

Blueprint and HP Quality Center Interoperability

OVERVIEW

Blueprint Requirements Center 2010 is integrated with HP Quality Center to deliver the industry's best requirements definition and management solution. Blueprint adds rich requirements visualization capabilities to any HP Quality Center project, empowering users to visually define, simulate, and validate requirements for complex software application projects.

HOW DOES IT WORK?

Blueprint Requirements Center 2010 empowers requirements authors to visually define all requirements including use cases, UI mockups, business process diagrams, textual lists, actors, glossaries, and attachments within a traceable workbench. Blueprint's visual simulation capability enables requirements authors to conduct stakeholder review sessions within an interactive experience -- enabling organizations to uncover issues at the start of an application development initiative.

Blueprint auto-populates all requirements into HP Quality Center's requirements management module. In addition, Blueprint provides the option to automatically generate 100% of the functional test scenarios and populate them directly in HP Quality Center's test management module while maintaining traceability with requirements management assets.

REQUIREMENTS UPDATE FUNCTIONALITY

Blueprint Requirements Center 2010 ensures that HP Quality Center's requirements management module is updated with any requirements changes. Through an innovative requirements update functionality, Blueprint Requirements Center users can see requirements flagged for further definition by HP Quality Center users. In addition, any changes to the requirements can be automatically merged into an existing HP Quality Center project.

HP Software
Certified Application



SOLUTION HIGHLIGHTS

- Expands HP Quality Center requirements capabilities to include rich requirements definition and simulation.
- Adds the capability to define use cases, UI mockups, business process diagrams, data, glossaries, and actors to an HP Quality Center project.
- Provides test case generation to populate HP Quality Center with 100% of the functional test scenarios to validate each and every requirement

BENEFITS

- Eliminate the rework caused by miscommunication and requirements errors.
- Conduct joint-analysis-and-design (JAD) sessions with visual simulation.
- Improve requirements author productivity.
- Accelerate test development through auto-test generation.

BLUEPRINT WORLDWIDE HEADQUARTERS

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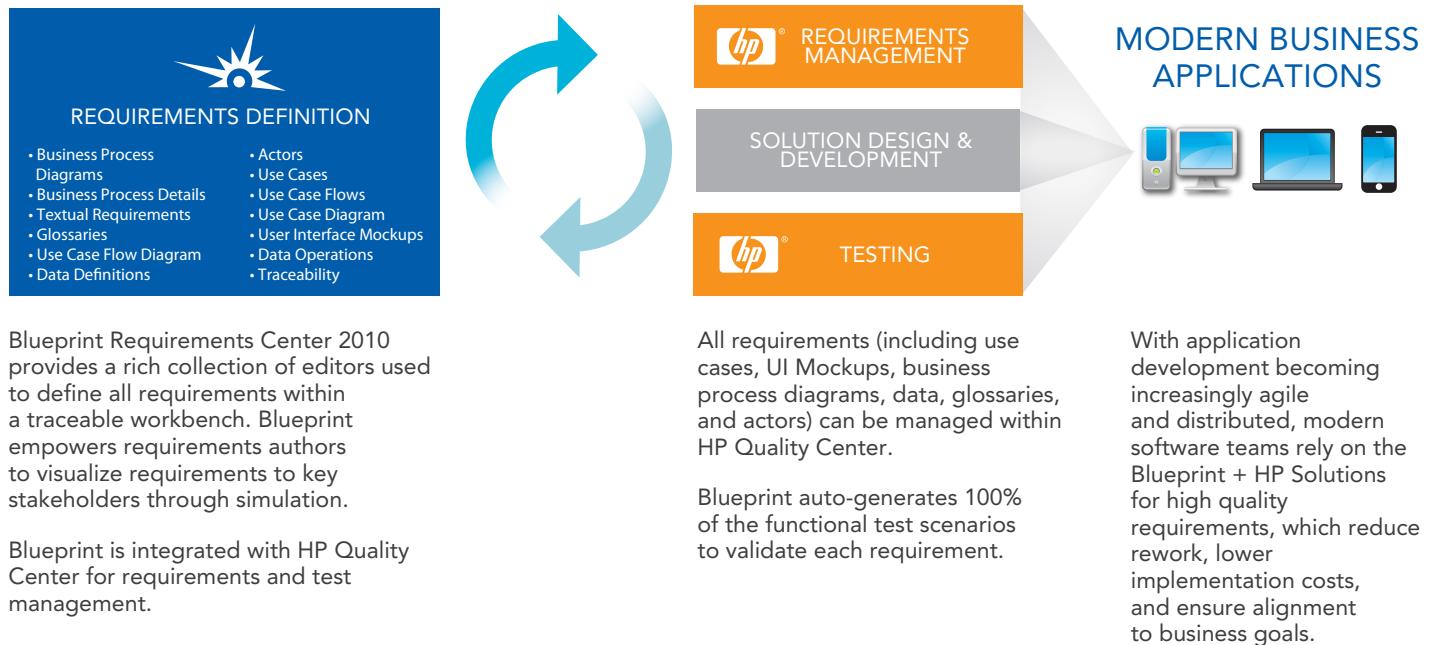
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REQUIREMENTS DEFINITION AS PART OF APPLICATION LIFECYCLE MANAGEMENT

Blueprint Requirements Center 2010's unique definition and visualization enables requirements authors to achieve alignment between business and IT stakeholders. Visual requirements become the foundation for the application lifecycle management effort to ensure that application functionality meets business goals.



Blueprint Requirements Center 2010 provides a rich collection of editors used to define all requirements within a traceable workbench. Blueprint empowers requirements authors to visualize requirements to key stakeholders through simulation.

Blueprint is integrated with HP Quality Center for requirements and test management.

All requirements (including use cases, UI Mockups, business process diagrams, data, glossaries, and actors) can be managed within HP Quality Center.

Blueprint auto-generates 100% of the functional test scenarios to validate each requirement.

With application development becoming increasingly agile and distributed, modern software teams rely on the Blueprint + HP Solutions for high quality requirements, which reduce rework, lower implementation costs, and ensure alignment to business goals.

FEATURES OF AN INTEGRATED BLUEPRINT + HP SOLUTION

REQUIREMENTS DEFINITION

Blueprint enhances HP Quality Center implementation by providing a complete workbench to define all requirements.

Blueprint provides requirements authors with editors to define textual lists, use cases, business process diagrams, data, actors, and glossaries.

Finalized requirements can be managed from within HP Quality Center with complete visibility to relationships and traceability to supporting materials.

REQUIREMENTS SIMULATION

Blueprint's unique visualization capability enables requirements authors to simulate all requirements together.

Simulation enables stakeholders to visually consume requirements through step-by-step interactive review sessions.

Through integration discussion threads, Blueprint simulation exposes requirements issues early, eliminating the miscommunication that results in costly rework.

REQUIREMENTS UPDATE

Blueprint has an integration with HP Quality Center to manage feedback and change.

Through Requirements Update, HP Quality Center users can flag requirements for review. Changes to requirements can be automatically merged into HP Quality Center without disrupting existing projects. In addition, requirements from Blueprint take advantage of the built in version control system in HP Quality Center.

TEST GENERATION

Blueprint can be configured to generate 100% of the functional tests that validate each and every requirement.

As part of the integration, tests are auto-populated into HP Quality Center for Test Management.

Blueprint maintains traceability between the auto-generated tests and the corresponding requirements, enabling functionality of risk-based-testing within HP Quality Center.