGEMENT RULES

Timesheet rules can be created and applied to each user to ensure that timesheets meet applicable corporate and government rules and regulations.

BENEFITS

TYPICAL ROLE USE :

- PSNext administrator

KEY POINTS :

- Complete role and access rights management
- Work flow definitions
- Timesheet management rules
- Centralized configuration

User Interface

- 10 independent components whose availability is controlled by user rights
- Navigation between components and views using a simple click
- Customization of several forms
- Contextual help available throughout program
- Management of multiple monetary currencies
- Default values for most fields
- Cut/Copy/Paste available throughout program
- Multi-level Planner Undo/Redo capability

User Roles, Access Rights, and Permissions

- Role-based definition and assignments
- Access rights by component
- Read/write access permissions for any organization branch, project, and work package

Resources Component

- Organization tree with unlimited* levels
- Job classification and skill trees with unlimited levels
- Unlimited definition of resources allocated to organization, job classification, and skill trees
- Working and published versions
- Variable availability and cost definitions
- Unlimited creation of user-defined fields, formulas, and filters
- Unlimited creation of time-phased user-defined fields (from hours to years)
- Centralized definition of RBS structure depending on organization tree
- Unlimited creation of calendars with four time periods per day, and allocation to projects, tasks, resources, cost items, and links
- Fiscal calendar management

Cost Items Component

- Unlimited definition of cost items allocated to organization tree
- Working and published versions
- Unlimited creation of cost items
- Fixed and variable costs
- Fully customizable user interface

Project Control Component

- Project creation and administration of the project work flow
- Complete customizable interface

Planner Component

- Quick project creation with use of project templates
- User permissions management assigned project-by-project
- Four project views and an unlimited number of project templates
- Five working and one published version of schedule
- Work package definition (work package can be independently managed)
- Duration time units ranging from minute to month
- WBS structure
- Start No Earlier Than dates and Required dates
- ASAP, ALAP, and Hammock scheduling
- Task and project priority definition
- Fully customizable spreadsheets
- Unlimited creation of user-defined fields, formulas, and filters
- Unlimited creation of time-phased user-defined fields
- Resource utilization view (single and multi-project)
- Cost items utilization view (single and multi-project)
- Approval view with tracking indicators
- Job classifications and skill-based assignments
- Smart "fulfill" tools to propose actual resource assignments based on job classifications, skills, and availability
- Automatic and multi-project leveling (options to level on selected tasks and between dates)
- Resource replacements
- Earned value management

Gantt Chart

- Three time axes (ranging from hours to years, and zoom capability)
- Manual and automatic column width adjustment
- Extend, move, and split tasks directly with a mouse
- Predecessor/successor links displayed on Gantt Chart
- Critical tasks, free, and total float display
- Fully customizable Gantt bars (colors, shapes, symbols)

- Fully customizable character fonts and colors
- Gantt bar labeling based on filters
- 10 baselines
- Unlimited creation of Gantt Chart styles (centralized corporate preferences)
- Ability to display user-defined fields on the Gantt Chart using any symbol

My Work Component

- Personal home page summarizing user-specific information
- My Gantt view displaying all tasks assigned to user
- My Calendar view allowing the user to submit personal calendar modifications
- Fully customizable timesheet
- Non-project task assignments (centralized definition of non-project tasks)
- Time entry rules assigned to individual resources
- Other tracking methods, including task management
- Ability to attach notes to entered time information

Approvals Component

- Home page summarizing information for managed resources
- Approve or rework for calendars and timesheets
- Ability to send notes to team member

Collaboration Component

- Ability to define user permissions for creation, administration, read, and write operations for any organizational branch and any project
- Topics management linked to an organization branch, a project, or a task
- Issue management including priority, due date, manager (issues can be displayed in Gantt Chart spreadsheet)
- Documentation management including read, save as, check-in/check-out and versioning management
- Automatically open documents depending on operating system

Reports Component

- Read-only and creation modes
- Unlimited creation of reports utilizing text, graphs, and Gantt Chart diagrams
- Fully graphical report editor
- Unlimited creation of bars/lines for graphics (choice

- of color, shape, and use of project, task, and resource filters for bars/lines)
- Unlimited insertion of loops in text reports
- Complete customization for any column
- Image insertion (GIF, JPG, BMP)
- Time-distributed reports
- Unlimited creation of report categories with permission management on all categories
- "Favorites" management

System Component

- Centralized management of all PSNext program parameters (organization structure, job classifications, skills, currencies, user-defined fields, formulas, filters, time entry rules, non-project tasks, corporate preferences, screen layouts, calendars, fiscal calendars, portfolios, and work flows)
- E-mail system management (send mail when creating a new project, assigning new resources, etc.)
- Ability to purge the database for inactive resources, users, and projects

Users Component

- Role definition and access rights management
- Automatic creation of users from resources (and vice-versa)

Printing

- All views can be printed to either printers or to a PDF file (PDF generator included)
- Page layouts with legends
- Creation of headers/footers
- Print preview
- Snapshot function to copy any graphical view to the clipboard or to a file (EMF, JPG, PNG, PDF)

Multi-Projects

- All components are multi-project integrated
- Multi-project Gantt Charts
- Fully customizable inter-project links

Importing/Exporting

- Read/write XML files (fully compatible with Microsoft Project 2002/2003)
- Reports and all preferences can be saved into files in order to migrate from one database to another
- Full API available upon request to read/write PSNext data

* Any use of "Unlimited" represents that PSNext imposes no explicit software limitations. However, limits do exist due to operating systems limitations, RAM, and disk space availability.



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PSNext System Requirements

PSNext is a multi-tier client-server system. The PSNext server software requires the use of an application server and a database server.

SERVERS

Application server

- Apache Tomcat 4 or later release
- BEA WebLogic platform (minimum of Express 7 or later release)
- IBM WebSphere Application Server (minimum of Express 5 or later release)

PSNext can also work with other J2EE compliant application servers, but Sciforma Corporation provides only "best effort" support for application servers that we have not yet tested with PSNext. Since we will be testing and supporting additional application servers in accordance with market demand, please contact us if your preferred application server is not listed here.

Database

- Microsoft SQL Server 2000 (JNetDirect or BEA JDBC driver)
- Oracle8i Database 8.1.7 (Oracle JDBC driver)
- Oracle9i Database 9.2.0.1 (Oracle JDBC driver)
- IBM DB2 Universal Database 8 (IBM JDBC driver)

Other database servers and JDBC drivers are being tested and supported in accordance with market demand. Please call if your preferred database server or JDBC driver is not listed here.

Installing PSNext on the application server

PSNext's installation program and Configuration Utility make installing PSNext a straightforward process. After installing the PSNext files, the application server's administration utility is used to deploy PSNext. The PSNext Configuration Utility is then used to create PSNext domains based on connection parameters that you have entered for your database.

CLIENTS

Environment requirements

- Operating system: Microsoft Windows 98, NT4, 2000 or XP
- RAM: 128 MB minimum
- Disk Space: 150 MB minimum available for PSNext
- Screen Resolution: 1024 x 768 minimum

PSNext can also work in other client environments in which J2SE compliant support is available, but Sciforma Corporation provides only "best effort" support for client environments in which we have not yet tested PSNext. Please contact Sciforma Corporation for additional information if you would like to use the PSNext client under an operating system other than those listed above.

Installing PSNext on client machines

PSNext installation on Microsoft Windows clients is fully automatic. Users open their web browsers and enter the URL that points to the PSNext installation on your server. PSNext will then verify that the client has the necessary Java runtime environment installed. If not, PSNext will download and install the correct Java runtime environment on the client machine.

The PSNext client can be run in either a web browser or as a standalone application using the Java Web Start environment. Communication between client and server is performed using either HTTP or HTTPS (SSL) protocols.

User authentication is supported by the application server, which will typically be configured to use the same authentication system used for network logins. For example, application servers typically interface with LDAP-capable authentication systems, such as Microsoft Active Directory.