

# smartDISCOVERY

For faster, better quality and less expensive conversion, migration and custom ABAP™ code optimization

## ANALYSIS COUPLED WITH ACTION

smartShift from CTE provides unique and deep analysis of SAP custom ABAP code for organizations that want to efficiently and thoroughly improve SAP enhancements.

Unlike other SAP custom code analysis approaches that look at object-level code, smartDISCOVER examines the custom ABAP at the source-code level and shows immediately how to automatically fix uncovered categories of issues.

- Syntax / UC Errors
- Performance
- Potential Runtime Errors
- Security
- Stability
- Coding Standards
- Maintainability
- Architecture

smartDISCOVER is the only ABAP code analysis solution that directly links to automated code remediation capabilities. This unique link cuts months of time, resources and expense from any upgrade, consolidation or performance optimization projects, while also enabling important quality assurance remediation that previously was impossible to deliver.

## BENEFITS

- Link to issue detection to automated issue correction
- Reduce SAP Custom ABAP project costs
- Scope projects accurately that complete on time
- Improve code quality, stability and system performance
- Mitigate project risk
- Deliver better results to customers faster

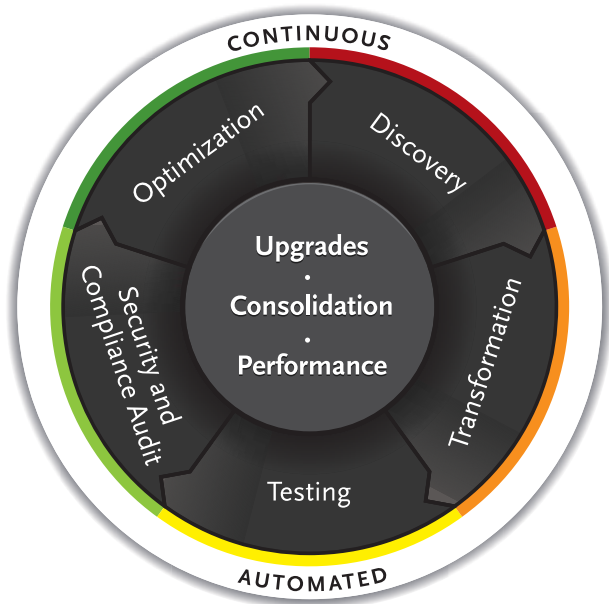
## FEATURES & CAPABILITIES

The first step for all ABAP release upgrade, Unicode enablement, performance optimization, system consolidation, quality assurance and code management projects is deep and comprehensive custom code analysis using smartDISCOVER.

- Analysis of all ABAP code resources
  - What is broken: release upgrade and Unicode errors
  - What might break: potential runtime errors and warnings
  - Where can code be optimized, enhanced or retired
- Clone detection of SAP Standard modules and identification of duplicate custom programs
- Custom program usage analysis with identification and analysis of dependent objects
- BDC object identification and changes required to BDC objects in an upgrade
- Identification and replacement of calls to obsolete SAP standard function modules
- Discovery of redundant, or obsolete, code and objects
- Identification of differences between dev/test and production systems
- SAP Code Inspector and UCChecker integration
- No requirement for production system access; no access to proprietary data

## 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. 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)
- 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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