# HP Project and Portfolio Management Center

Software Version: 9.30

**HP-Supplied Entities Guide** 



Document Release Date: September 2014 Software Release Date: September 2014

## **Legal Notices**

#### Warranty

The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. The information contained herein is subject to change without notice.

### **Restricted Rights Legend**

Confidential computer software. Valid license from HP required for possession, use or copying. Consistent with FAR 12.211 and 12.212, Commercial Computer Software, Computer Software Documentation, and Technical Data for Commercial Items are licensed to the U.S. Government under vendor's standard commercial license.

### **Copyright Notice**

© Copyright 1997 - 2014 Hewlett-Packard Development Company, L.P.

### **Trademark Notices**

Adobe® is a trademark of Adobe Systems Incorporated. Microsoft® and Windows® are U.S. registered trademarks of Microsoft Corporation. UNIX® is a registered trademark of The Open Group.

## Documentation Updates

The title page of this document contains the following identifying information:

- Software Version number, which indicates the software version.
- Document Release Date, which changes each time the document is updated.
- Software Release Date, which indicates the release date of this version of the software.

To check for recent updates or to verify that you are using the most recent edition of a document, go to: http://h20230.www2.hp.com/selfsolve/manuals

This site requires that you register for an HP Passport and sign in. To register for an HP Passport ID, go to: http://h20229.www2.hp.com/passport-registration.html

Or click the New users - please register link on the HP Passport login page.

You will also receive updated or new editions if you subscribe to the appropriate product support service. Contact your HP sales representative for details.

The following table indicates changes made to this document since the last released edition.

### Support

Visit the HP Software Support Online web site at: http://www.hp.com/go/hpsoftwaresupport

This web site provides contact information and details about the products, services, and support that HP Software offers.

HP Software online support provides customer self-solve capabilities. It provides a fast and efficient way to access interactive technical support tools needed to manage your business. As a valued support customer, you can benefit by using the support web site to:

- Search for knowledge documents of interest
- Submit and track support cases and enhancement requests
- Download software patches
- Manage support contracts
- Look up HP support contacts
- Review information about available services
- Enter into discussions with other software customers
- Research and register for software training

Most of the support areas require that you register as an HP Passport user and sign in. Many also require a support contract. To register for an HP Passport ID, go to:

http://h20229.www2.hp.com/passport-registration.html

To find more information about access levels, go to:

http://h20230.www2.hp.com/new\_access\_levels.jsp

HP Software Solutions Now accesses the HPSW Solution and Integration Portal Web site. This site enables you to explore HP Product Solutions to meet your business needs, includes a full list of Integrations between HP Products, as well as a listing of ITIL Processes. The URL for this Web site is http://h20230.www2.hp.com/sc/solutions/index.jsp

## Contents

Chapter 1: HP-Supplied Reports	6
Chapter 2: HP-Supplied Portlets	
Chapter 3: Portlet Examples	
ALM Category	42
ALM - Deployed Releases	
ALM - My Releases	
ALM - My RFCs	43
ALM - Open Releases	
ALM - Open RFCs	
ALM - Releases	
ALM - Releases By Category	
ALM - Releases By Type	45
ALM - RFCs By Category	
ALM - RFCs By Reason for Change	46
ALM - RFCs By Status	
ALM - RFCs per Release	47
Financial Management Category	
Capitalized Project Breakdown	
Financial Comparison	
Financial Summary to Financial Data Comparison	49
Program Cost Summary	50
Project Cost Summary	51
Project Current Cost Metrics	
Packages Category	
My Packages	
Package List	
Package Summary Bar Chart	53
Package Summary Pie Chart	
Portfolio Management Category	54
Budget by Asset Class	
Capitalized Project Breakdown	
Cost Benefit Analysis	
Current Portfolio Map	

Portfolio by Category	
Total Budget	
Program Management Category	
Issue List	
Program Contents List	
Program Cost Summary	
Program List	
Program Risk List	61
Program Scope Change List	61
Project Management Category	61
My Tasks	
Program Contents List	
Project Gantt	62
Project Health Pie Chart	63
Project List	63
Project Timelines	63
Resource Gantt	64
Summary Task List	64
Requirement Trends	
Open Defect Trends	65
Priority Defect Trends	66
Project Quality Scorecard	
Requests Category	67
Consolidated Demand	67
Demand by Category	
Demand List	68
Issue List	
My Requests	69
Open Requests by Priority	
Program Risk List	70
Program Scope Change List	70
Request List	70
Request Summary	71
SLA Exception Roll Up	71
Resource Management Category	
Analyze Assignment Load	
Analyze Resource Pools	73
Resource Pool List	73
Resource Request Portlet	74

Staffing Profile List	74
Time Management Category	74
Approve Time Sheets	74
My Tasks	75
My Time Sheets	75
My Work Items	75
Chapter 4: HP-Supplied Request Types	76
Chapter 5: HP-Supplied Workflows	78
Send Documentation Feedback	81

## Chapter 1: HP-Supplied Reports

The following table lists the reports provided as part of PPM Center. Availability depends on having the applicable licenses, security group assignment, access grants, and products.

In the table, the subheadings are alphabetized categories, and the reports are alphabetized within each category. The table indicates which reports are available in two categories, and such reports are described in more detail in the first of the two categories.

**Note:** Users must have the System: Submit Reports access grant to view or submit any report, in addition to required security groups shown in the following table.

Report Name	Required License	Required Security Group	Description
Administrative c	ategory	·	
Contact Synchronization	Configuration	<ul> <li>One or more of the following security groups:</li> <li>PPM Administrator</li> <li>PPM All Access Grants</li> <li>PPM Billing Manager</li> <li>PPM Cost Manager</li> <li>PPM Demand Manager</li> <li>PPM Demand Manager</li> <li>PPM Deployment Manager</li> <li>PPM Program Manager</li> <li>PPM Project Manager</li> <li>PPM Resource Manager</li> <li>PPM Service Security Group</li> <li>PPM Time Manager</li> <li>PPM Time Manager</li> <li>PPM User</li> <li>PPM User Admini Straton</li> </ul>	Ensures that contacts are properly defined. Detects all users with no corresponding contact record, and creates one for them. Also corrects discrepancies between user and contact data. Also available for the Resource Management category.

Report Name	Required License	Required Security Group	Description
Data Source Detail	Configuration		Shows the configuration details of one or more data sources. Provides all filter fields, displayed columns, query, and what uses each data source.
Import Requests	Configuration		Validates and loads request data from the open interface tables into the data model.
Import Users	User Administration		Imports data from the user interface tables or an LDAP server.
Lookup Types	Configuration		Shows the configuration details of one or more lookups.
Notification History	Configuration		Shows notifications that have been sent or are pending.
Object Type Detail	Configuration		Shows the configuration details of one or more object types. Includes detailed information about each field and command associated with selected object types. Also useful for debugging deployment problems.
Overview Section Detail	Configuration		Shows the configuration details of one or more Overview Sections. Provides all filter fields, displayed columns, query, security, URLs, and which users use each Overview Section.
Portlet Definition Detail	Configuration		Shows the configuration details of one or more Portlet Definitions. Details all preferences, display options, access, and help for each Portlet Definition.

Report Name	Required License	Required Security Group	Description
Portlet Performance	User Administration		<ul> <li>Shows one or both of the following set of performance results for a page or selected portlets:</li> <li>Aggregated average execution time, and maximum, minimum, and total time to invoke the page or portlets</li> <li>Information about the page</li> </ul>
			or portlet with the worst execution time.
Report Type Detail	Configuration		Shows the configuration details of one or more report types. Includes detailed information about each field and command associated with selected report types. Also useful for debugging report submission problems.
Request Header Type Detail	Configuration		Shows the configuration details of one or more request header types. Useful for auditing your setup as well as debugging problems related to specific request header types.
Request Type Detail	Configuration		Shows the configuration details of one or more request types. Details all custom fields, possible statuses, default logic, and commands for each request type.
Run Field Security Denormalization	Configuration		Runs field-level security- related denormalization tasks for particular entities.
Run PPM Organization Unit Interface	User Administration		Imports data from the organization unit interface tables or an LDAP server.

Report Name	Required License	Required Security Group	Description
Run PPM Package Interface	Configuration		Validates and loads package data from the open interface tables into the data model.
Run Workflow Transaction Interface	Configuration		Validates and runs workflow transactions based on data present in the workflow open interface tables. Used to kick off process steps from outside the end-user screens.
Security Group Detail	User Administration		Shows the configuration details of one or more security groups. Includes user membership, workflow step access, and screen access levels for each selected group.
SOX - Security Change	Any		Provides the history of security changes.
SOX - Security Validation	Any		Lists users with multiple roles through security groups linked to workflow steps.
Special Command Detail	Any		Shows the configuration details of one or more special commands. Useful for debugging execution problems.
Synchronize Meta Layer	Configuration		Assesses or synchronizes the Meta Layer.
Translation Details	Configuration		For the languages and entity types or particular entities you select, shows the entity name highlighted in its definition language and translations to any other selected languages.

Report Name	Required License	Required Security Group	Description	
Translation Summary	Configuration		For the languages and entity types you select, shows the entity name, the language in which it is defined, and the other languages to which it has been translated or partially translated.	
User Data Detail	Configuration		Shows the definition of custom user data fields. Output is grouped by user data entity and lists all fields for each entity and any referenced validations.	
User Detail	User Administration		Shows the configuration details of one or more users. Includes header details as well as security group membership. Also available for the Resource Management category.	
Validations	Configuration		Shows the configuration details of one or more validations.	
Workflow Detail	Configuration		Shows the configuration details of one or more workflows. Includes all workflow steps and their possible outcomes, transitions, and notifications. Also useful for analyzing workflow processes.	
Workflow Statistics	Configuration		Shows workflow statistics, such as percent usage of a particular workflow, average/maximum/minimum completion times, percent step traversal, and so forth.	
Demand Manage	Demand Management category			

Report Name	Required License	Required Security Group	Description
ALM - Change Summary	Demand Management		Provides a list of requests for change (RFCs) that have been implemented, grouped by change category. Availability requires installation of Application Lifecycle Management (ALM) software.
ALM - Forward Schedule of Changes for RFC	Demand Management		Serves as a key report in the change management process. Provides a list of all the RFCs that are scheduled to be implemented. Availability requires installation of ALM software.
ALM - Forward Schedule of Releases	Demand Management		Serves as a key report in the release management process. Provides a list of all releases that are scheduled to be implemented into the LIVE environment. Availability requires installation of ALM software.
ALM - Release Content	Demand Management		Provides a list of RFCs that have been incorporated into a release. Availability requires installation of ALM software.
ALM - Release Summary	Demand Management		Provides a list of releases that have been implemented. Availability requires installation of ALM software.
Contact Detail	Demand Management		Shows the details of one or more contacts.
Demand Creation History	Demand Management		Shows the demand creation history by period and by various demand fields. Useful for exporting request data to Microsoft® Excel or other data analysis tools.

Report Name	Required License	Required Security Group	Description
Historical SLA Violations	Demand Management		Shows the historical SLA violations period by various demand categories. Useful for exporting request data to Microsoft Excel or other data analysis tools.
Request Detail	Demand Management		Audits the details of one or more requests. Includes header and detail information, notes, and status for each selected request.
Request Detail (Filter by Custom Fields)	Demand Management		Audits the details of one or more requests, which can be filtered by a request type's custom field values. Includes header and detail information, notes, and status for each selected request.
Request History	Demand Management		Audits the transaction history of one or more requests. Details the complete history of the request workflow and fields configured for auditing, showing every status change (date, time, user responsible) for every step traversed.
Request Quick View	Demand Management		Shows a quick summary of open and closed requests, categorized by priority. Also shows request activity for the current week and other selected information.
Request Summary	Demand Management		Categorizes and tallies requests based on flexible criteria. Lists total counts, and optionally subtotal counts, for the categories selected.

Report Name	Required License	Required Security Group	Description
Request Summary (Filter by Custom Fields)	Demand Management		Categorizes and tallies requests based on flexible criteria. Lists total counts, and optionally subtotal counts, for the categories selected.
Satisfied Demand History	Demand Management		Shows satisfied demand history by period and by various demand fields. Useful for exporting request data to Microsoft Excel or other data analysis tools.
Deployment Mar	agement catego	ry	
Compare Custom Database Setup	Deployment Management		Compares custom aspects of two databases (either SQL Server or Oracle®). With this report it is possible to compare actual data as well as object definitions.
Compare Filesystem Environments	Deployment Management		Compares the directory structure and files of two computer file systems. Reports either all files or differences only, as filtered by owner, permissions, content, file type, or directory name.
Compare MS SQL Server 7 Environments	Deployment Management		Compares the data model and database objects (tables, views, procedures, and triggers) of two Microsoft SQL Server 7 databases. Reports either all objects or differences only.
Compare Oracle Environments	Deployment Management		Compares the data model (tables, indexes, and so forth) and database objects (packages, views, triggers, and so forth) of two Oracle schemas. Reports either all objects or differences only.

Report Name	Required License	Required Security Group	Description
Distribution Detail	Deployment Management		Shows the contents and results of a particular distribution of a release. Useful for a high-level view of a distribution and analyzing execution results.
Environment Comparison	Deployment Management		Compares the configuration details of multiple environments. Queries every main environment field and application specified, and reports differences.
Environment Comparison by Objects Migrated	Deployment Management		Compares the migration history of multiple environments. Lists objects that were migrated into one specified environment but not the other, and can also flag objects migrated into both environments but at different times.
Environment Detail	Deployment Management		Shows the configuration details of one or more environments. Includes attributes of environment hosts, databases, and applications. Encrypted passwords are not displayed.

Report Name	Required License	Required Security Group	Description
Environment Group Detail	Deployment Management	One or more of the following security groups:	Shows the configuration details of one or more
		PFM - Finance Review     Board	environment groups. Details the environments and applications encompassed by
		PFM - IT Steering     Committee	the group.
		PFM - Standards     Committee	
		PPM 6.0 Upgrade     Workbench Access	
		PPM Administrator	
		PPM All Access Grants	
		PPM Billing Manager	
		PPM Cost Manager	
		PPM Demand     Management Administrator	
		PPM Demand Manager	
		PPM Deployment     Management Administrator	
		PPM Program Manager	
		PPM Project Manager	
		PPM Resource Manager	
		PPM Service Security     Group	
		PPM Team Manager	
		PPM Time Administrator	
		PPM Time Manager	
		PPM User	

Report Name	Required License	Required Security Group	Description
		PPM User Admin	
Environments /Objects Detail	Deployment Management		Tracks migration activity in a specific environment. Lists objects that have been migrated to one or more specified environments, grouped by environment.
Object History	Deployment Management		Tracks the movement of specific types of objects through your processes. Lists all executions for a given object type and date range.
Objects /Environments Detail	Deployment Management		Tracks migration activity in a specific environment. Lists objects that have been migrated to one or more specified environments, grouped by object type.
Package Change History	Deployment Management		Audits the package changes and includes assignment information, line order, and line details for each selected package.
Package Details	Deployment Management		Audit the details of one or more packages. Includes header information, notes, and line details for each selected package.
Package History	Deployment Management		Audits the transaction history of one or more packages. Details the complete workflow history for each package line, showing every status change (date, time, user responsible) for every step traversed.

Report Name	Required License	Required Security Group	Description
Package Impact Analysis	Deployment Management		Analyzes the impact of a given package based on audit history. Lists information such as other packages containing the same objects, missing objects that were potentially relevant in previous packages, and so forth.
Packages Pending	Deployment Management		Generates a worklist of packages pending user action. Lists key details about open packages with pending activity, facilitating work prioritization, monitoring, and quick action decisions.
RCS Check In	Deployment Management		If you use PPM Center and RCS, checks a file into the RCS repository.
RCS Check Out	Deployment Management		If you use PPM Center and RCS, checks out a file from RCS repository.

Report Name	Required License	Required Security Group	Description
Release Detail	Deployment Management	One or more of the following security groups:	Shows the contents of a release. Lists all requests,
		PFM - Finance Review     Board	packages, and distributions associated with a release.
		PFM - IT Steering     Committee	
		PFM - Standards     Committee	
		PPM 6.0 Upgrade: Workbench Access	
		PPM Administrator	
		PPM All Access Grants	
		PPM Billing Manager	
		PPM Cost Manager	
		PPM Demand     Management Administrator	
		PPM Demand Manager	
		PPM Deployment     Management Administrator	
		PPM Program Manager	
		PPM Project Manager	
		PPM Resource Manager	
		PPM Service Security     Group	
		PPM Team Manager	
		PPM Time Administrator	
		PPM Time Manager	
		PPM User	

Report Name	Required License	Required Security Group	Description
		PPM User Admin	
Release Notes	Deployment Management		Audits all requests and packages contained in a release. Can be used to create a list of bugs fixed and patches applied within a specific release.
Financial Manag	ement category	'	
Project Cost Breakdown	Project Management		Shows the costs for the project and the activities with which the costs are associated. Labor and non-labor costs are included in the totals.
			Also available for the Project Management category.
Project Cost Details	Project Management		Shows cost details for a project.
			Also available for the Project Management category.
Project Manager	nent category		
Baseline Comparison	Project Management		Compares the current schedule to a baseline or compares baselines.
Project Cost Breakdown			See "Project Cost Breakdown" above in the Financial Management category.
Project Cost Details			See "Project Cost Details" above in the Financial Management category.
Resource Manag	jement category	·	
Contact Synchronization			See "Contact Synchronization" on page 7 in the Administrative category.

Report Name	Required License	Required Security Group	Description
User Detail			See "User Detail " on page 11 in the Administrative category.
Work Allocation Details	Time Management		Shows information about work allocations from HP Time Management.
			Also available for the Time Management category.
Time Manageme	nt category		
Actual Time Summary	Time Management		Shows actual time information by a variety of groupings and filters.
Delinquent Time Sheets	Time Management		Shows information about delinquent time sheets.
Time Sheet Details	Time Management		Shows detailed information for one or more time sheets. Includes work item information and time reported against each work item.
Time Sheet Summary	Time Management		Shows time sheet information by a variety of groupings and filters.
Work Allocation Details			See "Work Allocation Details" above in the Resource Management category.

## Chapter 2: HP-Supplied Portlets

The following table lists the portlets provided as part of PPM Center. Availability depends on having the applicable access grants and products.

In the table, the subheadings are alphabetized categories, and the portlets are alphabetized within each category. The table indicates which portlets are available in two categories, and such portlets are described in more detail in the first of the two categories.

Many of the portlet names in the table are links to corresponding example screen images in "Portlet Examples" on page 42.

#### Note:

- Portlets in the Project Overview category are not described in this document. Unlike portlets in other categories, portlets in the Project Overview category cannot be viewed on the Dashboard. They can be viewed only on the Project Overview page of a project. For information about them, see the *HP Project Management User's Guide*.
- For both portlets in PPM Center dashboard and Portlets in the Project Overview category, clicking **Export to Excel** exports portlet data to a Microsoft Excel file (not an HTML page), which enables you to process your data by using more Excel functions, such as format and calculation.

Portlet Name	Required Access Grant	Description	
[no category]			
Resource Assignments	<ul> <li>One or more of the following Resource Mgmt: access grants:</li> <li>Edit All Resources</li> <li>Edit only resources that I manage</li> <li>View all resources</li> <li>View my personal resource info only</li> </ul>	Shows the packages, requests, and tasks assigned to a set of users.	
ALM category (Availability requires installation of ALM software.)			

Portlet Name	Required Access Grant	Description
"ALM Category" on page 42	Access restricted to members of the ALM - Release Manager security group	Lists recently deployed releases.
"ALM - My Releases" on page 42	Access restricted to members of the ALM - Release Manager security group	Lists release requests that have been created by or assigned to the logged-on user.
"ALM - My RFCs" on page 43	Access restricted to members of the ALM - Change Manager security group	Lists RFCs that have been created by or assigned to the logged-on user.
"ALM - Open Releases" on page 43	Access restricted to members of the ALM - Release Manager security group	Lists releases that do not have the status of <b>Closed.</b>
"ALM - Open RFCs" on page 44	Access restricted to members of the ALM - Change Manager security group	Lists RFCs that are currently being worked on.
"ALM - Releases" on page 44	None. HP recommends that you configure this portlet to restrict access to members of the ALM - Release Manager security group.	Lists release requests. If PPM Center is integrated with HP Change Control Management, the portlet provides a link for each request to log in to HP Change Control Management, where various tabs provide information about the request.
"ALM - Releases By Category" on page 44	Access restricted to members of the ALM - Release Manager security group	Shows a pie chart with the percentage of releases in each category.
ALM - Releases By List	Access restricted to members of the ALM - Release Manager security group	Lists releases that meet the specified portlet preferences.
"ALM - Releases By Type" on page 45	Access restricted to members of the ALM - Release Manager security group	Shows a pie chart with the percentage of releases of each type.
"ALM - RFCs By Category" on page 45	Access restricted to members of the ALM - Change Manager security group	Shows a pie chart with the percentage of RFCs in each category.
"ALM - RFCs By Reason for Change" on page 46	Access restricted to members of the ALM - Change Manager security group	Shows a pie chart with the percentage of RFCs by each type of change being considered (for example, new feature, enhancement, or defect fix).

Portlet Name	Required Access Grant	Description
"ALM - RFCs By Status" on page 47	None. HP recommends that you configure this portlet to restrict access to members of the ALM - Change Manager security group.	Shows a pie chart with the percentage of RFCs of each status.
ALM - RFCs By Status - List	Access restricted to members of the ALM - Change Manager security group	Lists RFCs that meet the specified portlet preferences.
"ALM - RFCs per Release" on page 47	Access restricted to members of the ALM - Release Manager security group	Lists the RFCs that constitute a release.
Financial Manager	nent category	
"Capitalized Project Breakdown" on page 48	One or more of the following Portfolio Mgmt: access grants: • View All Portfolios • Edit All Portfolios	Shows a list of projects that meet your filter criteria, with capitalized cost information. If you want this portlet to list the source data for any of the graphical Capitalized Project Timelines, Impairment Risks, or Total Exposure portlets, use the same filter criteria in this portlet and those. Also available for the Portfolio Management category.
Capitalized Project Timelines	One or more of the following Portfolio Mgmt: access grants: • View All Portfolios • Edit All Portfolios	Shows a Gantt chart for projects with capitalized costs, with start date, end date, and health of each project. Also available for the Portfolio Management category.
"Financial Comparison" on page 48	<ul> <li>One or more of the following Financial Mgmt: access grants:</li> <li>View Costs on All Financial Summaries</li> <li>Edit Costs on All Financial Summaries</li> </ul>	Shows a bar chart that compares the forecast or Plan of Record (POR) of one or more lifecycle entities to the forecast or actuals of the same or different set of lifecycle entities.

et Name Required Access Grant Description	
Ŭ U	art that compares the lals of one or more lifecycle cial data tables.
<ul> <li>Portfolio Mgmt: access grants: have capitalized health and sorte</li> <li>View All Portfolios</li> </ul>	art of active projects that d costs, chosen by project ed by project. or the Portfolio Management
nary" on Financial Mgmt: access grants: and total costs a	m's planned labor, non-labor, and corresponding actuals. or the Program Management
	t's planned labor, non-labor, and corresponding actuals, ed value data.
ect Current Metrics" on 52One or more of the following Financial Mgmt: access grants: • Edit Work Plan Cost Data • View Project, Program, and Time Sheet Cost DataAnalyzes current 	nt cost metrics for projects.
<ul> <li>Portfolio Mgmt: access grants: have capitalized of the project.</li> <li>View All Portfolios</li> </ul>	art of active projects that d costs, grouped by the health or the Portfolio Management

Portlet Name	Required Access Grant	Description
"My Packages" on page 52	One or more of the following Deployment Mgmt: access grants: • Edit All Packages	Shows all packages created by, or assigned to, the current user. Provides the ability to drill down on any package to view its details, such as the workflow status and package lines.
	<ul><li>Edit Packages</li><li>View Packages</li></ul>	
Package Activity	One or more of the following Deployment Mgmt: access grants: • Edit All Packages • Edit Packages • View Packages	Shows activity information about the number of deployments (package line execution step transactions) completed during the last three weeks. Provides the ability to drill down to any object type or environment to view the included packages.
"Package List" on page 53	One or more of the following Deployment Mgmt: access grants: • Edit All Packages • Edit Packages • View Packages	Shows general information about PPM Center packages, such as their description and status.
Package References	One or more of the following Deployment Mgmt: access grants: • Edit All Packages • Edit Packages • View Packages	Shows the references that are attached to the package based on filters such as reference types, relationship, and the time period when they were added.
"Package Summary Bar Chart" on page 53	One or more of the following Deployment Mgmt: access grants: • Edit All Packages • Edit Packages • View Packages	Shows a bar chart summary of packages.

Portlet Name	Required Access Grant	Description
"Package Summary Pie Chart" on page 54	One or more of the following Deployment Mgmt: access grants: • Edit All Packages • Edit Packages • View Packages	Shows a pie chart summary of packages.
Pending Deployment	One or more of the following Deployment Mgmt: access grants: • Edit All Packages • Edit Packages • View Packages	Shows general information about packages that have not been deployed and provides visibility into scheduled or required package migration.
Portfolio Managen	nent category	
"Budget by Asset Class" on page 54	<ul> <li>One or more of the following Portfolio Mgmt: access grants:</li> <li>Edit All Scenario Comparisons</li> <li>Edit Scenario Comparison</li> <li>View Scenario Comparison</li> </ul>	Shows a bar chart of the breakdown of budget by asset class for a what-if scenario from an existing scenario comparison.
Budget by Business Objective	<ul> <li>One or more of the following Portfolio Mgmt: access grants:</li> <li>Edit All Scenario Comparisons</li> <li>Edit Scenario Comparison</li> <li>View Scenario Comparison</li> </ul>	Shows a bar chart of the breakdown of budget by business objective for a what-if scenario from an existing scenario comparison.

Portlet Name	Required Access Grant	Description
Budget by Project Class	One or more of the following Portfolio Mgmt: access grants: • Edit All Scenario Comparisons • Edit Scenario Comparison • View Scenario Comparison	Shows a bar chart of the breakdown of budget by project class for a what-if scenario from an existing scenario comparison.
Budget Summary	One or more of the following Portfolio Mgmt: access grants: • Edit All Scenario Comparisons • Edit Scenario Comparison • View Scenario Comparison	Shows a stacked bar chart of operating expenses and capital expenses for a what-if scenario from an existing scenario comparison.
"Capitalized Project Breakdown" on page 56		See Capitalized Project Breakdown in the Financial Management category.
Capitalized Project Timelines		See Capitalized Project Timelines in the Financial Management category.
"Cost Benefit Analysis" on page 56	One or more of the following Portfolio Mgmt: access grants: • Edit All Scenario Comparisons • Edit Scenario Comparison • View Scenario Comparison	Shows a bar chart of cost/benefit analysis for a what-if scenario from an existing scenario comparison.
"Current Portfolio Map" on page 57	One or more of the following Portfolio Mgmt: access grants: • View All Portfolios • Edit All Portfolios	For the current portfolio of all proposals, projects, and assets, shows a bubble chart that is highly configurable in terms of the metrics represented by the horizontal and vertical axes and by the sizes and colors of the bubbles.
Impairment Risks		See "Impairment Risks" on page 25 in the Financial Management category.

Portlet Name	Required Access Grant	Description
"Portfolio by Category" on page 57	One or more of the following Portfolio Mgmt: access grants: • View All Portfolios • Edit All Portfolios	Shows a bar chart of monetary metrics for the proposals, projects and assets in the current portfolio, ordered by a selected category.
"Total Budget" on page 59	One or more of the following Portfolio Mgmt: access grants: • Edit All Scenario Comparisons • Edit Scenario Comparison • View Scenario Comparison	Shows a line graph, per period, of the budget requirement and availability for all the what-if scenarios from an existing scenario comparison.
Total Exposure		See "Total Exposure" on page 25 in the Financial Management category.
Total Resource	One or more of the following Portfolio Mgmt: access grants: • Edit All Scenario Comparisons • Edit Scenario Comparison • View Scenario Comparison	Shows a line graph, per period, of the resource requirement and availability for all the what-if scenarios from an existing scenario comparison.
Program Manager	nent category	I
"Issue List" on page 59	One or more of the following Demand Mgmt: access grants: • Edit All Requests • Edit Requests • View Requests	Lists the open issues for a program. Also available for the Requests category.
"Program Contents List" on page 60	One or more of the following PMO: access grants: • Edit All Programs • Edit Programs • View Programs	Shows proposals, projects, and assets within a specified program. Also available for the Project Management category.

Portlet Name	Required Access Grant	Description
"Program Cost Summary" on page 60		See Program Cost Summary in the Financial Management category.
"Program List" on page 60	One or more of the following PMO: access grants: • Edit All Programs • Edit Programs • View Programs	Displays the programs and their summary conditions.
"Program Risk List" on page 61	One or more of the following Demand Mgmt: access grants: • Edit All Requests • Edit Requests • View Requests	Shows open risks associated with a program. Also available for the Requests category.
"Program Scope Change List" on page 61	One or more of the following Demand Mgmt: access grants: • Edit All Requests • Edit Requests • View Requests	Shows open scope change requests associated with a program. Also available for the Requests category.
Project Managemo	ent category	
"My Tasks" on page 61	One or more of the following Project Mgmt: access grants: • Edit All Projects	Shows all of the project tasks assigned to the user that have status of Ready or In Progress and a scheduled start date within two weeks of the current date. Also available for the Time Management
	<ul><li>Edit Projects</li><li>Update Tasks</li><li>View Projects</li></ul>	category.
"Program Contents List" on page 62		See Program Contents List in the Program Management category.

Portlet Name	Required Access Grant	Description
"Project Gantt" on page 62	One or more of the following Project Mgmt: access grants: • Edit All Projects • Edit Projects • Update Tasks • View Projects	Shows a Gantt chart of projects, tasks, and milestones and can be configured based on such criteria as project and task states, and schedule. Provides the ability to drill down into project and task details.
"Project Health Pie Chart" on page 63	One or more of the following Project Mgmt: access grants: • Edit All Projects • Edit Projects • Update Tasks • View Projects	Shows a pie chart summary of projects by health.
"Project List" on page 63	One or more of the following Project Mgmt: access grants: • Edit All Projects • Edit Projects • Update Tasks • View Projects	Shows general information about PPM Center projects, such as how close they are to completion and their scheduled finish date.
"Project Timelines" on page 63	One or more of the following Project Mgmt: access grants: • Edit All Projects • Edit Projects • Update Tasks • View Projects	Shows an overview of the timelines for a set of projects.

"Resource Gantt"		•
n page 64	One or more of the following access grants:Demand Mgmt:Edit All RequestsEdit RequestsView RequestsView RequestsEdit All Project Mgmt:Edit All ProjectsEdit ProjectsUpdate TasksView ProjectsEdit All ResourcesEdit All ResourcesEdit All ResourcesEdit All ResourcesEdit All ResourcesView all resourcesView all resourcesView my personal resource info only	Shows a Gantt chant reflecting the work Items (including requests, tasks, milestones, and staffing profiles) assigned to selected resources. Provides the ability to drill down into work item details.
"Summary Task List" on page 64	One or more of the following Project Mgmt: access grants: • Edit All Projects • Edit Projects • Update Tasks • View Projects	Displays general information about summary tasks, such as how close they are to completion and their scheduled finish date.
Requests category		

Portlet Name	Required Access Grant	Description
Assignment Queue	One or more of the following Demand Mgmt: access grants: • Edit All Requests • Edit Requests • View Requests	Provides quick assignment capabilities from the PPM Dashboard for demand managers.
"Consolidated Demand" on page 67	One or more of the following Demand Mgmt: access grants: • Edit All Requests • Edit Requests • View Requests	Shows the demand placed on the user's organization.
"Demand by Category" on page 67	One or more of the following Demand Mgmt: access grants: • Edit All Requests • Edit Requests • View Requests	Shows the demand placed on an organization that can be grouped by common demand categories.
"Demand List" on page 68	One or more of the following Demand Mgmt: access grants: • Edit All Requests • Edit Requests • View Requests	Provides a personalizable list of the demand placed on an organization or individual.
"Issue List" on page 68		See Issue List in the Program Management category.
"My Requests" on page 69	One or more of the following Demand Mgmt: access grants: • Edit All Requests • Edit Requests • View Requests	Shows all requests created by or assigned to the current user and provides a critical view into the most pressing requests and approaching deadlines.

Portlet Name	Required Access Grant	Description
"Open Requests by Priority" on page 69	One or more of the following Demand Mgmt: access grants: • Edit All Requests • Edit Requests • View Requests	Shows the number of requests currently open, grouped by priority.
"Program Risk List" on page 70		See Program Risk List in the Program Management category.
"Program Scope Change List" on page 70		See Program Scope Change List in the Program Management category.
Request Activity	One or more of the following Demand Mgmt: access grants: • Edit All Requests • Edit Requests • View Requests	Shows general activity information about PPM Center requests, such as the number of requests opened and closed during the last two weeks, and the number of open requests.
"Request List" on page 70	One or more of the following Demand Mgmt: access grants: • Edit All Requests • Edit Requests • View Requests	Shows general information about PPM Center requests, such as their description and status.
Request References	One or more of the following Demand Mgmt: access grants: • Edit All Requests • Edit Requests • View Requests	Shows the references that are attached to the request based on filters such as Reference Types, Relationship, and the time period when they were added.

Portlet Name	Required Access Grant	Description
"Request Summary" on page 71	One or more of the following Demand Mgmt: access grants: • Edit All Requests • Edit Requests • View Requests	Shows information about groups of PPM Center requests, such as their priority, type, status, and the total number of requests for each category. Provides the ability to drill down to detailed requests.
Request Summary Bar Chart	One or more of the following Demand Mgmt: access grants: • Edit All Requests • Edit Requests • View Requests	Shows a bar chart that summarizes requests.
Request Summary Pie Chart	One or more of the following Demand Mgmt: access grants: • Edit All Requests • Edit Requests • View Requests	Shows a pie chart that summarizes requests.
"SLA Exception Roll Up" on page 71	One or more of the following Demand Mgmt: access grants: • Edit All Requests • Edit Requests • View Requests	Shows the open requests that have triggered SLA exceptions.
Resource Management category		

Portlet Name	Required Access Grant	Description
"Analyze Assignment Load" on page 72	<ul> <li>One or more of the following Resource Mgmt: access grants:</li> <li>Edit All Resources</li> <li>Edit only resources that I manage</li> <li>View all resources</li> <li>View my personal resource info only</li> </ul>	Compares the workload for a group of resources against their capacity on the resources' calendars.
"Analyze Resource Pools" on page 73	One or more of the following Resource Mgmt: access grants: • Edit All Resource Pools • Edit Resource Pools • View All Resource Pools • View Resource Pools	Compares the anticipated demand for resources (from the staffing profiles) against the projected capacity of those resources (from a resource pool).
"Resource Pool List" on page 73	One or more of the following Resource Mgmt: access grants: • Edit All Resource Pools • Edit Resource Pools • View All Resource Pools • View Resource Pools	Shows the list of resource pools.
"Resource Request Portlet" on page 74		Shows the list of staffing profile positions to be fulfilled by a resource pool manager.

Portlet Name	Required Access Grant	Description
"Staffing Profile List" on page 74	One or more of the following Resource Mgmt: access grants: • Edit All Staffing Profiles • Edit Staffing Profiles • View All Staffing Profiles • View Staffing Profiles	Shows the list of staffing profiles.
Time Management	t category	
"Approve Time Sheets" on page 74	Time Mgmt: Approve Time Sheets	Shows all the time sheets that have time sheet lines you can approve.
"My Tasks" on page 75		See My Tasks in the Project Management category.
"My Time Sheets" on page 75	One or more of the following Time Mgmt: access grants: Approve Time Sheets Close Time Sheets Edit Time Sheet Policies Edit Time Sheets View All Time Sheets (Summary Info Only) View Time Sheets View Time Sheets	Shows your time sheets that cover the number of time periods you specify.

Portlet Name	Required Access Grant	Description
"My Work Items" on page 75	One or more of the following Time Mgmt: access grants: • Approve Time Sheets • Close Time Sheets • Edit Time Sheet Policies • Edit Time Sheets • View All Time Sheets (Summary Info Only) • View Time Sheet Policies • View Time Sheets	Lists all the work items on the user's open time sheets, providing a snapshot of what the user has been working on and to what he has been charging time.
Time Sheet Totals by Resource	One or more of the following Time Mgmt: access grants: Approve Time Sheets Close Time Sheets Edit Time Sheet Policies Edit Time Sheets View All Time Sheets (Summary Info Only) View Time Sheet Policies View Time Sheets	Shows the time charged by a set of resources, displaying the level of activity (by time) in the current and previous time periods for those users.

Portlet Name	Required Access Grant	Description
Time Sheet Totals by Resource Group	One or more of the following Time Mgmt: access grants: • Approve Time Sheets • Close Time Sheets • Edit Time Sheet Policies • Edit Time Sheets • View All Time Sheets (Summary Info Only) • View Time Sheet Policies • View Time Sheets	Shows the time charged by resource groups, summarizing the totals of all the resources in those groups, and displaying the level of activity (by time) in the current and previous time periods for those groups.
Time Sheet Totals by Work Item	One or more of the following Time Mgmt: access grants: Approve Time Sheets Close Time Sheets Edit Time Sheet Policies Edit Time Sheets View All Time Sheets (Summary Info Only) View Time Sheet Policies View Time Sheets	Shows detailed information on the time allocated to and the time charged for specific work items. Should not be used to display information for all work items but for a specific set based on filter criteria.

Portlet Name	Required Access Grant	Description
Time Sheet Totals by Work Item, Resource Group	One or more of the following Time Mgmt: access grants: Approve Time Sheets Close Time Sheets Edit Time Sheet Policies Edit Time Sheets View All Time Sheets (Summary Info Only) View Time Sheet Policies View Time Sheets	Shows the time charged by resource groups, summarizing the totals of all the resources in those groups, and splitting the data by each specific work item.
Time Sheet Totals for Direct Reports	One or more of the following Time Mgmt: access grants: Approve Time Sheets Close Time Sheets Edit Time Sheet Policies Edit Time Sheets View All Time Sheets (Summary Info Only) View Time Sheet Policies View Time Sheets	Shows the total time entered by all the direct reports for a manager or set of managers you specify.

Portlet Name	Required Access Grant	Description
Work Allocation Details	One or more of the following Time Mgmt: access grants: • Approve Time Sheets • Close Time Sheets • Edit Time Sheet Policies • Edit Time Sheets • View All Time Sheets (Summary Info Only) • View Time Sheet Policies • View Time Sheets	Shows summary information on the work allocations defined in the system. Especially useful to determine which allocations are nearly used up or actually over budget.
Work Item Set Actuals vs. Allocations	One or more of the following Time Mgmt: access grants: Approve Time Sheets Close Time Sheets Edit Time Sheet Policies Edit Time Sheets View All Time Sheets (Summary Info Only) View Time Sheet Policies View Time Sheets	Shows summary information at the Work Item Set level. Provides a snapshot of which projects or types of work you are spending the most time on, as well as where you have budgeted the most time.

# **Chapter 3: Portlet Examples**

The screen images in this chapter are examples of particular portlets described in "HP-Supplied Portlets" on page 22. The screen images are organized by category in the same order as presented in Chapter 2.

Some portlets are available in two categories in PPM Center. Where applicable, the same examples of those portlets appear in both categories in this chapter.

# **ALM Category**

#### ALM - Deployed Releases

Preferences: I	Request Type: ALM - Release Management;	
Release Request #	Release Summary	Release Date
30821	Emergency release for database recovery.	May-26-08 11:15 1 AM
31031	CRM Quarterly release.	May-21-08 11:09 1 AM
30952	Software Fixes to Web environment.	May-16-08 11:19 2 AM
30822	Upgrade the IP telephony system.	Jun-10-08 11:13 1 AM
		Showing 1 to 4 of 4 Prev Next Maxin

Note: This portlet is only available when you integrate PPM Center with Quality Center 10.00.

#### ALM - My Releases

Preferences:						
Release Request#▲	Release ID	Release Summary	Туре	Category	Expected Release	Status
30546		Update SLA			Mar-01-12 08:00 AM	Pending Functional Spec
30547		Service Configurations			Jan-01-12 08:00 AM	Pending Functional Spec
30548		Apply Patch			Aug-15-11 08:00 AM	Pending Requestor Info
30549		UAT Test Scripting			Aug-08-11 08:00 AM	On Hold
30550	Global Investment Management System	HTML email from web request with link				New
Export to Exc	cel	к	Show	ring 11 to 15 of 38 🕟	н	

#### ALM – My RFCs

ALM - My RFCs					2 🗉
Preferences:					
Request Type: ALM - F	RFC Demo				
Request # 🔺	RFC Summary	Priority	Reported By	Category	Status
32656	Customers are reporting they can't log into the online banking app	Immediate	2012-01-29 04:06:16.0		In Deployment
32686	New Schedule Icon	Immediate	2012-02-01 02:06:37.0		Evaluating Quality
32716	Add new search field to VDK app	High	2012-02-02 04:28:30.0		3-Test Lab Setup Completed
32746	Change form color	Low	2012-02-02 05:56:47.0		In Deployment
32777	Additional "Help" content	Medium	2012-02-03 10:56:14.0		New
Export to Excel			K Showing 1 to 5 of 17 >	н	

## ALM - Open Releases

ALM - Open Releas	ses					2 🖬
Preferences:						
Release Request # ▲	Release ID	Release Summary	Туре	Category	Expected Release	Status
30551	UK Mortgage Management System	Customer Online Payment not accepting Visa Card				New
30552	Enterprise Information Portal	Update Vendor Landing page				New
30553	PeopleSoft HRMS (EMEA)	Update Vendor Pricing on Supply Mgmt Portal				New
30554	Corporate Help Desk	New Welcome Page			Apr-01-11 08:00 AM	New
30572		Order Fulfillment automation			Apr-17-12 08:00 AM	Pending Functional Spec
Export to Excel		_1	C C Sho	wing 16 to 20 of 50 🕟	н	·

#### ALM - Open RFCs

ALM - Open RFCs					2 🖬
Preferences:					
Request # 🔺	RFC Summary	Priority	Reported By	Category	Status
30084	Hiring freeze - need additional resources to finish on schedule	Low	2010-01-18 00:10:25.0		New
30085	Patch release incompatibility with desktop publishing SW	High	2010-01-18 00:10:25.0		New
30086	Possible power outage during cutover weekend	High	2010-01-18 00:10:26.0		New
30087	Glitches in building move during testing	Low	2010-01-18 00:10:26.0		New
30088	Hardware delivery is late	Normal	2010-01-18 00:10:27.0		New
Export to Excel			K Showing 51 to 55 of 200	K	

#### ALM - Releases

ALM - Releases			2 🗉
Preferences:			
Request # ▼	Summary	Status	View Impact
34101	RFC demo1	In Review	Click to View
32836	Add Telephone Number	Create QC Test Requirement	Click to View
32807	Change Logos	4-Running Tests in Quality Center	Click to View
32806	Duplicate Entries	Evaluating Quality	Click to View
32786	Modify error message for negative transfer	New	Click to View
Export to Excel	к < :	Showing 1 to 5 of 19 🕥 刘	

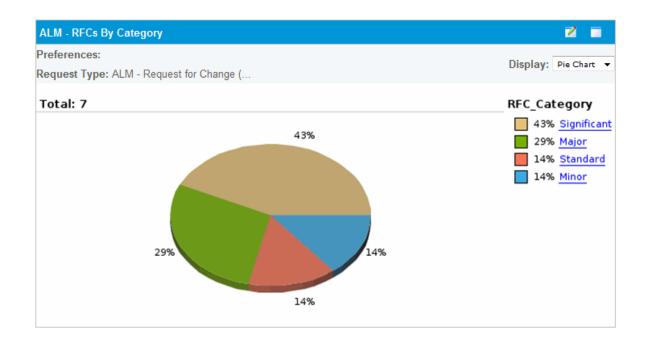
#### ALM - Releases By Category



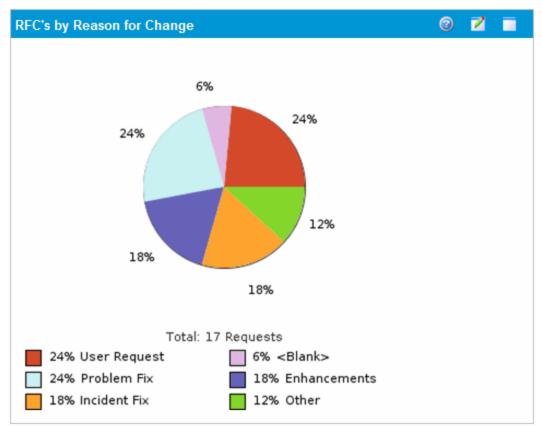
## ALM - Releases By Type

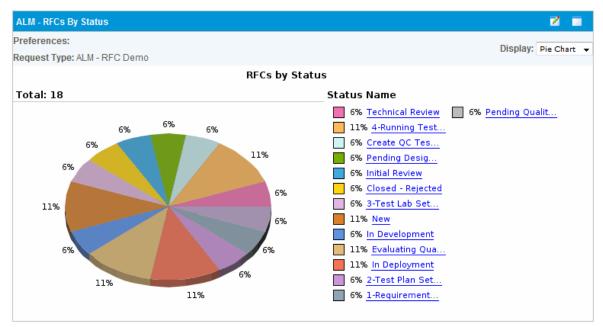


## ALM – RFCs By Category



## ALM - RFCs By Reason for Change





#### ALM - RFCs By Status

#### ALM - RFCs per Release

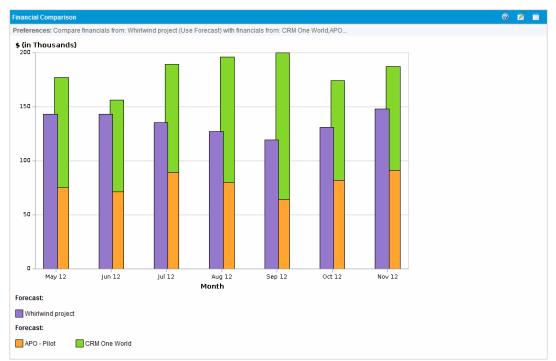
ALM - RFCs	per Release		2 🗖					
Preferences:								
Request # ▲	Description	Priority	Impact					
31381	Test Status Report for Credit Scoring (2 - 1 - 1) from QC (DEFAULT.Credit_App)	Normal	admin					
31381	Test Status Report for Credit Scoring (2 - 1 - 1) from QC (DEFAULT.Credit_App)	Normal	Yellow					
31412	Test Status Report for Credit Scoring (2 - 1 - 1) from QC (DEFAULT.Credit_App)	Normal	admin					
31412	Test Status Report for Credit Scoring (2 - 1 - 1) from QC (DEFAULT.Credit_App)	Normal	Yellow					
31414	Test Status Report for Credit Scoring (4) from QC (DEFAULT.Credit_App)	Normal	Yellow					
Export to	Excel IK K Showing 1 to 5 of 80	ĸ						

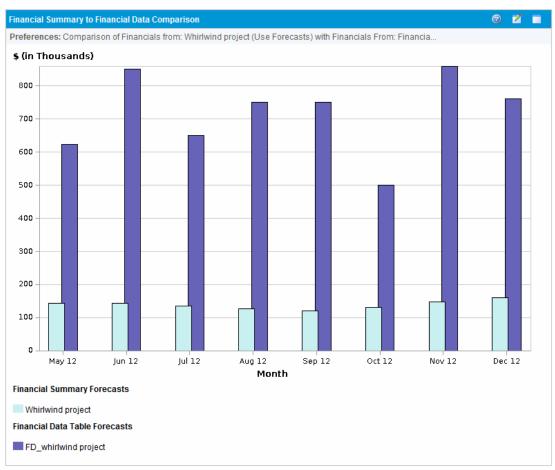
# Financial Management Category

#### Capitalized Project Breakdown

Сарі	Capitalized Project Breakdown 💿 💈 📄										
Proj	iect Name 🔺	Project Manager	Risk	Carrying Value	Total Planned Capital	Planned Cost					
0	A/R Billing Upgrade	Joseph Banks	28	USD 442.000,00	USD 392.000,00	USD 1.121.000,00					
	APO - Pilot	Ronald Steel; Joseph Banks	17	USD 42.636,00	USD 5.320,00	USD 463.747,69					
	Billing Systems Integration	Joseph Banks	13	USD 61.135,00	USD 642.160,00	USD 1.015.409,94					
$\land$	CRM One World	Joseph Banks	19	USD 0,00	USD 1.082.159,99	USD 1.487.198,43					
0	Call Center Upgrade	Nicole Smith	23	USD 0,00	USD 600.000,00	USD 1.150.000,00					
Export to Excel											

#### Financial Comparison





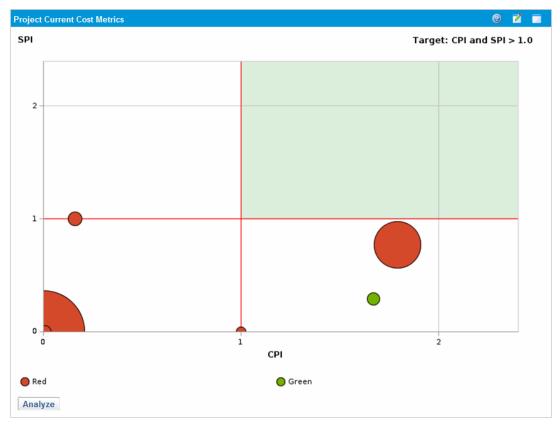
## Financial Summary to Financial Data Comparison

# Program Cost Summary

2 🗖	1	gram Cost Summary
		ost Overview
t Actual	Forecast	pital Fo
	USD	oor
	929.640	9
	USD	n-Labor
	800.000	8
	USD	al
0 103.771	1.729.640	1.
t Actual	Forecast	erating Fc
) USD	USD	oor
3 298.098	1.131.038	1.1
	USD	n-Labor
) 120.000	1.160.000	1.1
	USD	al
3 418.098	2.291.038	2.
) USD	USD	T-4-1
521.869	4.020.678	gram Total 4.
•	4.020.678	arned Value Details

# Project Cost Summary

Project Cost Sun	nmary								0	2	
Project Cost Hea	lth: 🔘	Costs fro	om Financia	al Summarı	r: APO - Pi	lot					
Cost Overview											
Capital									Forecast		Actual
Labor									USD 5.320,00	42.6	USD 36,00
Non-Labor									USD 0,00	USI	0,00
Total									USD 5.320,00	42.	USD 636,00
Operating									Forecast		Actual
Labor									USD 158.427,69	10.8	USD 80,00
Non-Labor									USD 300.000,00	USI	D 0,00
Total									USD 458.427,69	10.	USD 880,00
Project Total									USD 463.747,69	53.	USD 516,00
Earned Value Su	mmary										
Planned Value:	USD 5.53	35,20			Sched V	ariance:	USD 52	2.320,00			
Earned Value:	USD 57.8	355,20			Cost Var	iance:	USD 4.	339,20			
Actual Cost:	USD 53.8	516,00			SPI:	10,	45	СР	l: 1,	08	
Earned Value D	etails										



## **Project Current Cost Metrics**

# Packages Category

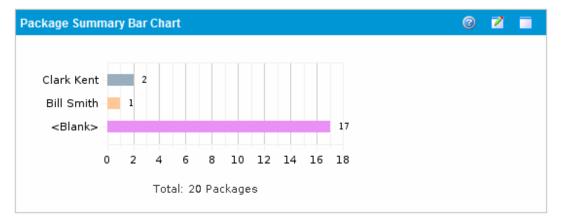
#### My Packages

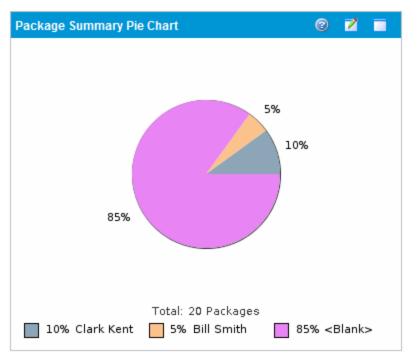
My Pack	ages					0 🖬 🗖
Pkg # ▲	Workflow	Priority	Description	Assigned To	Last Updated	Created By
30019	PPM Migrator Workflow	Low	Extracting PFM request types		20-4-07	Admin User
30024	PPM Migrator Workflow	Low	import custom Resource Mgmt portlet		13-9-07	Admin User
30025	PPM Migrator Workflow	Low	DSIC Resource Mgmt Custom Portlet import		13-9-07	Admin User
30027	OraApps Patch Deployment	Low	OraApps Patch: Bug 42		11-12-08	Admin User
30030	Standard Deployment	Low	Dev to Test - sql and html File Migration		10-8-12	Admin User
Expo	ort to Excel		K	Showing 1 to 5 of 10 >	K	

#### Package List

Package Lis	Package List								
Preferences	s:								
Eligible for My Action?: Yes; Include									
Pkg # 🔺	Workflow	Priority	Description	Assigned To	Last Updated	Created By			
30006	Standard Deployment	Low	Reporting changes	Clark Kent	29-9-09	Karen O'Keefe			
30007	Standard Deployment	High	Update Customer Configurations		4-4-07	Karen O'Keefe			
30010	SAP - Transport and J2EE Deployments	High	SAP Changes		20-4-07	Karen O'Keefe			
30012	Oracle - Standard Deployment Process	Normal	Updates to Payroll		10-8-12	Karen O'Keefe			
30017	Standard Deployment	High	Invoicing updates		18-4-07	Larry James			
Export to	Excel		K Showing 1 to 5 of 1	5 🗩 渊					

#### Package Summary Bar Chart



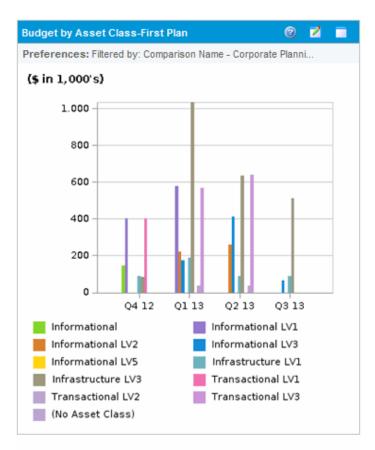


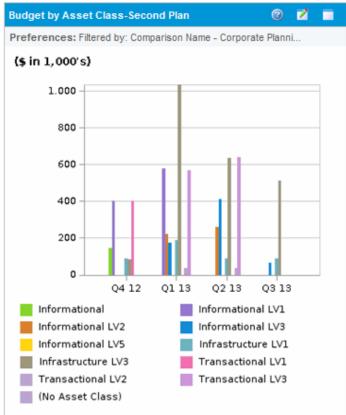
#### Package Summary Pie Chart

# Portfolio Management Category

#### Budget by Asset Class

**Note:** This example shows two Budget by Asset Class portlets that compare two scenarios from a scenario comparison.

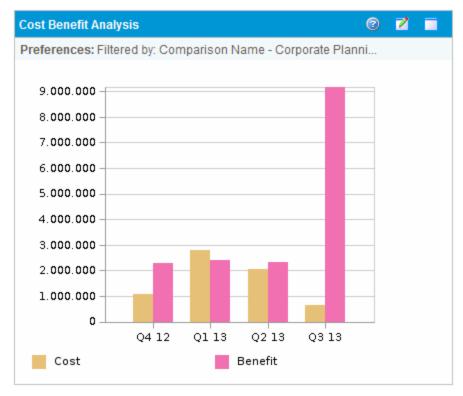




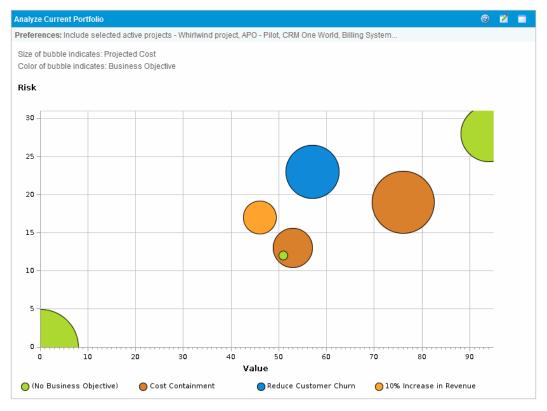
#### Capitalized Project Breakdown

Сарі	Capitalized Project Breakdown 🥹 👔 🗌										
Proj	ect Name 🔺	Project Manager	Risk	Carrying Value	Total Planned Capital	Planned Cost					
0	A/R Billing Upgrade	Joseph Banks	28	USD 442.000,00	USD 392.000,00	USD 1.121.000,00					
	APO - Pilot	Ronald Steel; Joseph Banks	17	USD 42.636,00	USD 5.320,00	USD 463.747,69					
	Billing Systems Integration	Joseph Banks	13	USD 61.135,00	USD 642.160,00	USD 1.015.409,94					
	CRM One World	Joseph Banks	19	USD 0,00	USD 1.082.159,99	USD 1.487.198,43					
0	Call Center Upgrade	Nicole Smith	23	USD 0,00	USD 600.000,00	USD 1.150.000,00					
	Export to Excel		K	Showing 1 to 5 of 26	ĸ						

#### Cost Benefit Analysis



#### Current Portfolio Map

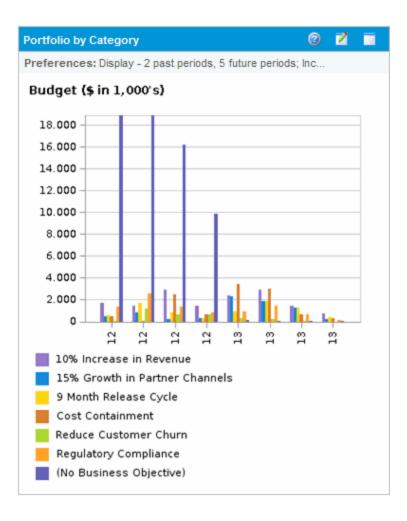


#### Portfolio by Category

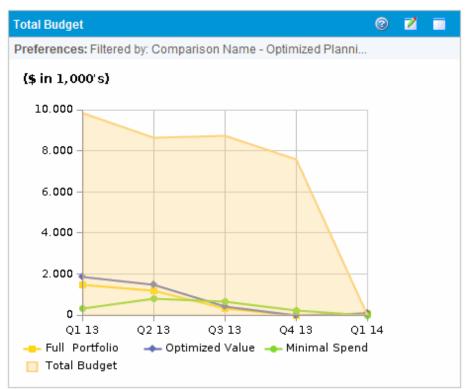
**Note:** This example of a Portfolio by Category portlet is a Portfolio By Business Obj portlet, which displays business objectives.

Other Portfolio by Category portlets are:

- Portfolio By Project Class
- Portfolio By Asset Class



#### Total Budget



# Program Management Category

#### Issue List

Issue List					0 🖬 🗖
Project ▲	lssue #	Priority	Escalation Level	Status	Description
APO - Pilot	30317	High	Project	Pending Closure	Patch release expected two weeks before GA
APO - Pilot	30317	High	Project	Pending Closure	Patch release expected two weeks before GA
APO - Pilot	30320	Low	Project	Open	Need to clear non-budgeted travel expenses
APO - Pilot	30310	Normal	Program	Open	Several additional languages in user community found duri
APO - Pilot	30310	Normal	Program	Open	Several additional languages in user community found duri
Export to Excel		K	Showing 1 to	o 5 of 45 > >	

## Program Contents List

Prog	Program Contents List 💿 💈 📄								
Req	ID 🔺	Name	Туре	Status					
0	30630	Web for One World	Project	Detailed Project Definition					
$\triangle$	30631	CRM One World	Project	Detailed Project Definition					
$\bigcirc$	30632	APO - Pilot	Project	Deploy					
	30633	Billing Systems Integration	Project	Detailed Project Definition					
E E	Export to Excel	IK K Sh	owing 1 to 4 of 4 🔊 刘						

#### Program Cost Summary

Program Cost Summary	0	2 🔲
Cost Overview		
Capital	Forecast	Actual
Labor	USD	USD
Labor	929.640	83.771
Non-Labor	USD	USD
Non Eason	800.000	20.000
Total	USD	USD
	1.729.640	103.771
Operating	Forecast	Actual
Labor	USD	USD
Labor	1.131.038	298.098
Non-Labor	USD	USD
Non-Eabor	1.160.000	120.000
Total	USD	USD
	2.291.038	418.098
D	USD	USD
Program Total	4.020.678	521.869
Earned Value Details		

#### **Program List**

Program List 📀 💈									2
Program Name	Relative Priority	Program Manager 🔺	Program Status	Issu	ies	Ris	٢S	Sco Cha	pe Inges
SPMaaS - ESS (Pilot)		Admin User	New	0	0	0	0	0	0
Enterprise Business Applications	3	Carolyn Sayer	New	0	0		0		0
One World	1	Carolyn Sayer	Active	0	10		16		12
Partner Program	2	Carolyn Sayer	Active	0	11		12	0	3
Black Diamond Initiative		Carolyn Sayer	Active		7		14		12
Export to Excel		K K Showing 1 to 5 of 5	ĸ						

## Program Risk List

Program Risk List	rogram Risk List 💿 🖬 🗐								
Project 🛦	Risk #	Probability	Impact Level	Status	Description				
APO - Pilot	30146	Unlikely [0-40%]	High	New	Patch release incompatibility with desktop publ				
APO - Pilot	30161	Unlikely [0-40%]	Medium	New	Hiring freeze - need additional resources to fi				
APO - Pilot	30144	Likely [41-80%]	Low	New	Glitches in building move during testing				
APO - Pilot	30141	Likely [41-80%]	Medium	New	Hardware Procurements is delayed by Vendor				
APO - Pilot	30142	Likely [41-80%]	High	New	Key business stakeholder has left organization.				
Export to Excel		K K S	Showing 1 to 5 of 16 💽	K					

#### Program Scope Change List

Program Scope Change List	rogram Scope Change List						
Project 🔺	Scope Change #	Severity	Change Request Level	Status	Description		
APO - Pilot	30438	Medium	Level 1	New	Please add this report		
APO - Pilot	30440	Medium	Level 2	In Review	Oracle 11i upgrade impacts		
APO - Pilot	30439	High	Level 2	New	PeopleSoft upgrade requires additional interfaces		
Billing Systems Integration	30393	Low	Level 1	New	Oracle upgrade requires additional testing		
Billing Systems Integration	30397	Critical	Level 2	New	PeopleSoft upgrade requires additional interfaces		
Export to Excel		K	Showing 1 to 5	of 12 > >	]		

# Project Management Category

My Tasks

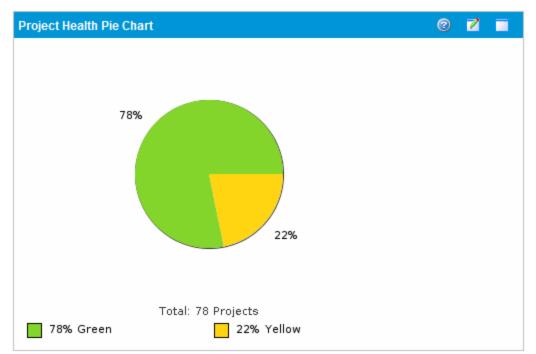
My Tasks				© 🖬 🔳
Preferences: Pro	ject - Whirlwind project; Tasks ready	for my action;		
Use Time Sheet:	Joseph Banks - 8/13/12 - 8/19/12	✓ Edit Effort Breakdown		Go To Time Sheet
Actual Start		Actual Finish	Actual Effort (hrs)	% Complete
• Requirements	Validated Task is In Progress; Schedu	led: 8/13/12 - 8/16/12 (4 days) 🧘		Whirlwind project
8/13/12	P		50.00	30
Save	Reset			
		K K Showing 1 to 1 of 1 > >		

# Program Contents List

Prog	ram Contents List			0 🖬 🗖
Req	ID 🔺	Name	Туре	Status
	30630	Web for One World	Project	Detailed Project Definition
	30631	CRM One World	Project	Detailed Project Definition
	30632	APO - Pilot	Project	Deploy
	30633	Billing Systems Integration	Project	Detailed Project Definition
	export to Excel	K K Sh	owing 1 to 4 of 4 > >I	

# Project Gantt

Project Gantt																												0	1 🗖
Filtered by: Time Range: Past 2 weeks, Next 2 weeks	s; Incl	ude i	in Gantt	Proje	cts, Ta	asks, Mil	estones	; Task	Status:	Read																			
Task Name		Augu	st 2012	2																									
		03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
♦ Complete Build		. 🔶 3	3-8-12																										
Perform System Test																													
Bug Fix								E																					
Update Test Plans								+ E																					
Build Integration Test Environment								+ F																					
									ĸ	< s	howing	6 to 10	of 144		к														



#### Project Health Pie Chart

#### **Project List**

Proj	ect List							3 🛛 🗆
Nam	ie 🔺	Project No	Wor	k Plan % Complete	Status	Planned Start	Planned Finish	Project Manager
$\bigcirc$	123	34126			In Planning	April 2012	May 2012	Admin User
0	A/R Billing Upgrade	31781			Detailed Project Definition	October 2011	March 2012	Joseph Banks
0	ACME Company Intranet	30600	0%		Active	March 2011	October 2011	Bev Bailey
	ACME Intranet	30608	1%		Assign Project Manager	March 2011	October 2012	Bev Bailey
۸	AP Web Interface	31661	0%		Detailed Project Definition	June 2012	August 2012	Joseph Banks
	Export to Excel			K K	Showing 1 to 5 o	f 78 > >		

## **Project Timelines**

Project Timelines																								(	) 🙎 🗖
Name	2011												2012												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	1
123																									
A/R Billing Upgrade																									
ACME Company Intranet																									
ACME Intranet																									
AP Web Interface																				-					
									K	K Sh	owing 1 t	o 5 of 80		н											

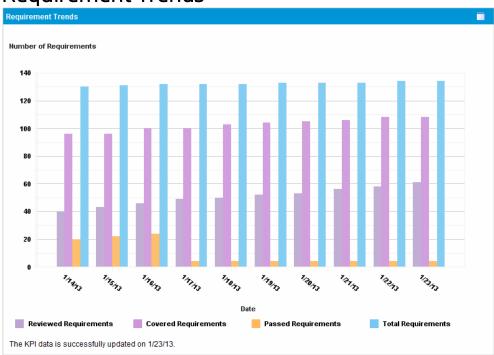
#### **Resource Gantt**

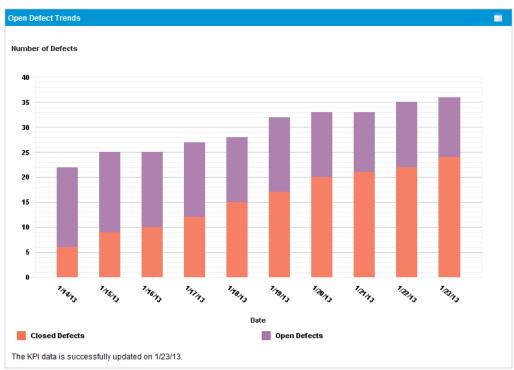
Resource Gantt																									0	2	
Filtered by: Resource: Alexander Schneider, Allen	Hughes	, Alice	e Jones,	Alex Sr	mith, A	mrish .	Jaisal, An	apat \	Nong, A	Andrew																	
Name	AL	igust	2012						Septe	mber 201	2																
	24	25	26	27	28	29				02 03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20
Global Control Phase 1 (Current)				_		_		Andr	ew Pra	tt																	
Marketing WebPortal V2			Bill	Seagr	ave																						
Marketing WebPortal V2										Bill Seag	rave																
Marketing WebPortal V2													-			Bill	Seagr	ave									
Marketing WebPortal V2																							Bill	Seagr	ave		
Marketing WebPortal V2																											
Tasks: Ready: 📰 In Progress: 🎦 Pe	ending:		Compl	eted: 📘		Except	ion: 🚘	Mil	estone	: 🔶 Sta	ffing I	rofiles:		In Plar	nning:		Activ	e: 💼	Cor	nplete	d: 📩						
							K	<	Show	ving 1 to 6	of 6	> N	]														

## Summary Task List

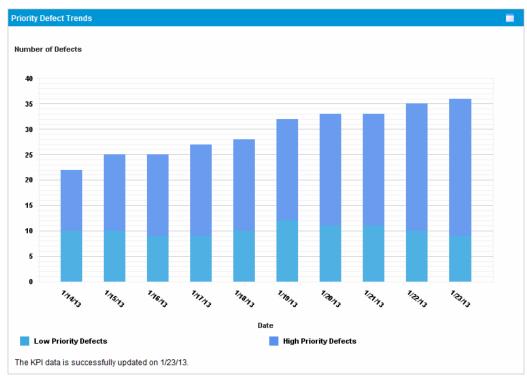
Summary Task List				0 🖬 🗖
Name 🔺	% Complete	Status	Sched Start	Sched Finish
ACME Intranet	1%	Active	5 maart 2010	21 mei 2010
AP Web Interface	0%	Active	8 augustus 2011	24 oktober 2011
APO - Pilot	86%	Active	3 oktober 2011	23 december 2011
Analysis	0%	Active	9 januari 2007	19 februari 2007
Benutzerakzeptanz Tests	0%	Active	17 september 2012	18 september 2012
Export to Excel		K Showing	g 1 to 5 of 195 > 刘	

## **Requirement Trends**





## Open Defect Trends



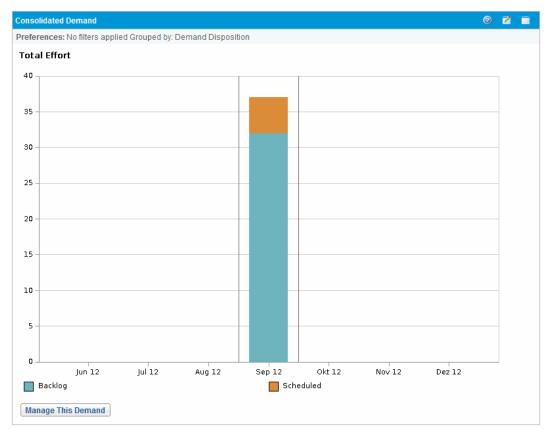
## **Priority Defect Trends**

#### Project Quality Scorecard

				Scorec			QA (No	Target V								
			Launch		Web	Portal Inte	gration		Co	de Freeze				Release to Pr	roduction	
	Authored Tests	is Tests Requirements Requirements				Passed Tests	Tests Executed	Defects Fixed per Day	Passed Requirements	Rejected Defects		Tests Executed	Defects Fixed per Day	Passed Requirements	Severe Defects	Tests Executed
Booking System - New Booking Options	255	20 %	95 %	100 %				2	95 %	10.%	1	100 %	0	100 %	1	100 %
Online Recurring Booking Service	248	17 %	100 %	100 %	9	95 %	100 %	2	95 %	6 %	0	100 %	0	100 %	0	93 %
Reservation Extension Service	255	17 %	100 %	100 %	9	98 %	100 %	2	95 %	5 %	0	100 %	0	100 %	0	100 %
Self Service Profile Management	250	20 %	98 %	100 %	9	100 %	100 %	2	95 %	7 %	0	100 %	0	100 %	0	100 %
* Data updated to: 7/11/10 6:00:00 AM. KPIs an	e calculated	at predefined h	ours on a daily basi	s. KPI calculations e	nd when a	milestone re	aches its due	date.								

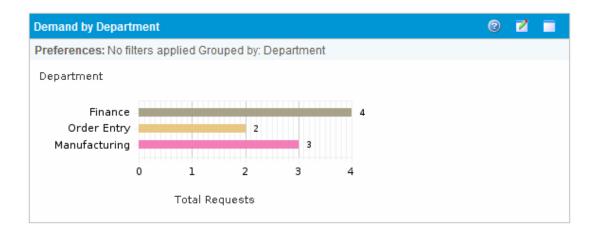
# Requests Category

#### Consolidated Demand



#### Demand by Category

**Note:** This example of a Demand by Category portlet is a Demand by Department portlet. The portlet preferences include many other options for grouping and displaying demand.



#### **Demand List**

Demand List							3 🗹 🗖
Preferences: Filter	ed by: . Demand this r	month					
Request #	Request Type Name	Description	Status	Priority	Assigned To User	Assigned to User Name	Assigned To Group
30539	DEM - Application Bug	Portal Link Error	On Hold	Normal	30195	osDEVa7	
30542	DEM - Application Enhancement	Need to work on Transaction Interface	New	Critical	30257	osDEVa4	
30537	DEM - Application Bug	Advanced search does not work	On Hold	Low	30257	osDEVa4	
30871	DEM - Application Bug	Page Navigation error	On Hold	High	30257	osDEVa4	
30536	DEM - Application Bug	Date on the line items become null on refreshing the screen	New	Critical	30257	osDEVa4	
Export to Excel			K K	Showing 1 to 5 of 23			

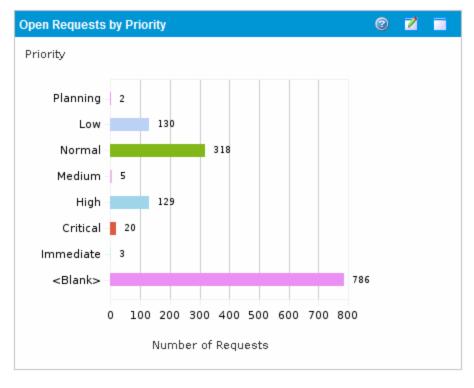
#### Issue List

Issue List					0 🖬 🗖
Project ▲	lssue #	Priority	Escalation Level	Status	Description
APO - Pilot	30317	High	Project	Pending Closure	Patch release expected two weeks before GA
APO - Pilot	30317	High	Project	Pending Closure	Patch release expected two weeks before GA
APO - Pilot	30320	Low	Project	Open	Need to clear non-budgeted travel expenses
APO - Pilot	30310	Normal	Program	Open	Several additional languages in user community found duri
APO - Pilot	30310	Normal	Program	Open	Several additional languages in user community found duri
Export to Excel		K	Showing 1 to 5	of 45 💙 渊	

#### My Requests

My Req	Jests						💿 🗹	
Req # ▲	Req Type	Description		Status	Assigned To	Priority	Created By	
30209	Project Issue	Siebel QA server needs disk space		New		High	Admin User	
30210	Project Issue	PeopleSoft training server setup		New		High	Admin User	
30211	Project Issue	SAP ITS server is down		New		Normal	Admin User	
30212	Project Issue	Delivery of new hardware is late		New		High	Admin User	
30213	Project Issue	PeopleSoft training server setup		New		Low	Admin User	
Expo	ort to Excel		K K Sho	owing 1 to 5 of 200	×			

## Open Requests by Priority



## Program Risk List

Program Risk List					0 🖬 🗖
Project 🔺	Risk #	Probability	Impact Level	Status	Description
APO - Pilot	30146	Unlikely [0-40%]	High	New	Patch release incompatibility with desktop publ
APO - Pilot	30161	Unlikely [0-40%]	Medium	New	Hiring freeze - need additional resources to fi
APO - Pilot	30144	Likely [41-80%]	Low	New	Glitches in building move during testing
APO - Pilot	30141	Likely [41-80%]	Medium	New	Hardware Procurements is delayed by Vendor
APO - Pilot	30142	Likely [41-80%]	High	New	Key business stakeholder has left organization.
Export to Excel		K K S	Showing 1 to 5 of 16 💽	K	

## Program Scope Change List

Program Scope Change List					0 🖬 🗖
Project 🔺	Scope Change #	Severity	Change Request Level	Status	Description
APO - Pilot	30438	Medium	Level 1	New	Please add this report
APO - Pilot	30440	Medium	Level 2	In Review	Oracle 11i upgrade impacts
APO - Pilot	30439	High	Level 2	New	PeopleSoft upgrade requires additional interfaces
Billing Systems Integration	30393	Low	Level 1	New	Oracle upgrade requires additional testing
Billing Systems Integration	30397	Critical	Level 2	New	PeopleSoft upgrade requires additional interfaces
Export to Excel		K	Showing 1 to 5	of 12 🕥 刘	

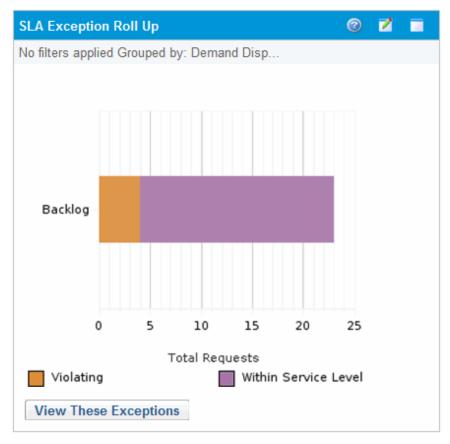
## **Request List**

Reques	t List	0 🖬 🗖	
Req #	Request Type	Description	Status
30712	PFM - Project		Detailed Project Definition
30609	Project Issue	test issue	New
30608	PFM - Project		Assign Project Manager
30600	Project Details		Active
30574	Project Details		In Planning
Expo	ort to Excel	K K Showing 1 to 5 of 200 > >	

#### **Request Summary**

Request Summary	3 2	
Priority		# of Reqs
Planning		2
Low		130
Normal		318
Medium		5
High		129
Export to Excel	K Showing 1 to 5 of 8 >	

#### SLA Exception Roll Up



# Resource Management Category

#### Analyze Assignment Load





## Analyze Resource Pools

#### **Resource Pool List**

Resource Pool List			2	2	
Preferences:					
Resource Pool 🔺	Resource Pool is for	Pool Manager			
Application Development (Rollup) (FS)	Organization Unit: Application Development (FS)	Kim Song			
Commercial Banking Development - Team 1 (AMS) (FS)	Organization Unit: Commercial Banking Development - Team 1 (AMS) (FS)	Kim Song			
Commercial Banking Development - Team DR (AMS) (FS)	Organization Unit: Commercial Banking Development - Team DR (AMS) (FS)	Joseph Banks			
Current Portfolio (ITFM R2)		Jonathan Kaplan			
Global					
Export to Excel	K Showing 1 to 5 of 30				

Resource Req	uest Portlet									g 🖬 🗖
Preferences:										
Staffing Profile ▲	Resource Pool	Position	Position Status	Response Needed By	Start Date of Unm	End Date of Unmet	Total Unmet Hours	Unmet Range Start	Unmet Range End	Unmet Range Hours
ACME Company Intranet		Architect	New		1-3-10	31-12-10	1.728	12-8-12	19-8-12	0
ACME Company Intranet		Business Analyst	New		2-3-09	29-12-09	1.704	12-8-12	19-8-12	0
ACME Intranet		Business Analyst	New				0	12-8-12	19-8-12	0
ACME Project StreamPath		Architect	New		1-8-12	30-11-12	180,4	12-8-12	19-8-12	21
ACME Project StreamPath		Application Designer	New		2-7-12	28-9-12	1.007,2	12-8-12	19-8-12	76,4
Export to Ex	cel			К	Showing	1 to 5 of 200	ĸ			

## Resource Request Portlet

# Staffing Profile List

Staffing Profile List					1	2 🗖
Preferences:						
Staffing Profile	Staffing Profile	Workload Category	Manager	Status ▲	Start	Finish
APO - Pilot	Project: APO - Pilot		Ronald Steel; Joseph Banks	Active	Oc	Ja
Billing Systems Integration Project	Project: Billing Systems In		Joseph Banks	Active	Ja	Se
SFA Mobile	Project: SFA Mobile	Strategic Projects	Nicole Smith	Active	Oc	Ма
Global Control Phase 1 (Current)	Project: Global Control Pha	Strategic Projects	Joseph Banks	Active	Se	De
VQM Demo	Project: VQM Demo		Admin User	Active	Ju	Ju
Export to Excel		K Showing 1 to 5 c	of 119 🗩 渊			

# Time Management Category

#### **Approve Time Sheets**

Approve	Time Sheets						0 🖬 🗐
Preferen	Preferences: Previous Time Periods to Show: 1; Time Sheet Line Status: Submitted; Show Time Sheets: Both with						
	Resource	Time Period - Time Sheet # 🔻	Status	Manager	Time to Approve	Total Time	Approvable Line Costs
	Andy Madison	9/1/12 - 9/30/12 - 1	Submitted	Kim Song	32 (Hours)	209.6 (Hours)	\$3,040.00
Chec	Check all Approve Reject						
	K Showing 1 to 1 of 1						

## My Tasks

My Tasks		0 🖬 🗐
Preferences: Proj	ect - Whirlwind project; Tasks ready for my action;	
Use Time Sheet:	Joseph Banks - 8/13/12 - 8/19/12	Go To Time Sheet
Actual Start	Actual Finish Actual Effort (hrs)	% Complete
• Requirements	/alidated Task is In Progress; Scheduled: 8/13/12 - 8/16/12 (4 days) 💧	Whirlwind project
8/13/12	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	30
Save	Reset	
	K K Showing 1 to 1 of 1 > >	

# My Time Sheets

My Time Sheets		0 🖬 🗖
Time Sheet # - Period	Description	Status
1 - 9/10/12 - 9/16/12	Joseph Banks - 9/10/12 - 9/16/12	Unsubmitted
1 - 9/3/12 - 9/9/12	Joseph Banks - 9/3/12 - 9/9/12	In Rework
Create New Time Sheet		
Export to Excel	K Showing 1 to 2 of 9 > >	

## My Work Items

My Work Items						0 🛛 🗖	
Item Type	Item Set	Work Item	Description	Period Type	Current Period	Current Budget	All Periods
Task	ERP Mater	Prototype	ERP Materials Management Up	Semi- Monthly	0,00 (Hours)	0,00 (Hours)	0,00 (Hours)
Export to Excel							

# Chapter 4: HP-Supplied Request Types

The following table lists the request types provided as part of PPM Center. Availability depends on having the applicable licenses and products.

In the table, the subheadings are alphabetized categories, and the request types are alphabetized within each category. The table indicates which request types are available in two categories, and such request types are described in more detail in the first of the two categories.

**Note:** To edit any request type, you must have the Demand Mgmt: Edit Request Types access grant.

Request Type Name	Description
Application Lifecycle software.)	Management-related (Availability requires installation of ALM
ALM - Defect Template with Quality Center Integration	Request used by ALM in conjunction with the ALM - Defect Template with Quality Center Integration workflow to implement integration between PPM Center and HP Quality Center.
ALM - Release Management	Request used by ALM in conjunction with the ALM - Release Request workflow to address releases in a manner consistent with the ITIL Release Management process.
ALM - Request For Change (RFC)	Request used by ALM in conjunction with the ALM - Request For Change workflow to address requests in a manner consistent with the ITIL Change Management process.
Best Practices catego	ory
DEM - Application Bug	Request for reporting problems in current IT applications.
DEM - Application Enhancement	Request for new functionality in current IT applications.
DEM - Database Refresh	Request for refreshing the database for all IT operations applications in the testing phase. Standard IT operations service levels apply.
DEM - Initiative	Request for key projects for future quarters.
PFM - Asset	Request to create an asset, such as a production application, resulting from completion of a project in the current portfolio.
	Also available for the Portfolio Management category.

Request Type Name	Description			
PFM - Project	Request to start an approved project (after its approval as a proposal) in the current portfolio.			
	Also available for the Portfolio Management category.			
PFM - Proposal	Request to propose a new project to be approved and added to the portfolio.			
	Also available for the Portfolio Management category.			
Program Issue	Request for logging program issues.			
Program Risk	Request for logging program risks.			
Project Issue	Request for logging a project issue.			
Project Risk	Request for adding project risk information.			
Project Scope Change Request	Request for a project scope change.			
Foundation category				
Bug	Request for logging a bug.			
Enhancement	Request for an enhancement.			
Generic Request	Request for general purpose request tracking.			
Project Details	Request for adding project details.			
Portfolio Management category				
PFM - Asset	See "PFM - Asset" on the previous page in the Best Practices category.			
PFM - Project	See "PFM - Project" above in the Best Practices category.			
PFM - Proposal	See "PFM - Proposal" above in the Best Practices category.			

# Chapter 5: HP-Supplied Workflows

The following table lists the workflows provided as part of PPM Center. Availability depends on having the applicable licenses and products.

In the table, the subheadings are alphabetized categories, and the workflows are alphabetized within each category. The table indicates which workflows are available in two categories.

Note: To edit any workflow, you must have the Config: Edit Workflows access grant.

Workflow Name	Description	
Application Lifecycle Management-related (Availability requires installation of ALM software. Subworkflows are not listed.)		
ALM - Change Migration	Workflow to migrate changes from the DEV environment to the TEST environment and from the TEST environment to the LIVE environment.	
ALM - Defect Template with Quality Center Integration	Workflow that includes execution steps to create a defect or requirement in Quality Center when PPM Center and Quality Center are integrated.	
ALM - Release Distribution	Workflow used to control distribution among environments of a release that consolidated multiple changes.	
ALM - Release Request	Workflow used to control the sequence of approvals, decisions, and actions that a release request follows over its lifecycle, including initial planning, creation of the release, aggregation of the packages for the requests for change (RFCs) into the release, and automated deployment of all the packages into TEST and LIVE environments.	
ALM - Request For Change	Workflow used to control the sequence of approvals, decisions, and actions by which an RFC is processed over its lifecycle.	
Best Practices category		
DEM - Bug Request	Workflow to enable mature bug fix process.	
DEM - Database Refresh	Workflow to refresh development or QA databases.	

Workflow Name	Description	
DEM - Enhancement Request Process	Workflow to request mature enhancement process.	
DEM - Project Initiative Process	Workflow to initiate approval for an IT project.	
Issue Management Process	Workflow for managing issues.	
PFM - Asset	Workflow for asset.	
	Also available for the Portfolio Management category.	
PFM - Project	Workflow for project.	
	Also available for the Portfolio Management category.	
PFM -	Workflow for proposal.	
Proposal	Also available for the Portfolio Management category.	
Program Risk Management Process	Workflow for program risk management.	
Risk Management Process	Workflow for project risk management.	
Scope Change Request Process	Workflow for scoping change requests.	
Foundation category		
Bug Request Type	Workflow for bug fix request type.	
Dev -> Test -> Multiple Prods	Workflow for migrating code from development to multiple production environments.	
Dev -> Test -> Prod	Workflow for migrating code from development through production.	
Project Process	Workflow for project management.	

Workflow Name	Description	
Portfolio Management category		
PFM - Asset	Workflow for asset. Also available for the Best Practices category.	
PFM - Project	Workflow for project. Also available for the Best Practices category.	
PFM - Proposal	Workflow for proposal. Also available for the Best Practices category.	

# Send Documentation Feedback

If you have comments about this document, you can contact the documentation team by email. If an email client is configured on this system, click the link above and an email window opens with the following information in the subject line:

#### Feedback on HP-Supplied Entities Guide (Project and Portfolio Management Center 9.30)

Just add your feedback to the email and click send.

If no email client is available, copy the information above to a new message in a web mail client, and send your feedback to HPSW-BTO-PPM-SHIE@hp.com.

We appreciate your feedback!