

# SAP® with model-based testing

Connect testing priorities to business relevance

## Benefits

- Intelligently convert business process models into paths and tests
- Take advantage of AI codeless testing integration
- Align testing with business requirements with smart coverage strategies
- Receive extensive SAP support

Ensure SAP® releases work for your business by connecting testing priorities to business relevance. Use business process models to accelerate and focus test automation design and creation. Achieve highly relevant and robust end-to-end automation with reduced time and effort.

Enterprises modernizing an SAP deployment or adopting a new one have questions they need to answer before having the confidence to go live. Will it work? Will business users be able to do their jobs in the new system from the outset? From Quote to Cash through Procure to Pay and hundreds of other processes in SAP, will users be able to complete their day-to-day activities?

The answers to these questions come from testing. However, for large, multifaceted deployment projects this can also seem overly complex. What tests need to be designed, automated, and run? How do you ensure testing priorities are connected to the expected business use? How do we manage all that testing without slowing release velocity?

Model-based testing answers these questions by offering a structured way to accelerate the automation of your SAP testing to ensure you test the most pressing business concerns first.

Enterprises with SAP define and control the way they work through business processes covering everything from onboarding employees, order fulfillment, and shipping. Businesses organize themselves, their personnel, and software to support those tasks. Business Process Management is how you capture, control, and improve activity flows and the Business Processes Model Notation (BPMN) is a graphical representation documenting the process.

Through Business Process Mining solutions, such as SAP Signavio® or Celonis™, enterprises are automatically discovering what processes are really being followed, with what frequency, and producing business process models to show that. SAP even publishes BPMN files that correspond to their Best Practice as part of the SAP Activate® deployment methodology for customers to use.

## Model-based testing impact on SAP testing

These business process models accurately and comprehensively define what activity streams the business needs to complete and what functionality the supporting SAP software needs to have. As an SAP tester, you need to ensure that your users will be able to complete the expected process. With model-based testing, you simply import the pre-defined models, use a coverage strategy to automatically divide them into paths, and then automatically create associated model-based test containers.

These can be run right away manually or form the basis for creating intelligent based automated tests with the embedded AI Codeless tool or OpenText™ Functional Testing solution, which combines a breadth of technology support with AI-driven capabilities. It is easy to use and provides the script required to achieve automation at scale, enabling you to test earlier, faster, and longer.

This approach reduces test creation time and ensures you are creating modular structured tests. Focus on what really matters first and align to what the business activities are in the system under test.

Feature	Description
<b>Extensive SAP support</b>	Cloud-based AI-object detection support for SAP GUI®, SAP Fiori®/UI5®, S/4 HANA®, SAP Web Dynpro®, SAP WebGUI®, SAP NetWeaver® Business Client® for Desktop/HTML and SAP Cloud Applications, such as Ariba®, Concur®, SuccessFactors®, among others.
<b>Extend Selenium capabilities</b>	Selenium scripts, which are already designed to automate user interactions with SAP systems, can be directly integrated into frameworks, enabling comprehensive testing of complex scenarios with minimal additional investment.
<b>Intelligently convert your BPMN</b>	A pre-built path to test conversion strategies. Simply select the coverage and model-based testing does the work to create paths and add tests to the model.
<b>Comprehensive technology stack</b>	Gain integration access to automated testing of 200+ GUI and API technologies across mobile, web and desktop, including of course all SAP technologies and interfaces.
<b>Codeless testing</b>	<p>Native integration with AI-object detection empowers you to create codeless, resilient tests that require significantly less maintenance. This is ideal for less technical colleagues who are more comfortable with a drag-and-drop, click based interface.</p> <p>Codeless tests are saved in the cloud and can be seen on its own interface.</p>
<b>Import exiting BPMN diagrams</b>	Simply import models en masse to provide your test automation effort with a kickstart. Alternatively, use the native modeler to create and edit right inside the solution.
<b>Integration with OpenText Functional Testing</b>	Automate your tests using OpenText Functional Testing or run as manual tests until automation is completed.
<b>Integrated DevOps ecosystem</b>	CI/CD integration provides the ability to reuse OpenText Functional Testing scripts held in your GIT-based repository. Manage distribution and execution as part of your DevOps pipeline understanding status along with other testing results.

## Accelerate end-to-end testing of enterprise-grade apps

Clearly see what activities and steps users of your application under test need to complete. Cover these paths (or variances) to ensure everything is working before go-live in any application you have modeled.

The solution can automate testing in combination with all the supported technologies of OpenText™ UFT One, including more than 200+ GUI and API technologies across mobile, web, desktop, and mainframe such as SAP, Salesforce®, Java®, and Citrix®.

## Associated OpenText products

OpenText Functional Testing

OpenText Core Software Delivery Platform with Functional Testing

## Resources

[Quality acceleration for SAP solution modernization >](#)

[OpenText Functional Testing in SAP Store >](#)

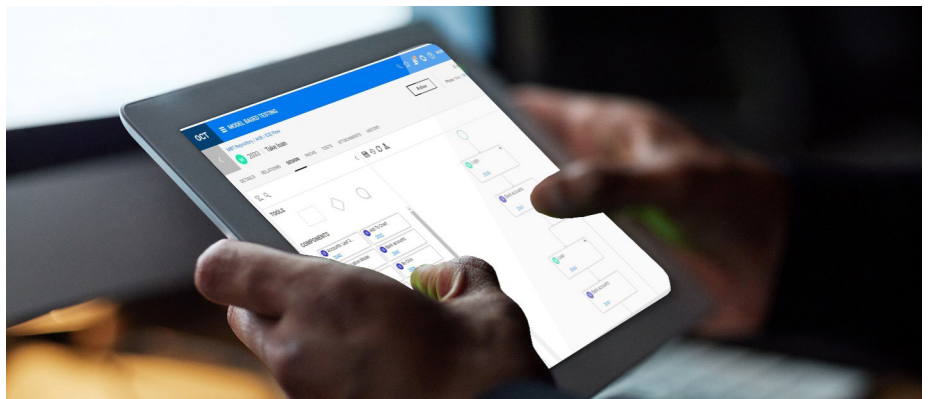
## Extensive SAP support with integration into OpenText UFT One

Get full access to features, including AI-based and native object recognition, for SAPGUI, SAP Fiori/UI5, S/4 HANA, SAP Web Dynpro, SAP WebGUI, SAP NetWeaver Business Client for Desktop/HTML and SAP Cloud Applications such as Ariba, Concur, SuccessFactors, etc. Regardless of what SAP product is undergoing testing, your efforts will be reduced with the capability to build robust automation including the use of advanced AI.

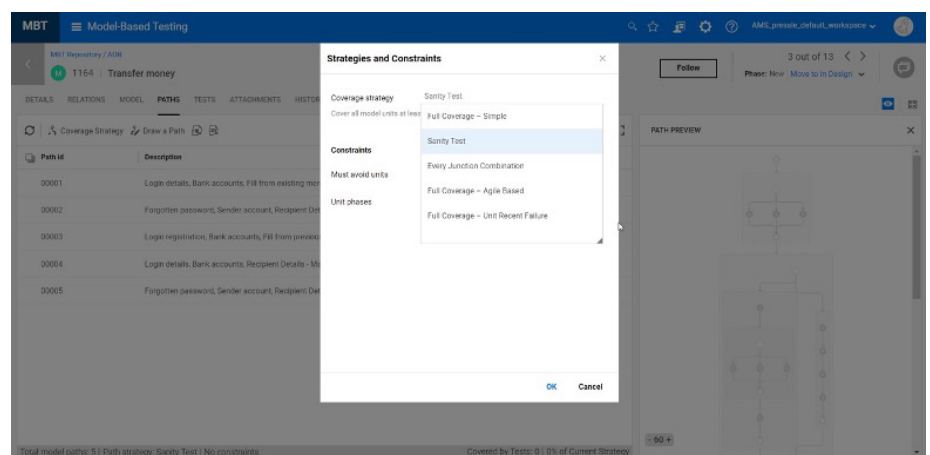
## Part of an enterprise Agile platform

Model-based testing is built into the OpenText Core Software Delivery Platform and fully integrated into your lifecycle platform for Agile and test management. Understand the wider context of test creation and execution efforts with easy connection to requirements, backlogs, results, and application modules. Manage the defects you find and see the results of SAP testing across the enterprise.

Model-based testing is a Shift-Right governance and management platform for functional test automation. Bring together business analysts and QA professionals by aligning tests with critical business processes. Optimize test coverage, reduce risks, improve collaboration, and increase the accuracy of functional tests.



Drag and drop units into an easy to visualize graphical canvas.



Select a coverage strategy to create model-based tests.