

# smartTEST

For faster, better quality and simpler testing and quality assurance of custom SAP development

## FASTER, EASIER, LESS ERROR-PRONE TESTING

smartTEST from smartShift provides unique testing capabilities for ABAP programmers and quality assurance professionals who want to significantly reduce the time and effort needed for error-checking custom SAP development. With smartTEST you can automatically check for, and eliminate, defects in custom ABAP code as part of your development and maintenance process embedded into the SAP CTS.

It's frequently difficult for developers to see the implications of their changes on the rest of the application custom code. Unlike other ABAP testing solutions, smartTEST is the only solution that identifies interdependencies between system elements, revealing where a single change in the code impacts multiple system elements such as interfaces, screens, data elements and more. Without insights into these interdependencies, developers are forced to test everything, adding extra time and cost.

smartTEST tracks only what needs to be tested and provides confirmation after the actual testing and so frees developers from repetitive, manual tasks while maximizing code development throughput and quality.

smartShift's automated smartTEST helps your testing efforts, making testing faster, easier and less error-prone. In addition to adding value during a single upgrade event, our testing tool can be leveraged continuously throughout the application lifecycle to improve quality of your ABAP code.

## HIGHLY FOCUSED TARGET TESTING IS THE KEY TO YOUR SUCCESS

The core of our solution is our unique parsing technology which provides in-depth knowledge about technical objects, their interdependencies all stored in our meta-model. With this information, we know the dependencies from the transaction level down to a single data element. The information from the dependency analysis is combined with our knowledge about which object changes have occurred across source

and target systems including release upgrade, Enhancement Packs and new development. smartTEST determines what objects are currently being used, and ensures that everything that needs to be tested, is actually tested.

This approach helps our clients perform highly-focused targeted testing, saving time and costs, while providing confidence in their testing efforts.

## BENEFITS

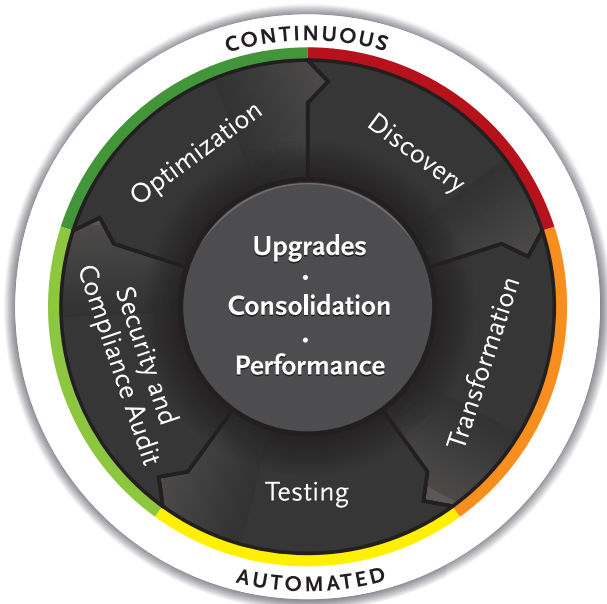
- Automation minimizes time and resources needed for test and fix cycles
- Continuously detects and corrects custom code issues
- Tracks quality metrics to improve coding efficiency and code maintainability
- Eliminates unused code to reduce testing effort
- Frees developers from repetitive tasks

## FEATURES & CAPABILITIES

- Dependency Analysis – uncovers all dependencies within your system
- Usage Analysis – what objects are currently being used?
- Impact-Analysis – what needs to be tested?
- Test coverage analysis – is everything tested which needs to be tested?

## OTHER SERVICES

smartShift offers smartDISCOVERY, smartTRANSFORM, smartTEST, smartCOMPLIANCE and smartOPTIMIZE. These core components can be purchased individually or bundled in a variety of solution sets - Upgrade/Unicode Solution, Consolidation Solution, Performance Optimization Solution.



## DEPLOYMENT MODELS

You can choose from a range of deployment models including SaaS, remote or onsite services or through System Integrators such as Accenture, Capgemini, IBM, SAP and many others.

## TRIAL ANALYSIS: FAST. DETAILED. FREE.

A free trial analysis is an easy way to become familiar with our SaaS solution and to obtain a substantive analysis of your custom ABAP code. Get results that highlight the scope of our comprehensive overview and detail reports, including:

- A summary of all detected issues, grouped by severity
- Previews of smartShift automated Transformation results (before / after comparison)
- Detailed information and a roadmap for automated system transformation

## WOULD YOU LIKE TO TRY IT?

<http://www.smartshiftme.com>

## ABOUT SMARTSHIFT

smartShift, a Cambridge Technology Enterprises (CTE) company, is the leading provider of solutions for automated optimization of SAP custom code. smartShift uses patented technology, tightly integrated with best practices methodology. Perfected over two decades and hundreds of customer implementations, smartShift solutions are designed to deliver results in very tight timeframes at lower costs.

## LEARN MORE

Learn more about smartShift's automation solutions and find out how to set up a quick trial analysis by emailing [dave@smartShiftgroup.com](mailto:dave@smartShiftgroup.com) or calling:

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