

# smartShift ABAP Development and Quality Assurance Solution

Faster, Easier, Less Error-prone ABAP Development, Maintenance and Quality Assurance

## REDUCE DEVELOPMENT, MAINTENANCE AND Q/A TIME AND EFFORT

smartShift's maintenance, development and ABAP quality assurance solutions are for SAP professionals who want to significantly reduce the time and effort needed to create and approve custom SAP applications.

smartShift offers the only comprehensive solution that integrate with SAP's Change Transport System to find and automatically fix issues in ABAP custom code during the development, maintenance and QA process.

Unlike other SAP code-checking approaches that only find coding errors and require repetitive manual intervention to fix issues, smartShift's maintenance, development and ABAP quality assurance solutions provide a powerful and repeatable approach that automatically fixes ABAP code errors before testing to ensure code quality and optimized performance of your SAP custom applications.

## FIND AND FIX ABAP PROGRAMMING ERRORS BEFORE TESTING

Developers are human – they sometimes make mistakes. And a small number of defects can lead to many hours of rework. On top of that, coding mistakes can be hard to find. So, imagine if your developers had an assistant that could find and fix their coding issues before submitting their work.

And what if you could give your QA teams a way to quickly examine the code they receive – from in-house or third-party development teams – for efficiency, performance, security and compliance to SAP and company coding standards?

smartShift's maintenance, development and ABAP quality assurance solutions gives our customers these capabilities in a way that saves time and effort, lowers costs, and provides them greater confidence in their development and QA processes.

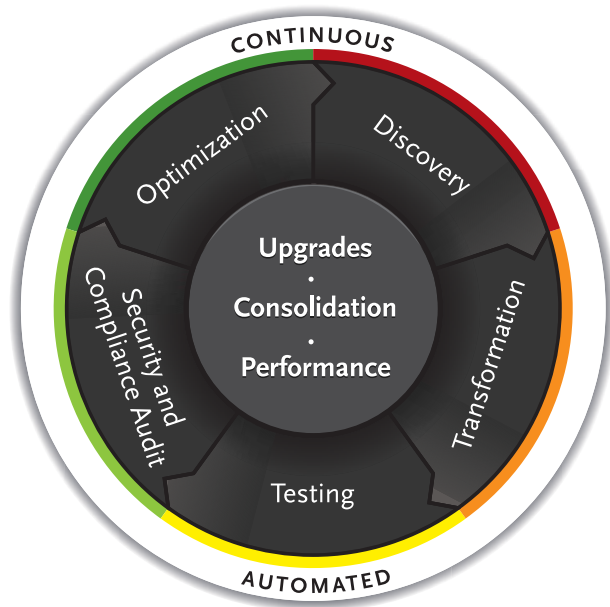
## BENEFITS

- Finds, and automatically fixes, coding errors and potential runtime errors during development, maintenance and QA
- Reduces testing time and effort
- Integrates with native SAP development process
- Optimizes efficiency and performance of custom SAP applications
- Ensures compliance to company-specific coding standards
- Enforces use of more efficient and easier to maintain SAP-recommended up-to-date coding constructs and syntax
- Drives security and regulatory compliance
- Helps developers apply the latest company and SAP coding practices
- Manages and monitors external development teams

## FEATURES

- Rules-based automated error detection and correction
- Integrates with SAP CTS
- Asynchronous, scalable process
- Configurable rule groups per system of origin
- Automated integration with smartShift for objects in the developer's Transport
- Real-time messaging of analysis completion via SAP Workflow (Inbox)
- SAP GUI-based review of results at object level (Issues and Before/After views)
- SAP GUI-based accept/reject of proposed code changes
- Two-step object versioning for rollback

**SaaS web-based implementation available**



## OTHER SERVICES

smartShift offers smartDISCOVER, 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, Dev/QA Solution and BW Performance 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. SAP has even selected smartshift's code discovery capabilities to use in its Upgrade Assessment Service.

## 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)

[www.smartshiftme.com](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 time frames 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 [michael.klomfass@smartshift.de](mailto:michael.klomfass@smartshift.de) or calling:

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