

# Nine out of 10 CIOs hate their jobs.

...when it's time to deal with outdated SAP custom code. They tell us that the pressure to continually optimize performance, actually keeps them awake at night.

## YOU KNOW THE PROBLEMS. SMARTSHIFT HAS THE SOLUTIONS.

Code-freeze time. Manual remediation. Costly consolidations and upgrades that only advance you to where you should already be. These and other custom code nightmares can make even the most dedicated CIO dread going to work.

smartShift, a Cambridge Technology Enterprises (CTE) company, is the leading provider of solutions for automated optimization of complex IT systems. smartShift uses patented technology, tightly integrated with best practices methodology. Perfected over two decades and hundreds of customer implementations, our total solution is designed to deliver results in very tight timeframes.

*Only smartShift offers a comprehensive tools-based solution that automatically detects — and corrects — up to 99% of issues and errors in SAP custom code.*

Sure, other providers offer tools that can analyze problems. But only smartShift offers a patented issues detection and correction solution that performs automatically — without manual intervention and without errors. All while dramatically improving system performance and stability.

## SAVE TIME, MONEY AND YOUR SANITY.

SAP system upgrades, consolidations and performance overhauls are recognized time and budget burners. But older, less stable custom ABAP code is not only expensive to maintain, it diverts limited staff from other strategic initiatives.

Time is money and smartShift can save you both with upgrade times that are at least 60% faster. That means weeks, not months. And you'll end up light years ahead, with performance, security and stability accelerated far beyond the status quo. Imagine, leapfrogging to the future in less than 30 days!

## SERVICE. SUPPORT. PEACE OF MIND.

As specialists in automated IT system optimization, you can count on smartShift to bring a lot to the table. In addition to our patented, client-tested tools and technology, you can expect service, expertise and one-on-one support. You can expect increased security and compliance with internal and external guidelines. You can expect better results, faster... and a little more job satisfaction, too.

*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).*

## WHY SHIFT TO AUTOMATION?

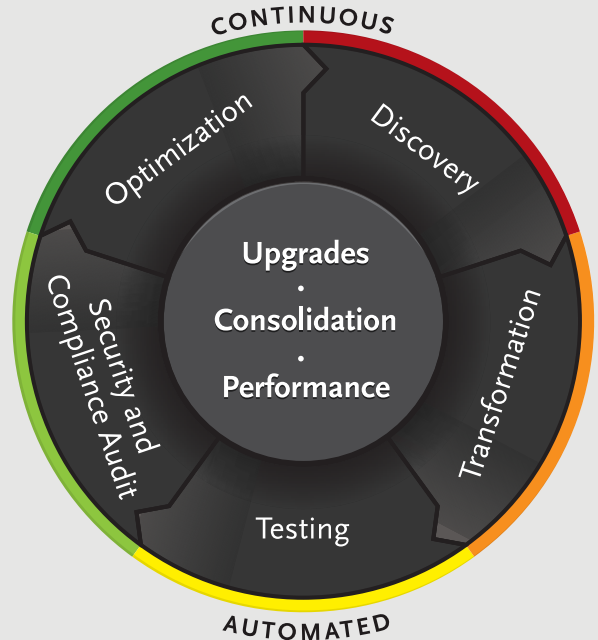
smartShift's patented technology lets you virtually eliminate manual, iterative coding and testing.

Companies of all sizes, all around the globe rely on smartShift's solutions. Our SI partners such as Accenture, Capgemini and IBM use smartShift automation tools to deliver solutions to their customers. Even SAP uses smartShift's solution for ABAP custom code analysis and remediation in their Upgrade Assessment Service. Here's why:

- Reduce time, complexity and cost
- Improve quality and system stability
- Mitigate risk throughout the SAP lifecycle
- Deliver results at least 60% faster

Plus, you can choose from a range of deployment models including SaaS, remote or onsite services or through System Integrators.

## Solutions for the SAP Custom Code Lifecycle



### DISCOVERY

- Deconstructs SAP ABAP custom source code, creates an analytical model
- Analyzes relationships between programming elements
- Provides high-speed impact analysis for remediation
- Detects used and unused code, identifies issues to fix

### TRANSFORMATION

- Accelerates remediation by automatically correcting up to 99.9% custom ABAP code
- Eliminates error-prone manual iterative coding and testing
- Delivers stability and performance improvements
- Complete code remediation in less than 30 days

### TESTING

- Automatically focuses testing only where it is needed
- Ensures that everything that actually needs testing is actually tested
- Minimizes time and resources required to test and fix cycles
- Reduces testing effort by eliminating unused code base
- Frees developers from repetitive tasks

### SECURITY AND COMPLIANCE AUDITING

- Enforces adherence to SAP and company specific programming standards
- Ensures custom code authorization checks are in place
- Automatically checks compliance to internal and external guidelines and regulations
- Automatically ensures all code changes are documented
- Uncovers unauthorized and ambiguous code

### OPTIMIZATION

- Continuous custom code optimization throughout development, Q/A and testing lifecycles
- Eliminates and archives redundant, obsolete and unused objects, programs and functions
- Improves application stability and performance by eliminating error-prone manual processes
- Streamlines old, non-conforming and third-party developed code

*“In less than three weeks, smartShift automatically uncovered and fixed 99.6% of 425,558 ABAP issues, eliminating months of manual coding and testing from our SAP release and Unicode upgrade. Plus, we saw dramatic gains in our SAP system performance.”*

CIO, GLOBAL ENERGY COMPANY

Considering an upgrade, Unicode or consolidation initiative? To learn more or to set up a quick trial using smartShift automated optimization for SAP custom code, contact [dave@smartShiftgroup.com](mailto:dave@smartShiftgroup.com).