



HPE Project and Portfolio Management—Resource Management module

Gain comprehensive visibility and control over resource supply and demand

The HPE Project and Portfolio Management (PPM)—Resource Management module effectively measures resources' capacity and efficiency, from top-down planning through bottom-up execution. This makes it possible to balance your resource supply to gain comprehensive visibility and control over resource utilization—improving cost efficiency and helping you make the right resources available to keep your most critical initiatives on schedule.

Get real-time visibility and control over your resources

Skilled workers are more important than ever to the success of your business. Putting the right people on the right projects is often the difference between meeting the needs of the business and falling short. In addition, tight budgets punish resourcing mistakes that delay important investment projects and reduce worker productivity.

The HPE PPM Resource Management module is designed to support your organization meet these challenges. It helps you answer key questions, such as

- Do ad-hoc projects consume too much of our capacity vs. strategic projects or routine operational activities?
- Are we effectively utilizing our most valuable resources?
- When will we have suitably skilled resources to start that strategic project?
- Do we need to seek external solutions to temporarily fill important resourcing needs?

The PPM Resource Management module provides real-time visibility and control over your resources to help you make the right decisions. It helps optimize your resource effectiveness across both the existing operational activities that run your business and the new initiatives that grow and transform your business. And it supports both agile and waterfall development methods.

Manage all resources

The PPM Resource Management module provides a holistic and real-time picture of resource supply (including resource roles, skills, and skill levels) across the entire organization. It also captures demands in real time for those resources from projects and operational activities that drive your business in providing up-to-date visibility into what resources and skills are required, and when they're needed.

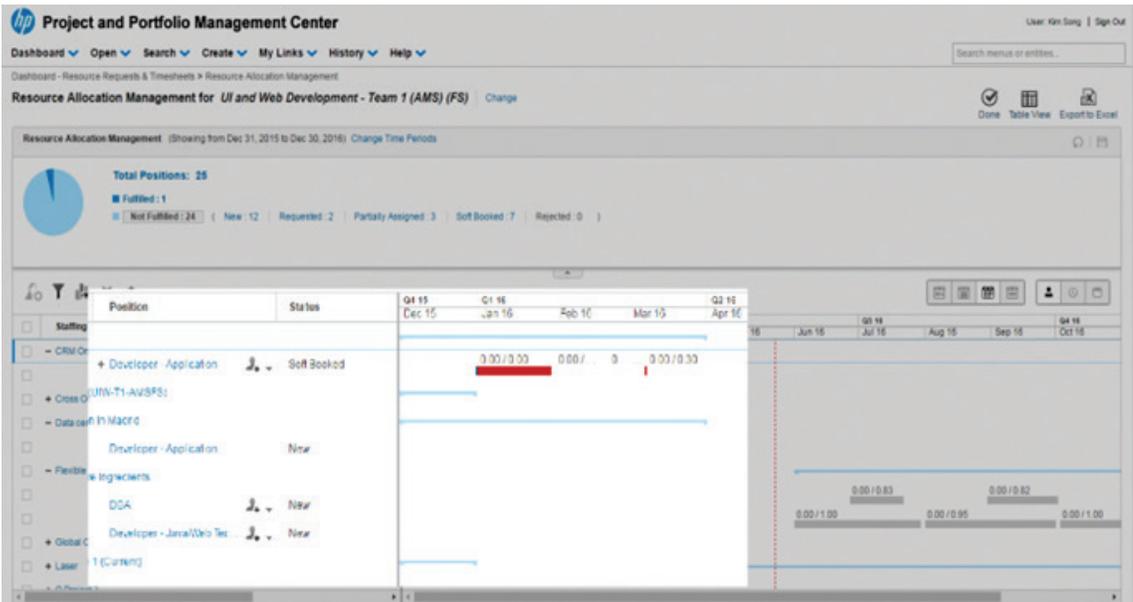


Figure 1: Resource Allocation Management across all projects

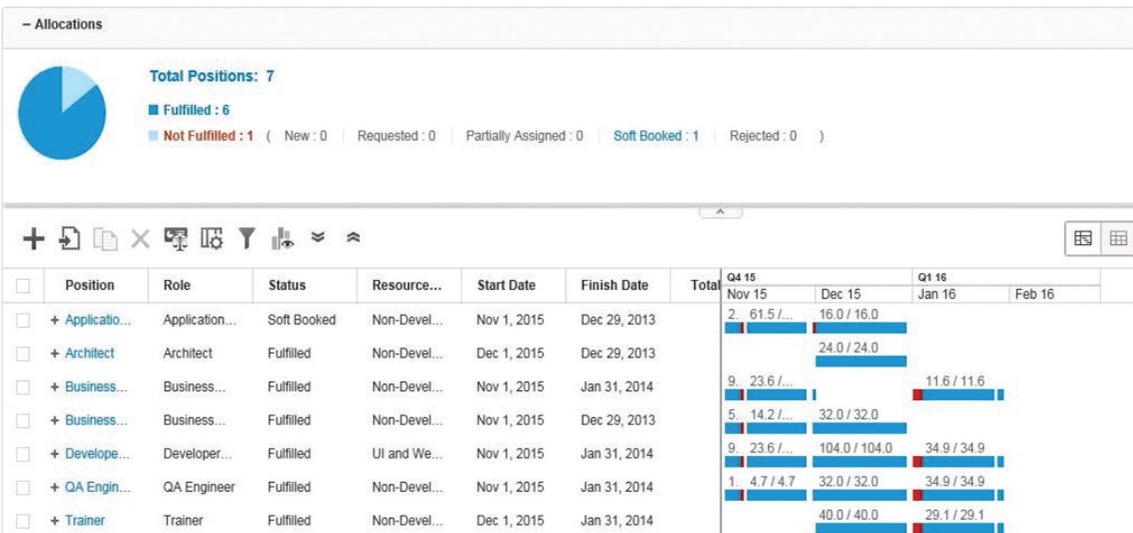


Figure 2: Sample staffing profile

This level of visibility into resource supply and demand gives you the information to make better decisions about where staff members should spend their time. To fulfill demand, you can allocate resources by name, position, role, or group and then track resource allocations against any work item. The Resource Allocation Management (as shown in figure 1) provides managers with a single location to review and manage all resource requests, helping managers quickly staff multiple projects at once.

Plan and schedule resources from top down or bottom up

The PPM Resource Management module makes it easy to plan and schedule your resources. Staffing profiles capture high-level resource requirements from a position or role perspective so you can forecast demand at a high level before schedule or assignment details are known. The project and portfolio management staffing profile supports managing all resource allocation requests from a single page, defining

resource needs with increasing detail as your project date approaches.

Resource management pools are used to model resource supply in a way that makes sense for your organization. By combining the functionality of both staffing profiles and resource pools, you can easily identify the need for more Java developers, marketing resources, or database administrators. You do not have to worry about whom to assign to a project six or 12 months in the future—improving the overall planning and decision-making.

Staffing profiles (as shown in figure 2) also improve your organization’s speed and responsiveness by helping you evaluate new project requests quickly (and adjust their scope) without spending weeks on detailed project planning. Once projects or activities are approved, you can build detailed assignments that specify the exact resources and dates for a set of tasks or activities. You can also search for suitable resources based on a number of different criteria.

Transitioning from top-down planning to bottom-up scheduling is seamless: Your project managers can assign resources they own, and then ask for resources from shared resource pools or external contractors for the remaining positions from within the PPM staffing profile. And with the forecast planning page, managers can easily view and edit staffing profiles for multiple projects from a single location. This helps them quickly understand the impact of resource changes for planned and in-flight projects and identify exceptions such as overutilization or underutilization, double bookings, or resources “on loan.”

Similarly, in agile environments, you can assign resources to teams that are assembled to complete the projects together, and agile team leaders can assign resources in stand-up meetings, within the system, or via whatever other method they normally make assignments. Then agile team members can input time spent on activities to provide accurate financial reports and milestone updates to executive management.

Enhance resource effectiveness

The PPM Resource Management module provides views (see figure 3) for analyzing to help optimize resource utilization, availability, and capacity in real time. Having real-time visibility into discrepancies

between the resources allocated to projects and maintenance work, and the actual assignments help your resource managers to share resources more efficiently.

Because the PPM Resource Management module provides visibility for both operational tasks and mission-critical and strategic projects, you can allocate resources to the highest-priority activities across groups and organizational units without overlooking anything or disrupting the schedule. The PPM Resource Management module provides a skills database that helps optimize

staffing of high-demand skills or roles and track utilization and availability by skill.

You can also map your organizational structure and the resources within it to drive application security—reducing maintenance requirements and simplifying administration. And through standard integration with Lightweight Directory Access Protocol (LDAP), you can leverage third-party systems to map resource attributes such as skill sets, manager, organization, and more, without rekeying data to reduce costs and increase your ROI.

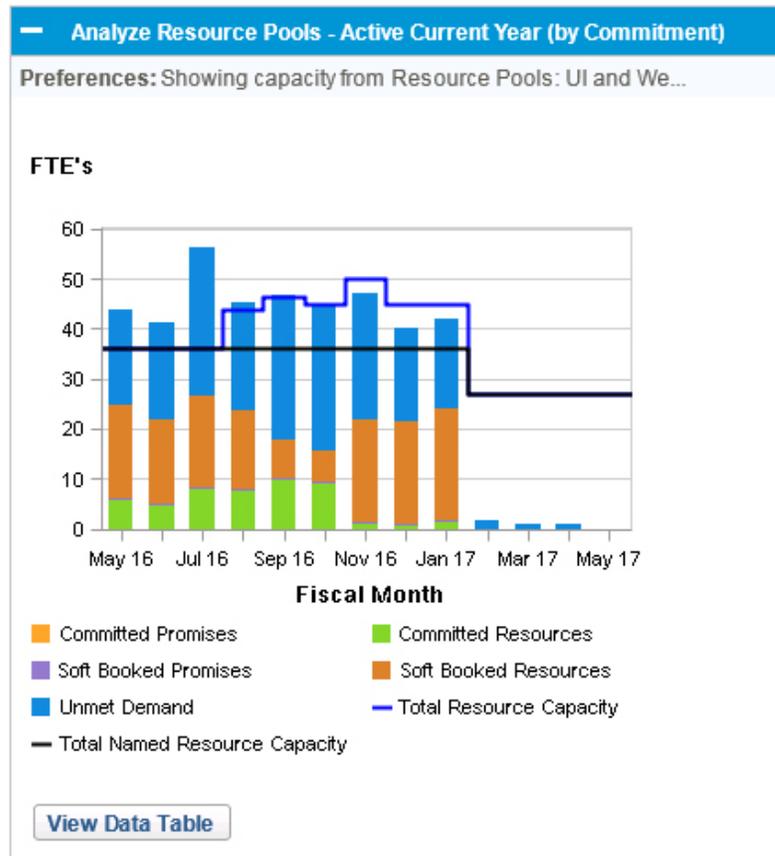


Figure 3: Analyze assignment load

How the PPM Resource Management module works

Individual resources with roles, skills, proficiencies, work calendars, rates, and productivity metrics are entered into the system or maintained through LDAP. Resource pools, including agile teams, reflecting groups of resource supply are created to meet demand from staffing profiles, project plans, and operational activities. Easy-to-use resource-pool search capabilities help you quickly identify and staff the right resources—in traditional or agile working environments. Automatic real-time updates and an enforced process help you keep resource allocations and utilizations up to date for effective high-level resource budgeting and detailed project planning, execution, deployment, and benefits realization.

Unlike other project and portfolio management systems, the PPM Resource Management module provides real-time visibility into capacity, assignments, utilization, programs, projects, costs, and overall IT demand in both traditional and agile environments—without the need for costly integrations to multiple data sources. The PPM Resource Management module gives you the power to increase the value that your resources deliver to the business.

Key features and benefits

- **Top-down and bottom-up support**—forecasts resource demand by roles for portfolio planning, then transitions through resource requests to detailed task and request assignments
- **Resource visibility**—provides supply and demand visibility into resources and resource roles and skill levels across the organization

- **Agile team management**—delivers the flexibility to create and manage agile work teams and capture output in terms of milestones or detailed work assignments
- **Resource search**—applies resource attribute filters along with availability information for finding the optimal resource to assign to a specific project, task, or other request
- **Enhanced resource effectiveness**—provides the visibility and processes for allocating resources to the highest-priority activities across groups, cutting costs, and reducing time-to-value
- **Real-time transactions**—captures the transactions that drive IT in real time, so resource utilization and status are up to date
- **LDAP integration**—lets you map resource attributes such as skills, proficiencies, manager, organization, and more

A complete solution

Comprehensive training

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Choose the delivery option that works for you

The PPM Resource Management module is offered as a software-as-a-service (SaaS) managed service or as an in-house solution. With either delivery option, you have the full power of the same, a complete toolset at your fingertips.

HPE Services

Get the most from your software investment

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