



HP Business Process Testing software

Data sheet



Bridge the quality gap between subject-matter experts and quality engineers

Do miscommunications and misaligned priorities between subject-matter experts and quality engineers result in time-consuming test rework? Does limited subject-matter expert involvement during testing lead to defects and breakdowns in your critical business processes? Are defects found in production instead of by your functional testing team—hurting your group’s credibility? Do you need a solution that streamlines the creation and maintenance of both manual and automated test cases?

HP Business Process Testing is a comprehensive, role-based test design solution that overcomes these challenges and bridges the quality gap between your subject-matter experts and quality engineers. As it is Web-based, your subject-matter experts can build, data-drive and execute manual and automated tests without any programming knowledge.

HP Business Process Testing reduces the overhead for test maintenance, and combines test automation and documentation into a single effort. You can measure the quality of your application deliverables from abstract business definitions defined within the HP Business Process Testing framework. Your subject-matter experts

can focus on creating high-level test flows that mirror actual business process, and execute these test cases manually with no additional work. Alternatively, your quality engineers can automate the test library.

How HP Business Process Testing works

HP Business Process Testing introduces the concept of reusable business components for test design. This construct drastically reduces your test maintenance and improves efficiency for test creation. It lets you create data-driven manual test libraries in a fraction of the time of traditional test design solutions.

To accelerate test automation, the software uses a technology known as “table-driven” or “keyword-driven” testing. This next-generation approach to test automation introduces best practices into your test design and gives you a complete solution for test design, maintenance, and execution. After you design a manual test case in HP Business Process Testing, it is easy to automate.

Comprehensive test development

HP Business Process Testing provides a Web-based, script-free test development environment. You can design tests using abstract terms and definitions, and the product abstracts test data from test flows for streamlined test development. You can create rows of data conditions in a table to trigger test conditions during execution.

HP Business Process Testing software is an automated and manual functional testing solution for test design, test creation, test maintenance, test execution, and test data management. It aligns testing with business objectives and dramatically reduces test cycle times by leveraging business subject-matter experts in the test design and quality optimization process, automating the creation of test plans, and streamlining test maintenance for application change.

The software is also role based, allowing non-technical subject-matter experts to define test cases in a browser early in the software development lifecycle. These subject-matter experts define test flows through an easy-to-use interface by declaring what steps to take and what data to use. They can then execute the test cases manually through the HP Quality Center software test lab with no additional effort.

For automation, HP Business Process Testing lets your quality engineers leverage HP QuickTest Professional software to automate component test definitions. Through reusable business components, your subject-matter experts can leverage these same automated assets when designing future test cases with no rework.

Begin your test design early in the software development lifecycle

HP Business Process Testing lets you begin quality assurance (QA) efforts earlier in the application development lifecycle. Through the use of keyword-driven testing, test automation can occur offline, even before the application flows are stable enough to be recorded.

Automatically maintain test cases and test plan documentation

Through business component technology, HP Business Process Testing also streamlines the maintenance of testing assets, as both manual and automated testing definitions can call highly reusable business definitions.

These business components centralize test maintenance in one repository. Furthermore, the software generates test plan documents (in Microsoft® Word format), based on test definitions created with HP Business Process Testing.

Accelerate the testing of SAP applications

HP Business Process Testing software for SAP applications is an extension to the standard HP Business Process Testing product. It is designed specifically to support SAP application implementations and upgrades. When new business flows are introduced in an SAP application, HP Business Process Testing can learn these flows and intelligently break them down into a set of fully automated, reusable business components. It makes the maintenance of your SAP test library easy by automatically detecting changes in the SAP application and updating your tests.

The software goes further than any previous solution in making the SAP quality process simple and cost-effective. To further accelerate your SAP application testing project, HP Software partners can provide pre-built business components that are uniquely tailored for each customer and can be quickly updated as the SAP application changes.

Part of HP Quality Center

HP Business Process Testing is part of HP Quality Center software, an integrated set of capabilities and best practices for automating key quality activities, including requirements management, test management, defect management, functional testing, and business process testing. With HP Business Process Testing, you can test more thoroughly and catch more defects and release better applications in less time than previously possible.

Key features and benefits

- Allows non-technical subject-matter experts to quickly build, data-drive and document tests in one Web-based system
- Eliminates the need for programming to automate business process flows
- Reduces the effort required for test maintenance by deploying centralized business components for both manual and automated tests
- Allows you to start test automation earlier in the development lifecycle, even before an application is delivered to QA
- Generates test plan documentation automatically through an innovative auto-documentation feature
- Allows testing teams to spend more time executing and analyzing tests by decreasing the time needed for test planning, test creation, and test maintenance
- Enables User Acceptance Test (UAT) to deploy automation

- Centralizes test maintenance so application changes are automatically propagated through automated test assets

HP Services

Get the most from your software investment

With HP, you have access to standards-based, modular, multi-platform software coupled with global services and support, for all aspects of your software application lifecycle needs. The wide range of HP service offerings—from online self-solve support to proactive mission-critical services—enables you to choose the services that best match your business needs.

For an overview of HP software services, visit www.managementsoftware.hp.com/service.

To access technical interactive support, visit Software Support Online at www.hp.com/managementsoftware/services.

To learn more about HP Software Customer Connection, a one-stop information and learning portal for software products and services, visit www.hp.com/go/swcustomerconnection.

Service Management Services

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Mission Critical and Proactive Services

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A complete solution

Comprehensive training

HP provides a comprehensive curriculum of HP Software and IT Service Management courses. These offerings provide the training you need to realize the full potential of your HP solutions, increase your network optimization and responsiveness, and achieve better return on your IT investments.

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