

# HP Application Lifecycle Management and HP Quality Center Enterprise

## What's New

Version 11.0

### Project planning and tracking\*

Project and quality assurance (QA) managers are able to centrally set a project plan and define the milestones (quality gates) and associated key performance indicators (KPIs), or exit criteria, for each task. HP Application Lifecycle Management (HP ALM), through its traceability capabilities, automatically updates the progress of the project, allowing risks to be highlighted upfront.

### Requirements management

**Business process modeling:** Import and display business process models (BPMs), visually representing and communicating defined business process flows. A requirements hierarchy is automatically generated and directly linked to the BPM, allowing for detailed drilldown to avoid the risk of requirements duplication or oversight.

**New Rich Text editor:** Enable rapid, easy adoption across your teams with a familiar rich content editor with the same functionality for data input as Microsoft Word. Content is fully searchable and reportable.

**Requirements templates:** Standardize and control your requirements by enforcing customized templates and workflows to facilitate the capturing of a requirement in a consistent structure across your entire organization.

**Traceability matrix:** Quickly identify traced entities, verifying all requirements are met, and identify changes to scope when they occur.

**Custom order requirements:** Simply reorder requirements with drag-and-drop functionality.

### Test configurations

QA can design tests that run according to different use cases—each with different sets of data—creating lower script-maintenance costs. Each test configuration can be directly traced to the requirement, resulting in better test accuracy and coverage.

### HP Sprinter

HP Sprinter dramatically reduces the time involved in manual testing, and improves accuracy. It provides:

- An easy-to-use, unobtrusive user interface
- A toolkit for screen capture and annotation, screen recording and capturing system information to improve communication with developers
- The above in a list of steps and actions taken for any defect submitted
- Automated data injection
- A recording of user actions during exploratory testing
- Mirror testing: The ability to replicate user actions on multiple computers with different configurations

### Reporting

**Project reports:** Easily design fully custom report templates to generate comprehensive reports displaying project data from HP ALM or HP Quality Center software to multiple output file types. These templates can be shared between users.

**Embedded web scorecards and graphs:** Design and generate comprehensive scorecards and graphs of project data that can be embedded in team SharePoint, Wikis or websites.



## Development management

Improve collaboration and communication with developers in their home environment via out-of-the-box integrations with:

- **Visual Studio/TFS:** Work directly on HP ALM/HP Quality Center entities within the Visual Studio integrated development environment (IDE), creating traceability between requirements, defects and source code. It also provides bi-directional synchronization of HP ALM/HP Quality Center requirements and defects with TFS bugs and work items.
- **Eclipse:** Work directly on HP ALM/HP Quality Center entities within the Eclipse IDE, creating traceability between requirements, defects and source code.
- **CollabNet:** Gain bi-directional synchronization of HP ALM/HP Quality Center user stories with TeamForge work tasks, creating traceability between requirements, defects and source code.

## Administration and integration

- **Side-by-side clients:** Run multiple clients connected to different versions of HP ALM and HP Quality Center servers (HP ALM 11; HP Quality Center 9.2, 10.0, 11.0).
- **Client installation:** Users can install the client on desktops without system administration rights.
- **Representational State Transfer (REST) application programming interfaces (APIs):** New web services technology enables simple integration with the HP ALM platform. The Synchronizer now leverages the REST APIs.
- **HP Quality Center Sense:** This internal monitoring tool collects data and reports on user actions performed in the user interface, and all client and server activity resulting from those actions.
- **Smart Repository:** This optimized repository system creates better performance for common actions, and reduces the size of the filesystem.

## Common platform with HP Performance Center software\*

HP Performance Center now shares a common platform with HP ALM. This allows organizations to leverage common, centralized requirements and defect management capabilities for functional, performance and security testing—delivering greater collaboration and improved efficiencies.

## New supported environments

- **Server:** Windows Server 2008 (64-bit)
- **Database:** SQL Server 2009 SP1; Oracle 11g RC2
- **Client:** Windows 7 (32-bit); Internet Explorer 8
- **Add-ins:** Microsoft Office 2010

## For more information

**Data sheets and white papers:**

[www.hp.com/go/alm](http://www.hp.com/go/alm)

**HP Community:** [www.hp.com/go/swcommunity](http://www.hp.com/go/swcommunity)

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\* Only available in HP ALM; not available in HP Quality Center Enterprise

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