



HP Change Impact Testing module for SAP applications

Data sheet



HP Change Impact Testing module for SAP applications reduces the time, cost and risk of making changes to SAP systems. It analyzes changes and recommends a test strategy that focuses specifically on impacted business processes, so that you can make go-live decisions with confidence.

Manage the changes to your SAP applications

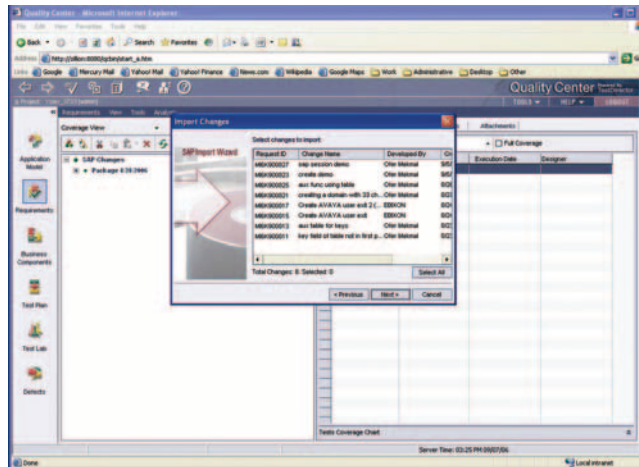
Once your SAP applications are in production, you constantly need to apply changes. Some changes are requested by a line of business and are developed

locally, while others are introduced by SAP support packs and SAP hot packs. Although your business requires fast change cycle times, you need to mitigate the risk of disruption to critical business processes and allocate testing resources efficiently.

Typically, quality assurance (QA) teams do not know exactly how a change impacts transactions and other SAP entities. Most organizations do not have enough SAP experts to analyze every code or data dependency. Therefore, many teams test the complete application functionality, often manually with hundreds of testers at a high cost. Alternatively, tests may be chosen by guesswork or not executed at all. This leaves your applications vulnerable to unexpected quality problems or outages at enormous potential cost to the business.

Analyze SAP applications

You can import changes from the SAP Correction and Transport System for analysis.



To address these challenges, QA organizations need a solution that can:

- Perform comprehensive analysis of customizations and modifications to SAP applications
- Evaluate the trade-offs among change impact, business risk and testing time
- Increase the return on testing activities and help you make go-live decisions with confidence

Reduce risk, test cycle times and costs

You can reduce business risk, test cycle times and costs using a top-down, business process-focused approach to manage requirements, test assets, defects and application changes seamlessly. The HP Change Impact Testing module for SAP applications is part of the HP quality process for SAP applications, a complete solution for aligning testing activities with documented business processes and accelerating the creation and execution of SAP test plans.

HP Change Impact Testing for SAP applications provides an automated process for identifying changes, analyzing technical impact, evaluating business risk, optimizing the test strategy and creating a test execution plan. It helps QA teams make informed decisions as they allocate testing resources to large volumes of change requests.

The granular and comprehensive coverage of changes provides impact visibility even to non-experts. As part of a quality assurance solution, the software specifically highlights the areas where testing is most critical. For example, it recommends user transactions above standard transactions and associates SAP table

changes with the key transactions that use those tables. With HP Change Impact Testing for SAP applications, you get expert recommendations on SAP testing priorities.

How HP Change Impact Testing for SAP applications works

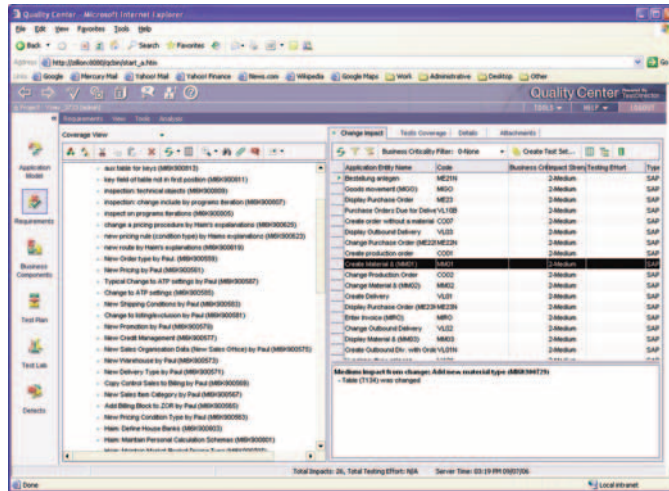
Importing SAP changes: Changes are selected for analysis through an easy-to-use wizard in HP Quality Center software, integrated quality management software. All changes are read directly from the SAP Correction and Transport System, and you can select specific transport IDs on which to work.

Change impact analysis: HP Change Impact Testing for SAP applications determines the impact of a change through an in-depth analysis of dependencies between changed objects and higher-level entities such as transactions. The software pinpoints the most critical objects for testing and provides testing recommendations based on best practices from a wide range of QA organizations. HP Change Impact Testing for SAP applications also highlights the impact to functional areas, such as security, which are not tested on a transaction basis.

Business risk analysis: HP Change Impact Testing for SAP applications maintains a model of your SAP applications and the transactions you use in your organization, including third-party and user transactions. Subject-matter experts can assign business criticality levels to specific transactions or remove unused transactions from the model. The model is preconfigured to reflect best testing practices, and you can override the configuration at any time.

Determine trade-offs

You can explore the trade-offs among change impact, business risk and testing time, and create a test set.



Test set generation: QA managers can interactively explore the trade-offs among change impact, business risk and QA resource availability in order to choose an optimal set of tests. By maintaining a central repository of tests in HP Quality Center, teams can easily reuse test cases for future SAP changes. Tests can map to SAP entities, so testers know which tests to run for each affected entity.

Part of HP quality process software for SAP applications

You can use HP Change Impact Testing for SAP applications with HP Quality Center, HP Business Process Testing software, the HP Enterprise Integration module for SAP applications and other components of the HP quality process for SAP applications, an integrated set of software, services and best practices for automating key SAP quality activities. HP Change Impact Testing for SAP applications is also an integral part of the HP application change lifecycle for SAP applications, an end-to-end solution for managing change from an initial request through final release of a change into production.

Key features and benefits

- Imports changes from the SAP Correction and Transport System directly into HP Quality Center
- Performs a comprehensive analysis of changes and determines the impact on transactions and other SAP entities
- Maintains a model of an SAP application with the business criticality of each entity
- Facilitates an automated process for evaluating the trade-offs among change impact, business risk and testing time
- Accelerates testing cycles by focusing testing only on what matters
- Gives visibility into application readiness and lets you make go-live decisions with confidence
- Delivers a key part of the HP application change lifecycle management solution for SAP applications

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